

Technical Manual

(Original Instruction)

Reciprocating condensing unit for medium temperature application

Series 1

JEHCCU0040CM1
JEHCCU0050CM1
JEHCCU0051CM1
JEHCCU0063CM1
JEHCCU0067CM1
JEHCCU0077CM1
JEHCCU0095CM1
JEHCCU0100CM1
JEHCCU0113CM1

Series 2

JEHCCU0140CM1
JEHCCU0140CM3
JEHCCU0170CM1
JEHCCU0170CM3

Scroll condensing unit for medium temperature application

Series 2

JEHSCU0200CM1
JEHSCU0200CM3
JEHSCU0250CM1
JEHSCU0250CM3
JEHSCU0300CM1
JEHSCU0300CM3
JEHSCU0350CM3

Series 3

JEHSCU0360CM3
JEHSCU0400CM3
JEHSCU0500CM3
JEHSCU0600CM3
JEHSCU0680CM3

Series 4

JEHSCU0800CM3
JEHSCU1000CM3

Reciprocating condensing unit for low temperature application

Series 1

JEHCCU0115CL1
JEHCCU0135CL1

Series 2

JEHCCU0180CL1
JEHCCU0180CL3
JEHCCU0210CL1
JEHCCU0210CL3

Scroll condensing unit for low temperature application

Series 2

JEHSCU0300CL3

Series 3

JEHSCU0400CL3
JEHSCU0500CL3
JEHSCU0600CL3

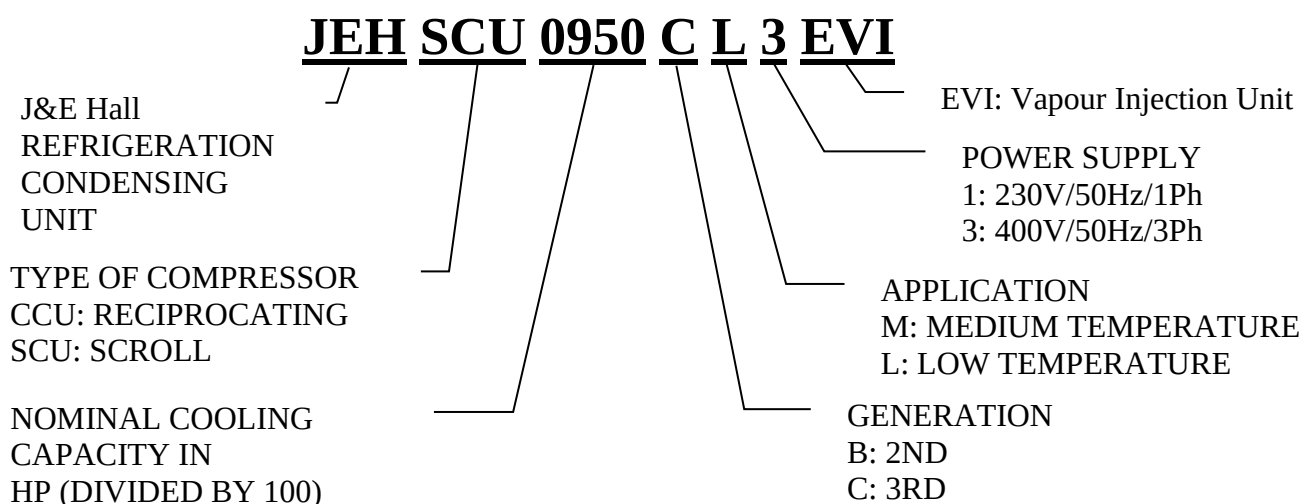
Series 4

JEHSCU0750CL3
JEHSCU0950CL3 EVI
JEHSCU0951CL3 EVI



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1. Nomenclature



2. Product Overview

● R134a
● R407A
● R407F
● R407H
● R448A
● R449A
● R452A

Capacity(kW)	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Model																	
Medium temperature*																	
JEHCCU0040CM1	●																
JEHCCU0050CM1		●●●●															
JEHCCU0051CM1		●															
JEHCCU0063CM1		●															
JEHCCU0067CM1		●●●●															
JEHCCU0077CM1		●															
JEHCCU0095CM1			●														
JEHCCU0100CM1		●●●●															
JEHCCU0113CM1			●●●●														
JEHCCU0140CM1/3			●●●●														
JEHCCU0170CM1/3				●●●													
JEHSCU0200CM1			●	●●●													
JEHSCU0200CM3			●	●●●●													
JEHSCU0250CM1			●		●●●												
JEHSCU0250CM3			●		●●●●												
JEHSCU0300CM1				●	●●	●											
JEHSCU0300CM3				●	●●●	●											
JEHSCU0350CM3				●		●●●											
JEHSCU0360CM3					●		●●●										
JEHSCU0400CM3					●		●●●	●									
JEHSCU0500CM3						●			●●●●								
JEHSCU0600CM3							●			●●●●							
JEHSCU0680CM3								●			●●●●						
JEHSCU0800CM3									●			●●●●	●				
JEHSCU1000CM3											●			●●●	●	●●●	●●

* Evaporating temperature = -10°C, Outside ambient temperature = 32°C

Rating Condition: Suction Return Gas 20°C, Subcooling 0K

Note: Detailed Capacity Data refer to page 17

• R407A • R407F • R448A • R449A • R452A

Capacity(kW)	0.5	1	2	3	4	5	6	7
Model								
JEHCCU0115CL1		•						
JEHCCU0135CL1		•						
JEHCCU0180CL1		••						
JEHCCU0180CL3		••						
JEHCCU0210CL1		••	•					
JEHCCU0210CL3		••	•					
JEHSCU0300CL3		•	••					
JEHSCU0400CL3		••	••					
JEHSCU0500CL3				••				
JEHSCU0600CL3				••	••			
JEHSCU0750CL3					••	••		
JEHSCU0950CL3 EVI						••	••	
JEHSCU0951CL3 EVI						••	••	

* Evaporating temperature = -35°C, Outside ambient temperature = 32°C

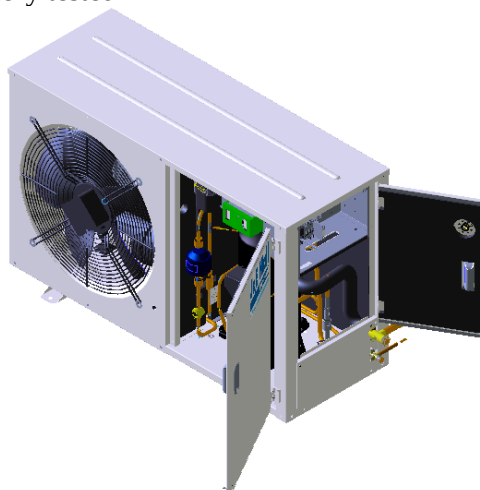
Rating Condition: Suction Return Gas 20°C, Subcooling 0K

(Except for JEHSCU0950/0951CL3 EVI - Superheat 10K)

Note: Detailed Capacity Data refer to page 114.

3. Standard Product Configuration

- 1) Compact and lightweight: easier handling coupled with lower transportation and storage costs
- 2) Quick installation: Shut off valves at suction and liquid line
- 3) Weatherproof housing & IP54 rated control box: outdoor application
- 4) Two access door: Easy access to all components for installation and servicing.
- 5) Micro Channel Heat Exchanger for Series 1 & 2: Lighter weight, less refrigerant charge and easy cleaning.
- 6) Reciprocating/scroll compressor: reliable operation; multi-refrigerant.
- 7) Shut off valves on the compressor, receiver and service valves on service ports: save time for all servicing
- 8) Sound proofing lining on the housing: lower noise
- 9) Fan speed controller: energy reduction and noise reduction for low ambient operation.
- 10) Large volume of liquid receiver: accommodate refrigerant charge not less than 25 meter piping length.
- 11) Environmental friendly: meet Energy related Product (ErP) directive for condensing unit and fan.
- 12) Reliability: 100% factory tested



T-CU03-APR22-8

All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

4. Specifications

Model		Series	COP/SEPR						Compressor			Oil type	Electrical Data					Airflow (m³/h)	Receiver		Connection		Dimensions			Weight (kg)	Sound pressure dB(A) ^f at 10 meter	
			R407A	R407F	R407H	R448A	R449A	R452A	R134a	Type	Displacement (m³/h)		Oil Charge (Liter)	Power Input	Nominal Current ^a (A) R400 Series	Nominal Current ^a (A) R134a	Lock Rotor current (A)		MFA ^b (A)	Volume (Liter)	Suction (inch)	Liquid (inch)	Width (mm)	Depth (mm)	Height (mm)			
Medium temperature	JEHCCU0050CM1	1	1,59	1,77	N/A	1,66	1,66	1,67	N/A	AE4460Z-FZ1C	1,80	0,28	Oil A ^f	230V/1~/50Hz	3,6	N/A	19,4	15	1250	2,4	3/8"	1/4"	876	430	606	49	28	
	JEHCCU0067CM1	1	1,62	1,76	N/A	1,64	1,64	1,67	N/A	CAJ9480Z	2,64	0,48		230V/1~/50Hz	3,3	N/A	22,6	15	1250	2,4	1/2"	3/8"	876	430	606	56	28	
	JEHCCU0100CM1	1	1,66	1,77	N/A	1,64	1,64	1,68	N/A	CAJ9510Z	3,18	0,48		230V/1~/50Hz	4,1	N/A	30,0	15	1250	2,4	1/2"	3/8"	876	430	606	57	28	
	JEHCCU0113CM1	1	1,78	1,85	N/A	1,71	1,71	1,73	N/A	CAJ9513Z	4,21	0,48		230V/1~/50Hz	5,1	N/A	33,0	20	1250	2,4	1/2"	3/8"	876	430	606	58	28	
	JEHCCU0040CM1	1	N/A	N/A	N/A	N/A	N/A	N/A	1,50	AE4440Y-FZ1A	1,80	0,28		230V/1~/50Hz	N/A	2,4	13,2	15	1250	2,4	3/8"	1/4"	876	430	606	49	28	
	JEHCCU0051CM1	1	N/A	N/A	N/A	N/A	N/A	N/A	1,77	CAJ4461Y	3,18	0,48		230V/1~/50Hz	N/A	3,5	19,0	15	1250	2,4	3/8"	1/4"	876	430	606	57	28	
	JEHCCU0063CM1	1	N/A	N/A	N/A	N/A	N/A	N/A	1,77	CAJ4476Y	3,79	0,48		230V/1~/50Hz	N/A	4,5	24,0	15	1250	2,4	3/8"	1/4"	876	430	606	57	28	
	JEHCCU0077CM1	1	N/A	N/A	N/A	N/A	N/A	N/A	1,85	CAJ4492Y	4,51	0,48		230V/1~/50Hz	N/A	5,1	28,0	15	1250	2,4	1/2"	3/8"	876	430	606	58	28	
	JEHCCU0095CM1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,86	CAJ4511Y	5,69		0,48	230V/1~/50Hz	N/A	4,0	30,0	15	1250	2,4	1/2"	3/8"	876	430	606	58	28
	JEHCCU0140CM1	2	1,74	1,93	N/A	2,09	2,09	1,92	N/A	CAJ4517Z	4,52	0,48		230V/1~/50Hz	5,9	N/A	39,0	20	2700	4,5	5/8"	3/8"	1101	444	662	67	32	
	JEHCCU0140CM3	2	1,66	1,85	N/A	2,00	2,00	1,83	N/A	TAJ4517Z	4,52	0,48		400V/3~/50Hz	2,9	N/A	18,0	15	2700	4,5	5/8"	3/8"	1101	444	662	67	32	
	JEHCCU0170CM1	2	N/A	N/A	N/A	1,73	1,73	1,65	N/A	CAJ4519Z	6,00	0,48		230V/1~/50Hz	7,0	N/A	45,0	25	2700	4,5	5/8"	3/8"	1101	444	662	68	33	
	JEHCCU0170CM3	2	N/A	N/A	N/A	1,76	1,76	1,73	N/A	TAJ4519Z	6,00	0,48		400V/3~/50Hz	3,7	N/A	22,0	15	2700	4,5	5/8"	3/8"	1101	444	662	68	33	
	JEHSCU0200CM1	2	2,18	1,92	N/A	2,02	2,02	N/A	1,92	ZB15KQE-PFJ	5,90	1,24		Oil C ^g	230V/1~/50Hz	7,9	5,5	58,0	25	2700	4,5	3/4"	3/8"	1101	444	662	70	33
	JEHSCU0200CM3	2	2,12	1,88	1,93	2,02	2,02	N/A	2,19	ZB15KQE-TFD	5,90	1,24	400V/3~/50Hz		3,5	2,9	26,0	15	2700	4,5	3/4"	3/8"	1101	444	662	70	33	
	JEHSCU0250CM1	2	2,06	1,83	N/A	1,93	1,93	N/A	N/A	ZB19KQE-PFJ	6,80	1,30	230V/1~/50Hz		9,9	N/A	61,0	25	2700	4,5	3/4"	3/8"	1101	444	662	72	34	
	JEHSCU0250CM3	2	1,99	1,83	2,02	1,93	1,93	N/A	N/A	ZB19KQE-TFD	6,80	1,36	400V/3~/50Hz		4,8	N/A	32,0	15	2700	4,5	3/4"	3/8"	1101	444	662	72	34	
	JEHSCU0300CM1	2	N/A	1,74	N/A	1,85	1,85	N/A	N/A	ZB21KQE-PFJ	8,60	1,45	230V/1~/50Hz		12,8	N/A	82,0	35	2700	4,5	3/4"	3/8"	1101	444	662	74	36	
	JEHSCU0300CM3	2	1,92	1,69	1,80	1,85	1,85	N/A	N/A	ZB21KQE-TFD	8,60	1,45	400V/3~/50Hz		5,0	N/A	40,0	15	2700	4,5	3/4"	3/8"	1101	444	662	74	36	
	JEHSCU0350CM3	2	N/A	N/A	N/A	2,72	2,72	N/A	2,08	ZB26KQE-TFD	9,90	1,50	400V/3~/50Hz		6,4	N/A	46,0	20	2700	4,5	3/4"	3/8"	1101	444	662	74	39	
	JEHSCU0360CM3	3	3,48	3,22	3,15	3,02	3,02	N/A	2,36	ZB26KQE-TFD	9,90	1,50	400V/3~/50Hz		6,8	4,8	46,0	20	4250	7,6	3/4"	1/2"	1353	575	872	112	37	
	JEHSCU0400CM3	3	3,79	3,49	3,03	3,13	3,13	N/A	2,36	ZB29KQE-TFD	11,40	1,36	400V/3~/50Hz		8,2	5,2	50,0	20	4250	7,6	7/8"	1/2"	1353	575	872	119	37	
	JEHSCU0500CM3	3	3,21	3,07	N/A	2,97	2,97	N/A	N/A	ZB38KQE-TFD	14,40	2,07	400V/3~/50Hz		9,1	N/A	65,5	25	4250	7,6	7/8"	1/2"	1353	575	872	123	38	
	JEHSCU0600CM3	3	3,19	3,12	2,90	3,22	3,22	N/A	N/A	ZB45KQE-TFD	17,10	1,89	400V/3~/50Hz		9,6	N/A	74,0	30	4100	7,6	1-1/8"	1/2"	1353	575	872	125	40	
	JEHSCU0680CM3	3	2,96	N/A	2,68	2,96	2,96	N/A	N/A	ZB48KQE-TFD	18,80	1,80	400V/3~/50Hz		12,3	N/A	101,0	30	4100	7,6	1-1/8"	1/2"	1353	575	872	126	40	
	JEHSCU0800CM3	4	3,12	2,95	3,24	2,88	2,88	N/A	3,10	ZB57KCE-TFD	21,40	1,89	400V/3~/50Hz		9,6	12,4	102,0	35	8500	13,6	1-1/8"	3/4"	1348	612	1727	204	43	
	JEHSCU1000CM3	4	N/A	N/A	N/A	2,83	2,83	N/A	3,37	ZB76KCE-TFD	29,10	3,20	400V/3~/50Hz		16,2	12,6	118,0	45	8500	13,6	1-3/8"	3/4"	1348	612	1727	226	43	

^a Refer to condition: Outside ambient temperature= 32°C, Evaporation temperature = -10°C (medium temperature application)

^b MFA = Maximum Fuse Amps

^c Sound pressure level measured in anechoic room

^f Oil A = Uniqema Emkarate RL32CF

^g Oil C = Polyester oil (Copeland Ultra 22 CC, Copeland Ultra 32 CC, Copeland Ultra 32-3MAF, Mobil EAL™ Arctic 22 CC, Uniqema Emkarate RL32CF)

Note: condensing units are pre-charged with oil as stated in table

T-CU03-APR22-8

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Model		Series	COP/SEPR					Compressor			Oil type	Electrical Data			Airflow (m³/h)	Receiver	Connection		Dimensions			Weight (kg)	Sound pressure dB(A) ^c at 10 meter
			R407A	R407F	R448A	R449A	R452A	Type	Displacement (m³/h)	Oil Charge (Liter)		Power Input	Nominal Current ^a (A) R400 Series	MFA ^b (A)		Volume (Liter)	Suction (inch)	Liquid (inch)	Width (mm)	Depth (mm)	Height (mm)		
Low temperature	JEHCCU0115CL1	1	N/A	N/A	N/A	N/A	1,05	CAJ2446Z	4,55	0,48	Oil A ^f	230V/1~/50Hz	3,00	15	1250	2,4	1/2"	3/8"	876	430	606	59	27
	JEHCCU0135CL1	1	N/A	N/A	N/A	N/A	0,98	CAJ2464Z	6,00	0,48		230V/1~/50Hz	4,80	15	1250	2,4	1/2"	3/8"	876	430	606	61	27
	JEHCCU0180CL1	2	N/A	N/A	0,96	0,96	1,03	FH2480Z-XC3A	9,45	1,14		230V/1~/50Hz	6,70	20	2700	4,5	5/8"	3/8"	1101	444	662	81	35
	JEHCCU0180CL3	2	N/A	N/A	1,00	1,00	1,07	FH2480Z-XG1A	9,45	1,14		400V/3~/50Hz	3,10	15	2700	4,5	5/8"	3/8"	1101	444	662	80	35
	JEHCCU0210CL1	2	N/A	N/A	0,99	0,99	0,99	FH2511Z-XC3A	11,83	1,14		230V/1~/50Hz	7,30	20	2700	4,5	5/8"	3/8"	1101	444	662	83	38
	JEHCCU0210CL3	2	N/A	N/A	1,00	1,00	1,05	FH2511Z-XG1A	11,83	1,14		400V/3~/50Hz	4,00	15	2700	4,5	5/8"	3/8"	1101	444	662	81	38
	JEHSCU0300CL3	2	N/A	N/A	0,97	0,97	N/A	ZF09K4E-TFD	8,00	1,50	Oil C ^f	400V/3~/50Hz	4,40	15	2700	4,5	3/4"	3/8"	1101	444	662	78	33
	JEHSCU0400CL3	3	1,67	1,65	1,67	1,67	N/A	ZF13K4E-TFD	11,80	1,90		400V/3~/50Hz	5,79	15	4250	7,6	7/8"	1/2"	1353	575	872	132	37
	JEHSCU0500CL3	3	1,67	1,64	N/A	N/A	N/A	ZF15K4E-TFD	14,50	1,90		400V/3~/50Hz	7,59	20	4250	7,6	7/8"	1/2"	1353	575	872	132	39
	JEHSCU0600CL3	3	1,64	N/A	1,64	1,64	N/A	ZF18KQE-TFD	17,10	1,90		400V/3~/50Hz	8,51	25	4250	7,6	7/8"	1/2"	1353	575	872	133	41
	JEHSCU0750CL3	4	N/A	N/A	1,64	1,64	N/A	ZF25K5E-TFD	21,40	1,90		400V/3~/50Hz	9,15	35	5750	13,6	1-1/8"	1/2"	1348	605	1727	203	41
	JEHSCU0950CL3 EVI	4	1,76	1,63	1,76	1,76	N/A	ZF18KVE-TFD-EVI	17,10	1,90		400V/3~/50Hz	8,50	30	5870	13,6	7/8"	1/2"	1348	605	1727	200	37
	JEHSCU0951CL3 EVI	4	1,65	1,74	1,68	1,68	N/A	ZFI26KQE-TFD	17,10	1,90		400V/3~/50Hz	8,50	30	5870	13,6	7/8"	1/2"	1348	605	1727	200	37

^a Refer to condition: Outside ambient temperature= 32°C, Evaporation temperature = -35°C (low temperature application)

^b MFA = Maximum Fuse Amps

^c Sound pressure level measured in anechoic room

^f Oil A = Uniqema Emkarate RL32CF

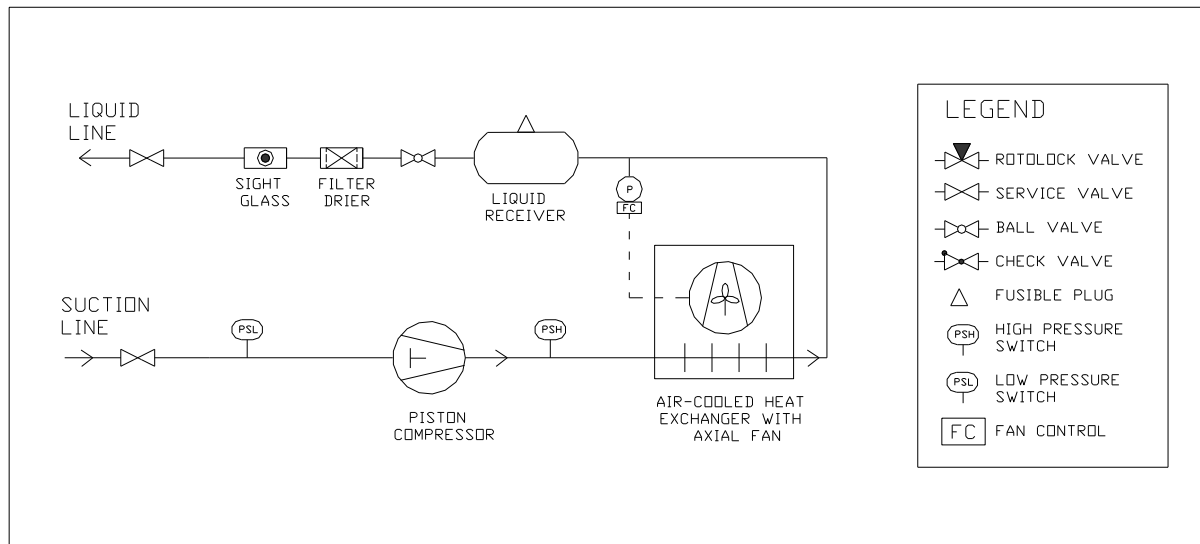
^f Oil C = Polyester oil (Copeland Ultra 22 CC, Copeland Ultra 32 CC, Copeland Ultra 32-3MAF, Mobil EALTM Arctic 22 CC, Uniqema Emkarate RL32CF)

Note: condensing units are pre-charged with oil as stated in table

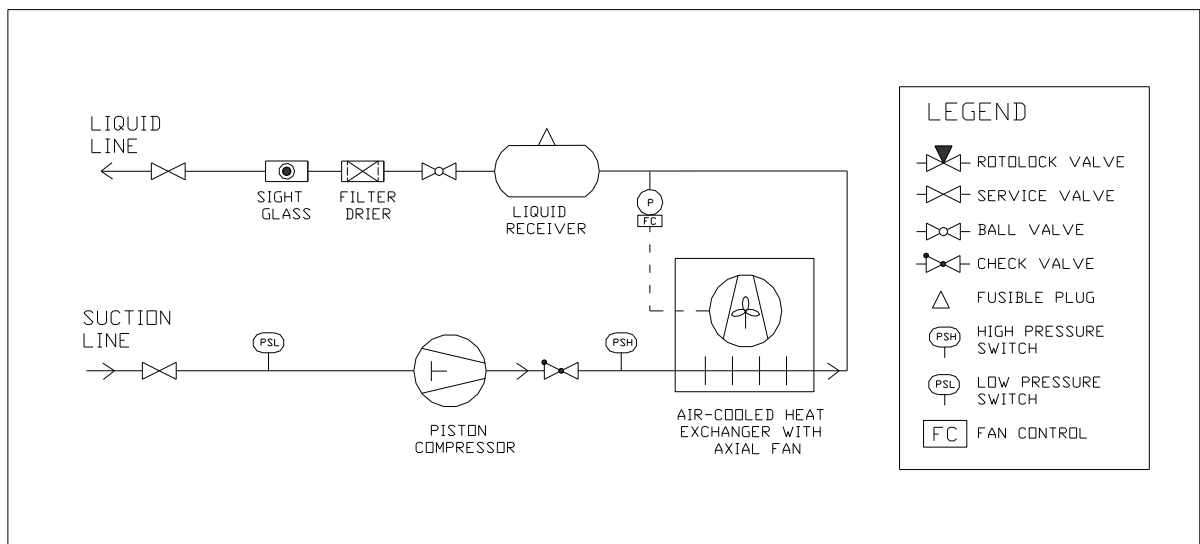
5. Product System Cycle

Series 1

JEHCCU0040~0113CM1

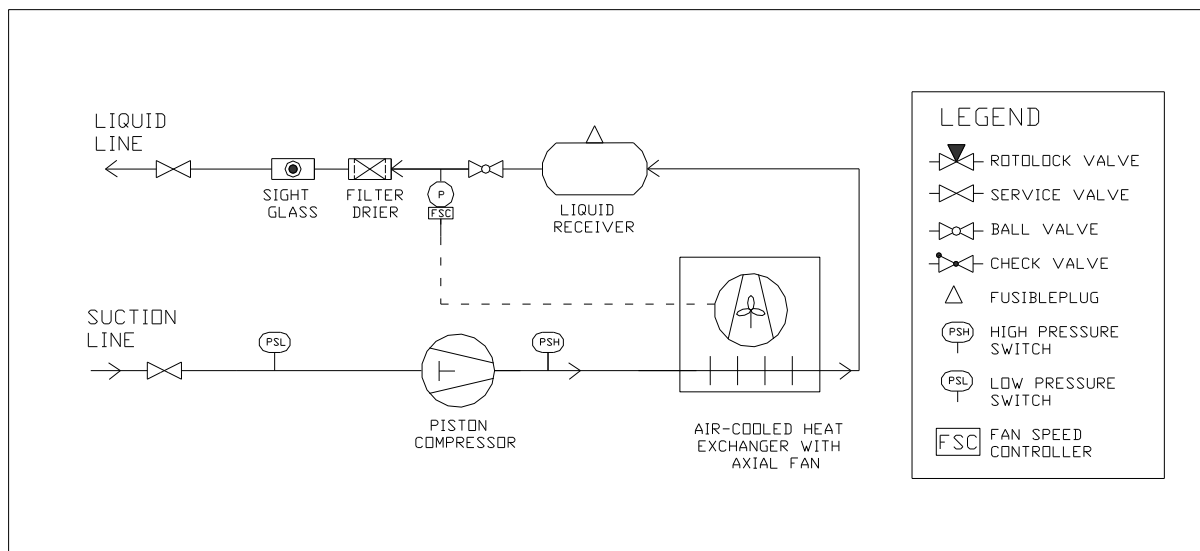


JEHCCU0115~0135CL1

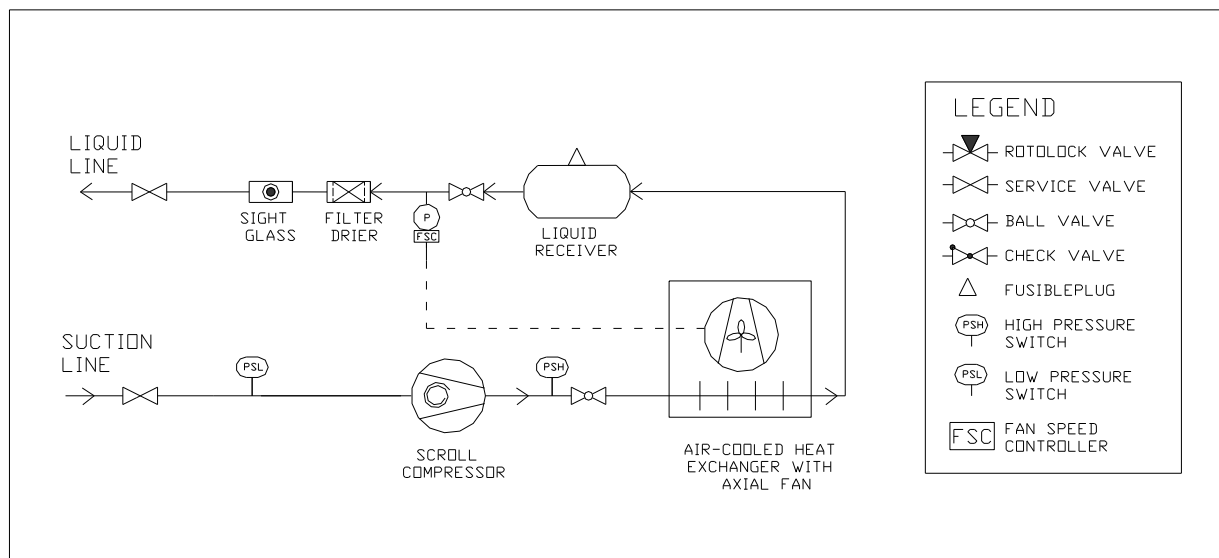


Series 2 – Medium Temperature

JEHCCU0140CM1/3, JEHCCU0170CM1/3

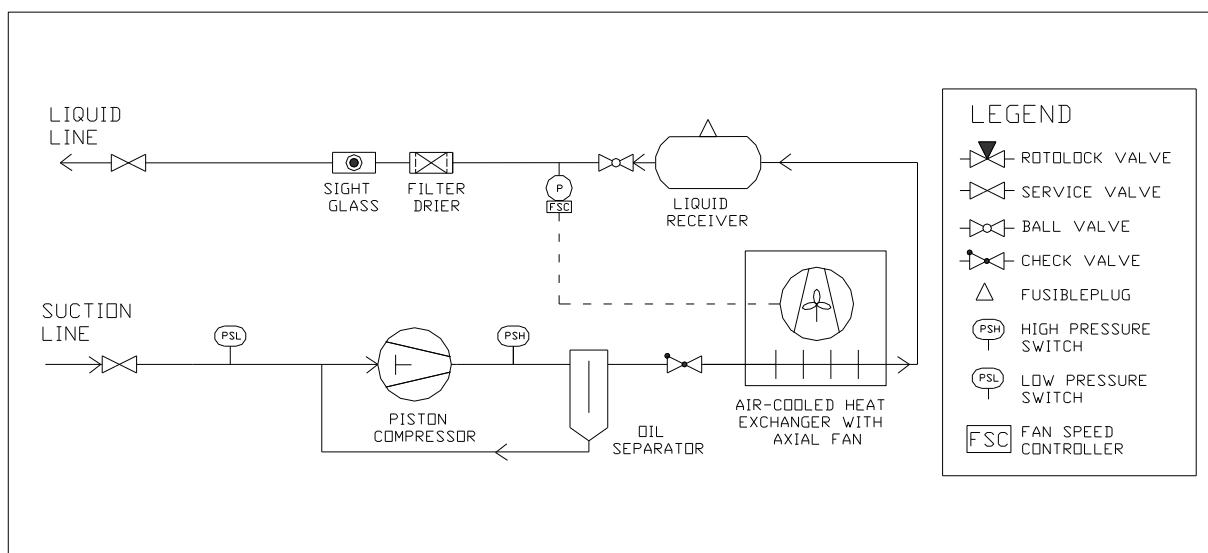


JEHSCU0200~0350CM1/3

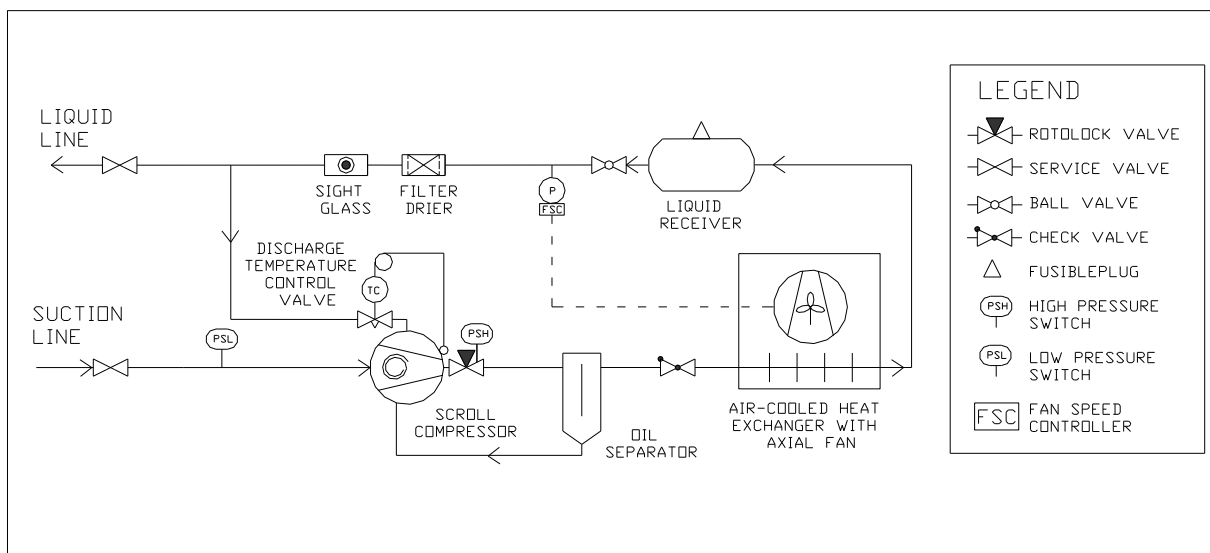


Series 2 – Low Temperature

JEHCCU0180~0210CL1/3

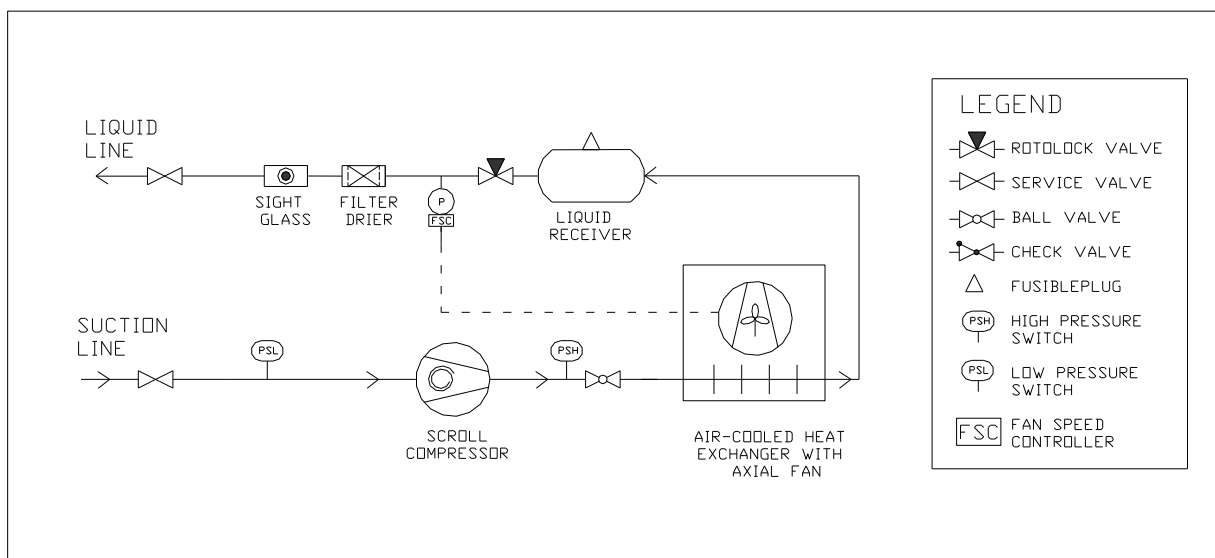


JEHSCU0300CL3



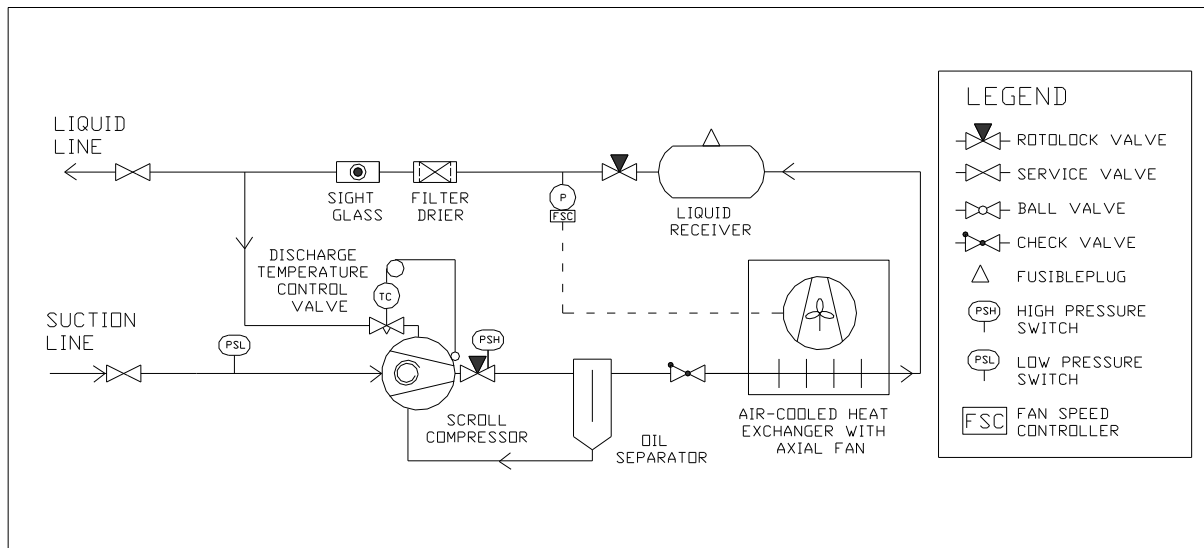
Series 3 – Medium Temperature

JEHCCU0400~0680CM3



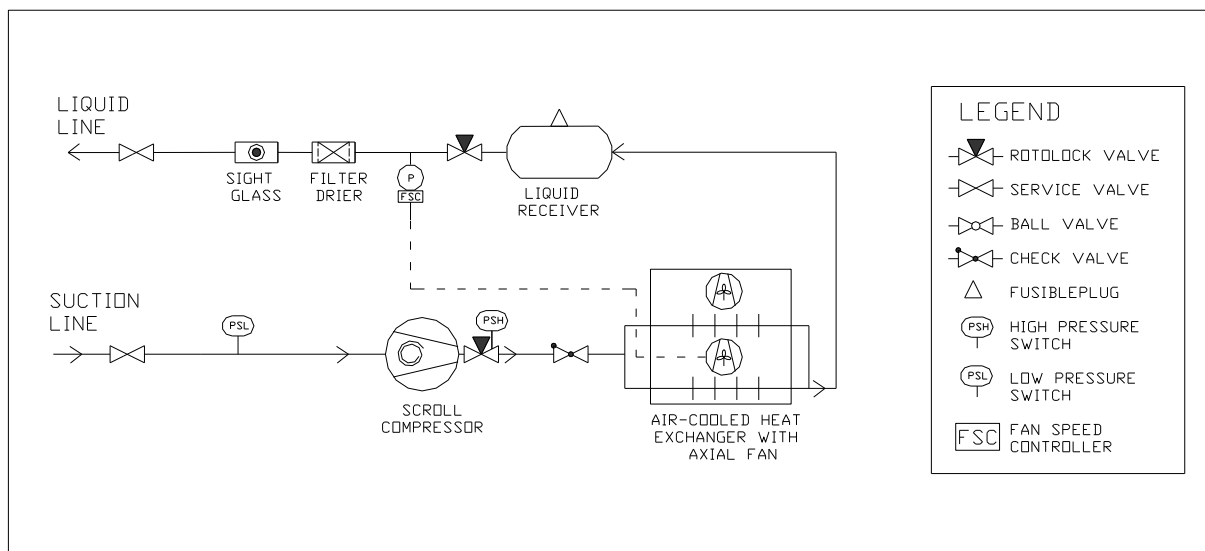
Series 3 – Low Temperature

JEHSCU0400~0600CL3



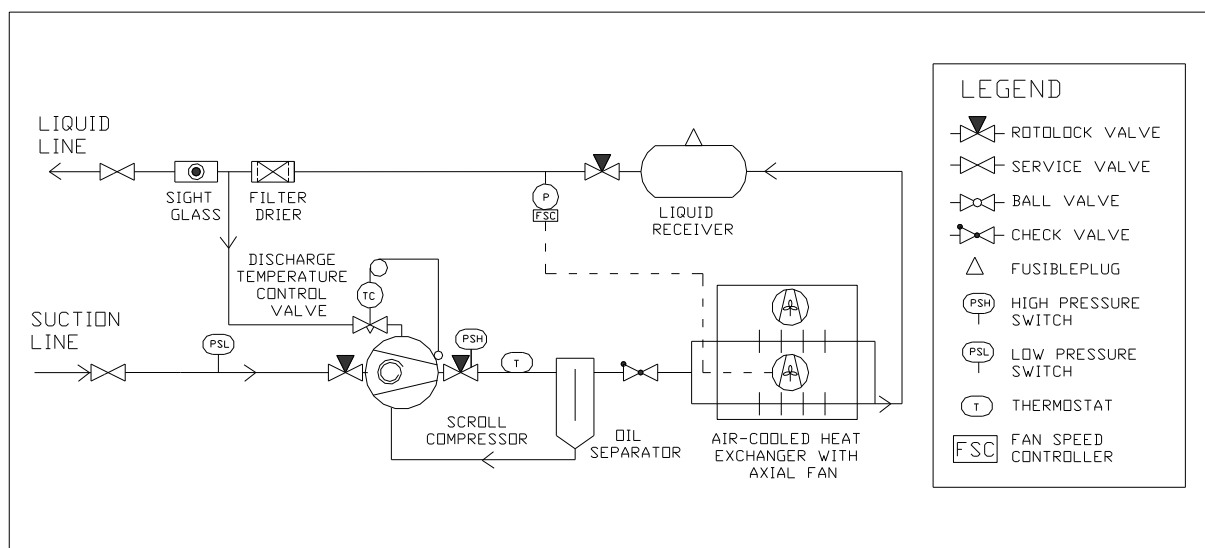
Series 4 – Medium Temperature

JEHSCU0800~1000CM3

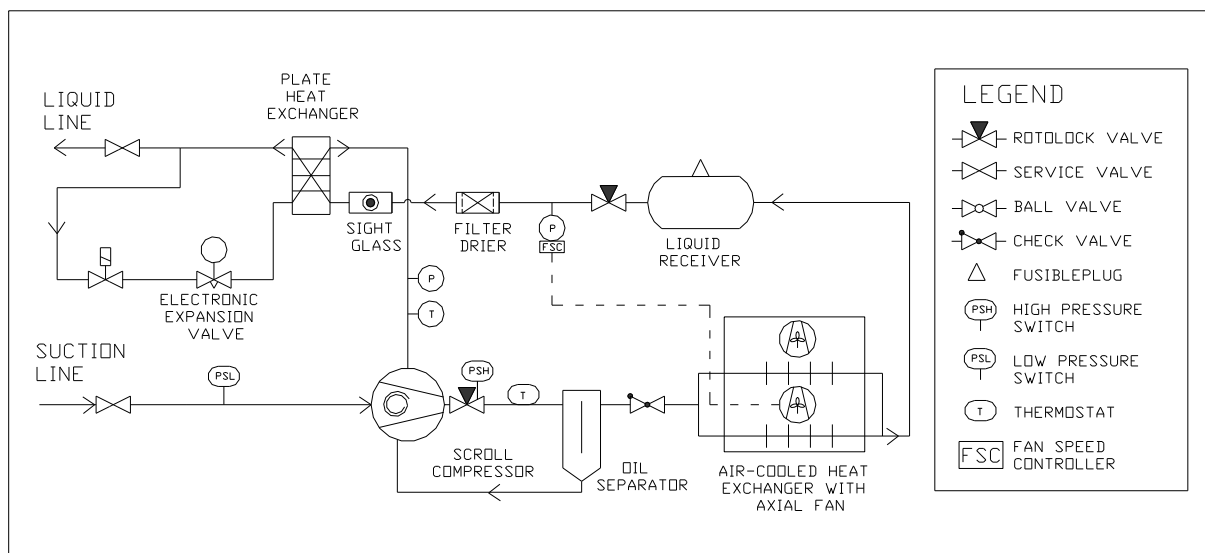


Series 4 – Low Temperature

JEHSCU0750CL3

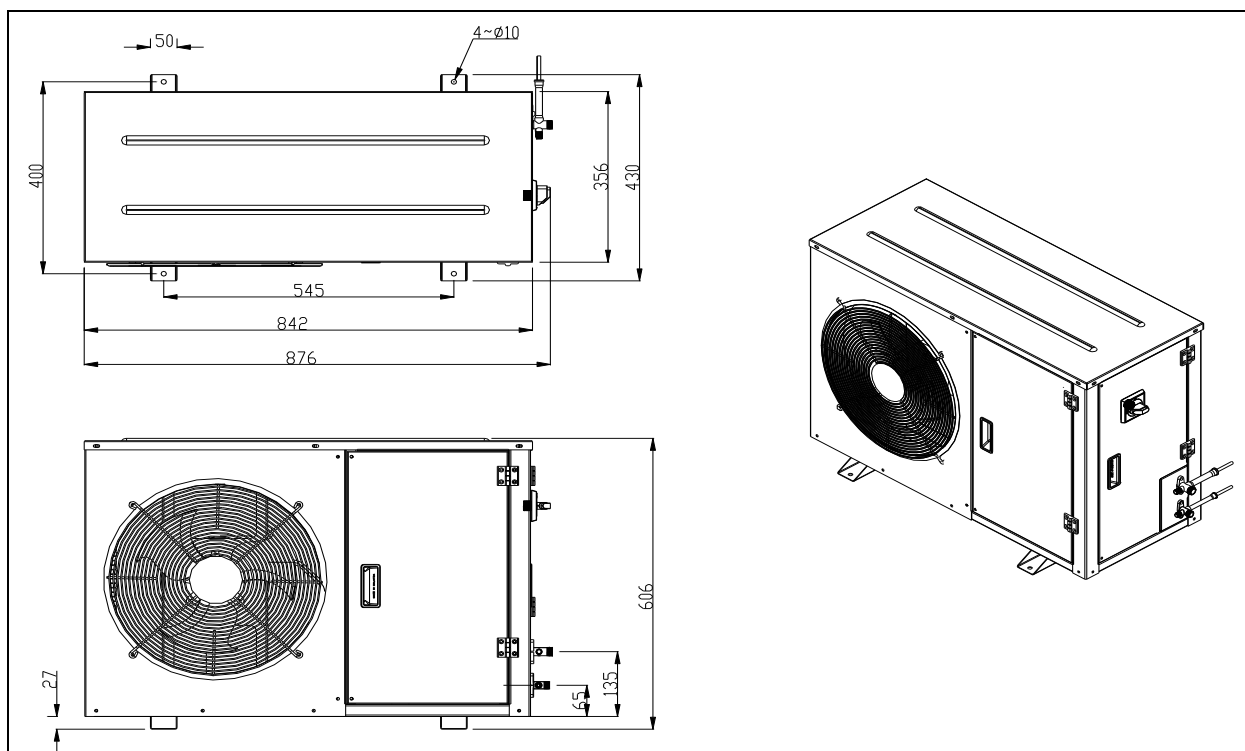


JEHSCU0950~0951CL3 EVI

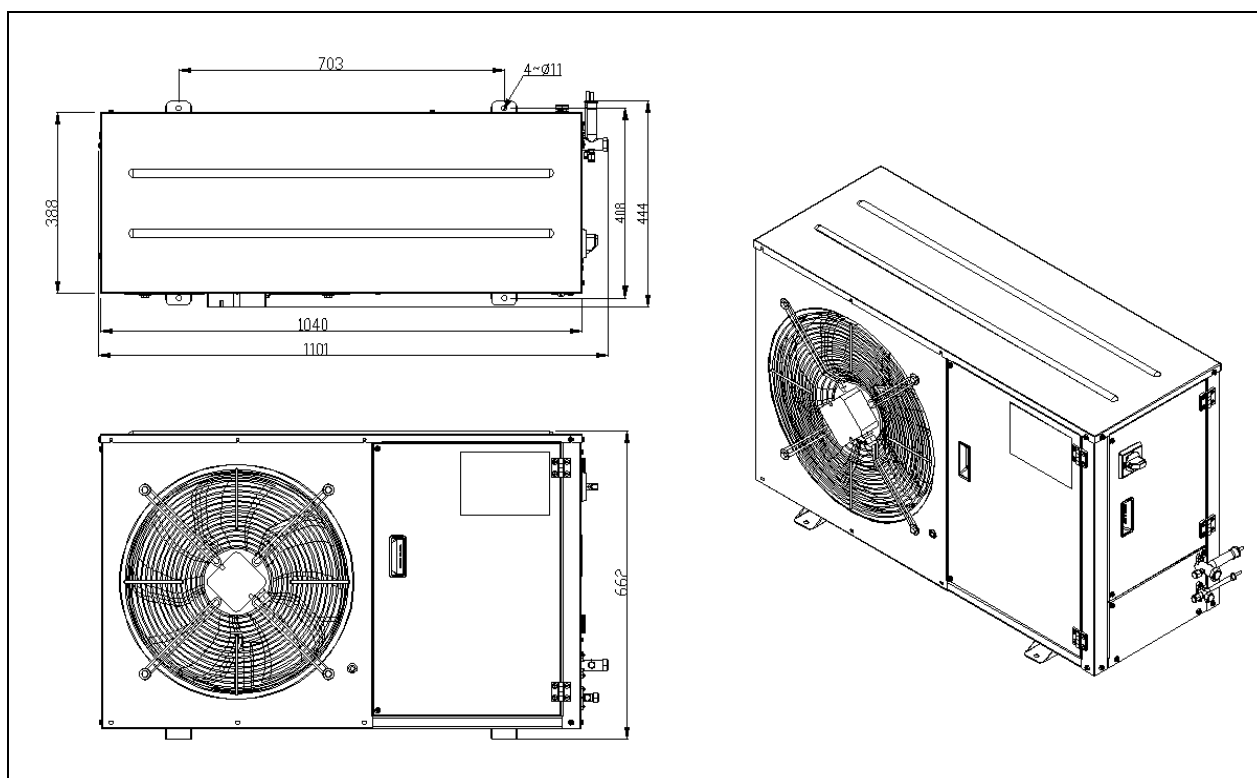


6. Outline Drawings

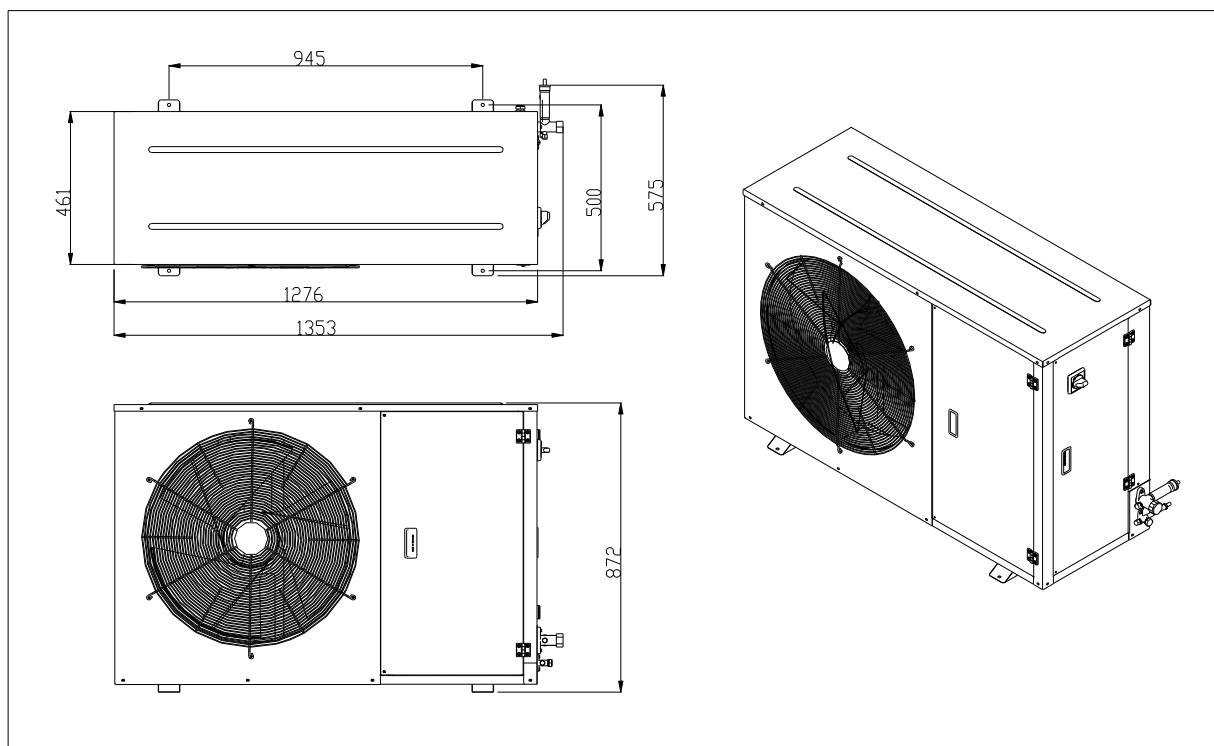
Series 1



Series 2

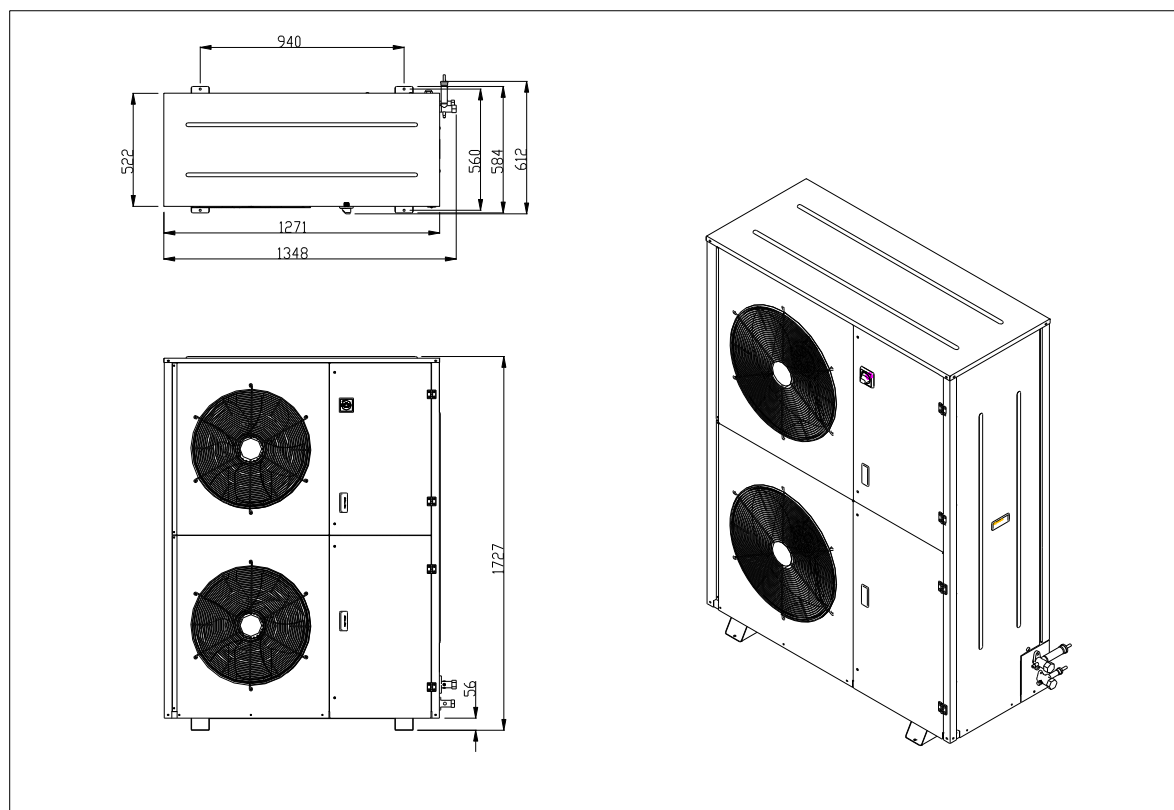


Series 3

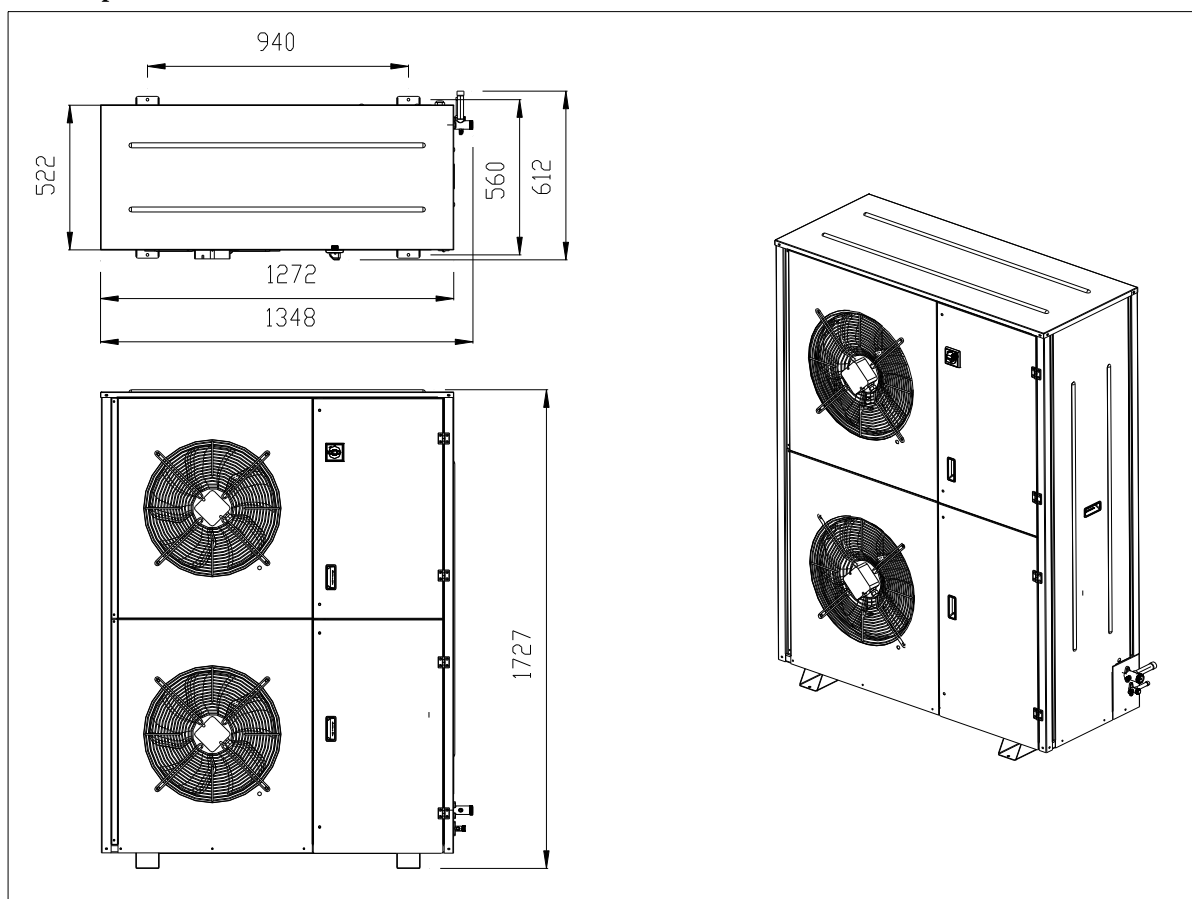


Series 4

Medium Temperature



Low Temperature



7. Performance Data

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC					797	1023	1309	1628	1978
				27	PC					489	502	553	586	613
				27	COP					1,63	2,04	2,37	2,78	3,23
				32	CC					798	1011	1279	1575	1900
				32	PC					501	524	575	616	649
				32	COP					1,59	1,93	2,22	2,56	2,93
				35	CC					792	996	1252	1486	1843
				35	PC					510	538	589	633	671
				35	COP					1,55	1,85	2,13	2,35	2,75
				38	CC					782	974	1218	1484	1777
				38	PC					518	551	602	651	693
				38	COP					1,51	1,77	2,02	2,28	2,57
				43	CC					755	925	1145	1384	1648
				43	PC					533	573	627	681	730
				43	COP					1,42	1,61	1,82	2,03	2,26
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC					1090	1413	1816	2263	2755
				27	PC					650	673	740	786	820
				27	COP					1,68	2,10	2,45	2,88	3,36
				32	CC					1071	1370	1741	2148	2598
				32	PC					663	699	768	824	870
				32	COP					1,62	1,96	2,27	2,61	2,99
				35	CC					1052	1334	1683	2067	2488
				35	PC					670	714	785	847	898
				35	COP					1,57	1,87	2,14	2,44	2,77
				38	CC					1027	1290	1618	1975	2370
				38	PC					677	729	801	869	927
				38	COP					1,52	1,77	2,02	2,27	2,56
				43	CC						1199	1489	1801	
				43	PC						750	827	904	
				43	COP						1,60	1,80	1,99	
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC					1350	1739	2221	2748	3325
				27	PC					784	825	915	985	1043
				27	COP					1,72	2,11	2,43	2,79	3,19
				32	CC					1327	1682	2120	2596	3116
				32	PC					801	857	949	1031	1102
				32	COP					1,66	1,96	2,23	2,52	2,83
				35	CC					1299	1629	2038	2480	2965
				35	PC					809	874	969	1057	1135
				35	COP					1,61	1,86	2,10	2,35	2,61
				38	CC					1271	1576	1957	2364	2813
				38	PC					818	892	988	1083	1169
				38	COP					1,55	1,77	1,98	2,18	2,41
				43	CC						1456			
				43	PC						918			
				43	COP						1,59			

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC						1719	2212	2809	3445	4121
				27	PC						916	981	1099	1204	1298
				27	COP						1,88	2,25	2,56	2,86	3,17
				32	CC						1662	2106	2640	3199	3792
				32	PC						935	1019	1143	1260	1370
				32	COP						1,78	2,07	2,31	2,54	2,77
				35	CC						1611	2018	2512	3032	3571
				35	PC						946	1040	1166	1293	1412
				35	COP						1,70	1,94	2,15	2,34	2,53
				38	CC						1560	1931	2383		
				38	PC						956	1061	1190		
				38	COP						1,63	1,82	2,00		
				43	CC										
				43	PC										
				43	COP										

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC						1942	2511	3227	4020	4887
				27	PC						1082	1127	1250	1347	1438
				27	COP						1,80	2,23	2,58	2,98	3,40
				32	CC						1919	2458	3132	3874	4686
				32	PC						1106	1167	1289	1395	1492
				32	COP						1,74	2,11	2,43	2,78	3,14
				35	CC						1891	2407	3055	3766	4545
				35	PC						1119	1189	1312	1422	1525
				35	COP						1,69	2,02	2,33	2,65	2,98
				38	CC						1862	2356	2978	3658	4404
				38	PC						1132	1211	1334	1450	1558
				38	COP						1,65	1,95	2,23	2,52	2,83
				43	CC						1791	2241	2818	3446	4136
				43	PC						1150	1246	1370	1495	1611
				43	COP						1,56	1,80	2,06	2,31	2,57
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC						1951	2532	3259	4061	4935
				27	PC						1137	1183	1308	1401	1484
				27	COP						1,72	2,14	2,49	2,90	3,33
				32	CC						1924	2478	3166	3921	4743
				32	PC						1159	1223	1348	1452	1543
				32	COP						1,66	2,03	2,35	2,70	3,07
				35	CC						1891	2424	3088	3814	4605
				35	PC						1173	1247	1373	1483	1580
				35	COP						1,61	1,94	2,25	2,57	2,91
				38	CC						1858	2371	3011	3707	4467
				38	PC						1186	1271	1398	1514	1617
				38	COP						1,57	1,87	2,15	2,45	2,76
				43	CC						1777	2249	2845	3492	4198
				43	PC						1205	1308	1439	1566	1679
				43	COP						1,47	1,72	1,98	2,23	2,50

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC					2960	3670	4460	5350	6350	
				27	PC					1445	1465	1485	1515	1555	
				27	COP					2,05	2,51	3,00	3,53	4,08	
				32	CC						3480	4240	5090	6040	
				32	PC						1595	1615	1655	1685	
				32	COP						2,18	2,63	3,08	3,58	
				35	CC						3370	4100	4925	5850	
				35	PC						1680	1705	1740	1775	
				35	COP						2,01	2,40	2,83	3,30	
				38	CC						3260	3960	4760	5660	
				38	PC						1765	1795	1825	1865	
				38	COP						1,85	2,21	2,61	3,03	
				43	CC							3730	4480	5330	
				43	PC							1955	1985	2025	
				43	COP							1,91	2,26	2,63	
	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC					2960	3630	4390	5250	6240	
				27	PC					1465	1485	1515	1565	1605	
				27	COP					2,02	2,44	2,90	3,35	3,89	
				32	CC						3450	4170	4990	5940	
				32	PC						1625	1655	1695	1745	
				32	COP						2,12	2,52	2,94	3,40	
				35	CC						3335	4035	4830	5755	
				35	PC						1715	1745	1790	1840	
				35	COP						1,94	2,31	2,70	3,13	
				38	CC						3220	3900	4670	5570	
				38	PC						1805	1835	1885	1935	
				38	COP						1,78	2,13	2,48	2,88	
				43	CC							3670	4400	5260	
				43	PC							2005	2055	2105	
				43	COP							1,83	2,14	2,50	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC					3550	4290	5130	6090	7210	
				27	PC					1775	1835	1885	1925	1945	
				27	COP					2,00	2,34	2,72	3,16	3,71	
				32	CC						4090	4890	5810	6870	
				32	PC						1985	2035	2075	2095	
				32	COP						2,06	2,40	2,80	3,28	
				35	CC							4745	5710	6665	
				35	PC							2135	2175	2190	
				35	COP							2,22	2,63	3,04	
				38	CC							4600	5610	6460	
				38	PC							2235	2275	2285	
				38	COP							2,06	2,47	2,83	
				43	CC								5180	6120	
				43	PC								2435	2455	
				43	COP								2,13	2,49	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC					3520	4250	5080	6040	7140	
				27	PC					1805	1875	1935	1985	2015	
				27	COP					1,95	2,27	2,63	3,04	3,54	
				32	CC					4050	4850	5760	6800		
				32	PC					2035	2095	2145	2175		
				32	COP					1,99	2,32	2,69	3,13		
				35	CC					3930	4705	5590	6600		
				35	PC					2135	2200	2250	2280		
				35	COP					1,84	2,14	2,48	2,89		
				38	CC						4560	5420	6400		
				38	PC						2305	2355	2385		
				38	COP						1,98	2,30	2,68		
				43	CC						4320	5120	6050		
				43	PC						2475	2535	2565		
				43	COP						1,75	2,02	2,36		
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC										
				27	PC										
				27	COP										
				32	CC										
				32	PC										
				32	COP										
				35	CC										
				35	PC										
				35	COP										
				38	CC										
				38	PC										
				38	COP										
				43	CC										
				43	PC										
				43	COP										
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC					4060	4930	5910	7030	8320	
				27	PC					2125	2265	2405	2515	2565	
				27	COP					1,91	2,18	2,46	2,80	3,24	
				32	CC					4690	5630	6700	7920		
				32	PC					2445	2585	2705	2765		
				32	COP					1,92	2,18	2,48	2,86		
				35	CC						5460	6490	7670		
				35	PC						2705	2825	2890		
				35	COP						2,02	2,30	2,65		
				38	CC						5290	6280	7420		
				38	PC						2825	2945	3015		
				38	COP						1,87	2,13	2,46		
				43	CC										
				43	PC										
				43	COP										

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3,5	JEHSCU0350CM3	ZB26KQE-TFD	27		CC									
				27		PC									
				27		COP									
				32		CC									
				32		PC									
				32		COP									
				35		CC									
				35		PC									
				35		COP									
				38		CC									
				38		PC									
				38		COP									
				43		CC									
				43		PC									
				43		COP									
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27		CC				5070	6120	7320	8710	10350	
				27		PC				2250	2350	2450	2540	2620	
				27		COP				2,25	2,60	2,99	3,43	3,95	
				32		CC				4750	5770	6940	8320	9980	
				32		PC				2490	2580	2670	2740	2780	
				32		COP				1,91	2,24	2,60	3,04	3,59	
				35		CC					5550	6700	8070	9725	
				35		PC					2740	2820	2875	2900	
				35		COP					2,03	2,38	2,81	3,35	
				38		CC					5330	6460	7820	9470	
				38		PC					2900	2970	3010	3020	
				38		COP					1,84	2,18	2,60	3,14	
				43		CC						6060	7380	9000	
				43		PC						3250	3270	3260	
				43		COP						1,86	2,26	2,76	
	4	JEHSCU0400CM3	ZB29KQE-TFD	27		CC				5900	7180	8610	10250	12000	
				27		PC				2530	2650	2780	2920	3060	
				27		COP				2,33	2,71	3,10	3,51	3,92	
				32		CC					6760	8160	9770	11600	
				32		PC					2970	3070	3180	3260	
				32		COP					2,28	2,66	3,07	3,56	
				35		CC					6490	7875	9470	11300	
				35		PC					3195	3275	3360	3415	
				35		COP					2,03	2,40	2,82	3,31	
				38		CC						7590	9170	11000	
				38		PC						3480	3540	3570	
				38		COP						2,18	2,59	3,08	
				43		CC						7080	8620	10450	
				43		PC						3870	3880	3870	
				43		COP						1,83	2,22	2,70	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC					7300	8800	10450	12250	14250	
				27	PC					3350	3590	3840	4110	4380	
				27	COP					2,18	2,45	2,72	2,98	3,25	
				32	CC						8280	9920	11750	13800	
				32	PC						3930	4160	4380	4580	
				32	COP						2,11	2,38	2,68	3,01	
				35	CC							9575	11400	13500	
				35	PC							4375	4565	4720	
				35	COP							2,19	2,50	2,86	
				38	CC							9230	11050		
				38	PC							4590	4750		
				38	COP							2,01	2,33		
				43	CC										
				43	PC										
				43	COP										
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC					8250	10050	12150	14550	17350	
				27	PC					4150	4260	4340	4400	4440	
				27	COP					1,99	2,36	2,80	3,31	3,91	
				32	CC						9540	11450	13600	16050	
				32	PC						4650	4810	4940	5050	
				32	COP						2,05	2,38	2,75	3,18	
				35	CC							10975	12975	15250	
				35	PC							5105	5285	5440	
				35	COP							2,15	2,46	2,80	
				38	CC							10500	12350		
				38	PC							5400	5630		
				38	COP							1,94	2,19		
				43	CC										
				43	PC										
				43	COP										
	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC						11300	13600	16250	19350	
				27	PC						5060	5190	5290	5350	
				27	COP						2,23	2,62	3,07	3,62	
				32	CC						10700	12750	15100	17800	
				32	PC						5540	5770	5970	6110	
				32	COP						1,93	2,21	2,53	2,91	
				35	CC							12175	14350	16800	
				35	PC							6155	6410	6620	
				35	COP							1,98	2,24	2,54	
				38	CC							11600			
				38	PC							6540			
				38	COP							1,77			
				43	CC										
				43	PC										
				43	COP										

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC					11150	13750	16750	20200	24100	
				27	PC					5510	5700	5880	6030	6130	
				27	COP					2.02	2.41	2.85	3.35	3.93	
				32	CC						12950	15800	19050	22700	
				32	PC						6240	6440	6610	6740	
				32	COP						2.08	2.45	2.88	3.37	
				35	CC						12450	15200	18325	21850	
				35	PC						6615	6815	7000	7150	
				35	COP						1.88	1.97	2.33	2.75	
				38	CC							14600	17600	21000	
				38	PC							7190	7390	7560	
				38	COP							2.03	2.38	2.78	
				43	CC										
				43	PC										
				43	COP										
	10	JEHSCU1000CM3	ZB76KCE-TFD	27	CC										
				27	PC										
				27	COP										
				32	CC										
				32	PC										
				32	COP										
				35	CC										
				35	PC										
				35	COP										
				38	CC										
				38	PC										
				38	COP										
				43	CC										
				43	PC										
				43	COP										

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure																
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10	
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC						879	1142	1441	1719	2040	
				27	PC						464	509	556	580	624	
				27	COP						1,90	2,24	2,59	2,96	3,27	
				32	CC						862	1108	1388	1656	1992	
				32	PC						488	536	583	613	658	
				32	COP						1,77	2,07	2,38	2,70	3,03	
				35	CC						847	1081	1350	1613	1937	
				35	PC						502	552	600	633	678	
				35	COP						1,69	1,96	2,25	2,55	2,86	
				38	CC						829	1051	1309	1565	1877	
				38	PC						517	569	617	653	699	
				38	COP						1,60	1,85	2,12	2,40	2,69	
				43	CC						791	991	1231	1475	1769	
				43	PC						542	596	645	687	733	
				43	COP						1,46	1,66	1,91	2,15	2,41	
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC							1186	1548	1956	2345	2830
				27	PC							624	691	755	794	848
				27	COP							1,90	2,24	2,59	2,95	3,34
				32	CC							1146	1479	1861	2231	2691
				32	PC							650	723	789	834	890
				32	COP							1,76	2,05	2,36	2,68	3,02
				35	CC							1116	1432	1796	2159	2601
				35	PC							665	740	807	857	915
				35	COP							1,68	1,93	2,23	2,52	2,84
				38	CC							1082	1379	1728	2080	2507
				38	PC							680	757	826	880	939
				38	COP							1,59	1,82	2,09	2,36	2,67
				43	CC								1283	1606	1941	2342
				43	PC								785	855	917	978
				43	COP								1,64	1,88	2,12	2,39
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC							1459	1885	2359	2811	3368
				27	PC							762	855	944	1009	1091
				27	COP							1,91	2,20	2,50	2,79	3,09
				32	CC							1408	1798	2240	2672	3199
				32	PC							794	891	982	1054	1137
				32	COP							1,77	2,02	2,28	2,54	2,81
				35	CC							1369	1737	2159	2579	3089
				35	PC							811	911	1003	1079	1163
				35	COP							1,69	1,91	2,15	2,39	2,66
				38	CC							1330	1675	2078	2487	2979
				38	PC							829	931	1024	1105	1189
				38	COP							1,60	1,80	2,03	2,25	2,50
				43	CC								1557	1929	2319	
				43	PC								963	1057	1146	
				43	COP								1,62	1,83	2,02	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC						1824	2344	2910	3438	4055
				27	PC						904	1030	1153	1257	1380
				27	COP						2,02	2,28	2,52	2,74	2,94
				32	CC						1739	2214	2742	3247	3831
				32	PC						939	1071	1194	1307	1429
				32	COP						1,85	2,07	2,30	2,48	2,68
				35	CC						1677	2125	2631	3124	3691
				35	PC						958	1093	1218	1334	1458
				35	COP						1,75	1,94	2,16	2,34	2,53
				38	CC						1616	2036	2520	3000	
				38	PC						977	1115	1241	1362	
				38	COP						1,66	1,83	2,03	2,20	
				43	CC										
				43	PC										
				43	COP										

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC						2140	2810	3569	4278	5177
				27	PC						1022	1129	1243	1315	1437
				27	COP						2,09	2,49	2,87	3,25	3,60
				32	CC						2075	2699	3411	4097	4951
				32	PC						1073	1187	1301	1381	1499
				32	COP						1,93	2,27	2,62	2,97	3,30
				35	CC						2022	2614	3298	3970	4799
				35	PC						1102	1220	1334	1419	1537
				35	COP						1,84	2,14	2,47	2,80	3,12
				38	CC						1969	2530	3186	3843	4647
				38	PC						1131	1253	1368	1458	1575
				38	COP						1,74	2,02	2,33	2,63	2,95
				43	CC						1854	2358	2970	3600	4365
				43	PC						1173	1305	1421	1523	1637
				43	COP						1,58	1,81	2,09	2,36	2,67
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC						2150	2833	3605	4322	5229
				27	PC						1073	1185	1299	1366	1482
				27	COP						2,00	2,39	2,78	3,16	3,53
				32	CC						2080	2721	3449	4147	5011
				32	PC						1124	1245	1360	1437	1550
				32	COP						1,85	2,19	2,54	2,89	3,23
				35	CC						2021	2633	3335	4020	4862
				35	PC						1154	1280	1397	1480	1592
				35	COP						1,75	2,06	2,39	2,72	3,05
				38	CC						1962	2545	3221	3894	4713
				38	PC						1184	1315	1434	1523	1634
				38	COP						1,66	1,93	2,25	2,56	2,88
				43	CC						1836	2366	2999	3649	4431
				43	PC						1229	1372	1494	1595	1706
				43	COP						1,49	1,72	2,01	2,29	2,60

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC					2960	3610	4330	5150	6070	
				27	PC					1505	1545	1575	1605	1615	
				27	COP					1,97	2,34	2,75	3,21	3,76	
				32	CC						3330	4040	4830	5730	
				32	PC						1735	1765	1785	1785	
				32	COP						1,92	2,29	2,71	3,21	
				35	CC						3150	3840	4620	5515	
				35	PC						1875	1895	1905	1895	
				35	COP						1,68	2,03	2,43	2,91	
				38	CC							3640	4410	5300	
				38	PC							2025	2025	2005	
				38	COP							1,80	2,18	2,64	
				43	CC								4020	4900	
				43	PC								2255	2215	
				43	COP								1,78	2,21	
	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC					2930	3570	4290	5100	6010	
				27	PC					1535	1575	1605	1635	1665	
				27	COP					1,91	2,27	2,67	3,12	3,61	
				32	CC						3330	4000	4780	5680	
				32	PC						1775	1805	1825	1835	
				32	COP						1,88	2,22	2,62	3,10	
				35	CC						3120	3800	4570	5460	
				35	PC						1920	1940	1955	1955	
				35	COP						1,63	1,96	2,34	2,79	
				38	CC							3600	4360	5240	
				38	PC							2075	2085	2075	
				38	COP							1,73	2,09	2,53	
				43	CC							3220	3970	4840	
				43	PC							2345	2325	2295	
				43	COP							1,37	1,71	2,11	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC					3400	4170	5030	6000	7100	
				27	PC					1785	1875	1965	2035	2085	
				27	COP					1,90	2,22	2,56	2,95	3,41	
				32	CC						3820	4660	5620	6720	
				32	PC						2085	2165	2225	2255	
				32	COP						1,83	2,15	2,53	2,98	
				35	CC							4415	5370	6465	
				35	PC							2305	2350	2370	
				35	COP							1,92	2,29	2,73	
				38	CC							4170	5120	6210	
				38	PC							2445	2475	2485	
				38	COP							1,71	2,07	2,50	
				43	CC								4660	5760	
				43	PC								2715	2695	
				43	COP								1,72	2,14	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC					3510	4230	5050	5990	7060	
				27	PC					1855	1945	2035	2105	2165	
				27	COP					1,89	2,17	2,48	2,85	3,26	
				32	CC						3940	4740	5660	6720	
				32	PC						2155	2245	2325	2365	
				32	COP						1,83	2,11	2,43	2,84	
				35	CC							4525	5440	6500	
				35	PC							2385	2460	2495	
				35	COP							1,90	2,21	2,61	
				38	CC							4310	5220	6280	
				38	PC							2525	2595	2625	
				38	COP							1,71	2,01	2,39	
				43	CC								4820	5880	
				43	PC								2835	2845	
				43	COP								1,70	2,07	
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC						4990	5920	6980	8190	
				27	PC						2375	2495	2595	2665	
				27	COP						2,10	2,37	2,69	3,07	
				32	CC						4630	5520	6550	7750	
				32	PC						2655	2755	2835	2885	
				32	COP						1,74	2,00	2,31	2,69	
				35	CC							5265	6275	7470	
				35	PC							2940	3000	3030	
				35	COP							1,79	2,09	2,47	
				38	CC							5010	6000	7190	
				38	PC							3125	3165	3175	
				38	COP							1,60	1,90	2,26	
				43	CC										
				43	PC										
				43	COP										
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC						4950	5890	6940	8130	
				27	PC						2435	2575	2705	2795	
				27	COP						2,03	2,29	2,57	2,91	
				32	CC						4580	5490	6520	7700	
				32	PC						2705	2845	2955	3035	
				32	COP						1,69	1,93	2,21	2,54	
				35	CC							5215	6240	7425	
				35	PC							3015	3120	3185	
				35	COP							1,73	2,00	2,33	
				38	CC							4940	5960	7150	
				38	PC							3185	3285	3335	
				38	COP							1,55	1,81	2,14	
				43	CC										
				43	PC										
				43	COP										

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3,5	JEHSCU0350CM3	ZB26KQE-TFD	27	CC										
				27	PC										
				27	COP										
				32	CC										
				32	PC										
				32	COP										
				35	CC										
				35	PC										
				35	COP										
				38	CC										
				38	PC										
				38	COP										
				43	CC										
				43	PC										
				43	COP										
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27	CC					5060	6120	7330	8750	10400	
				27	PC					2500	2610	2710	2770	2790	
				27	COP					2,02	2,34	2,70	3,16	3,73	
				32	CC						5730	6930	8330	9950	
				32	PC						2910	2990	3040	3050	
				32	COP						1,97	2,32	2,74	3,26	
				35	CC						5450	6640	8025	9625	
				35	PC						3110	3185	3230	3235	
				35	COP						1,75	2,08	2,48	2,98	
				38	CC							6350	7720	9300	
				38	PC							3380	3420	3420	
				38	COP							1,88	2,26	2,72	
				43	CC							5790	7150	8710	
				43	PC							3740	3780	3770	
				43	COP							1,55	1,89	2,31	
	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC					5880	7200	8700	10400	12350	
				27	PC					2790	2920	3030	3120	3190	
				27	COP					2,11	2,47	2,87	3,33	3,87	
				32	CC						6750	8240	9940	11850	
				32	PC						3210	3310	3390	3440	
				32	COP						2,10	2,49	2,93	3,44	
				35	CC						6450	7920	9600	11500	
				35	PC						3400	3505	3575	3620	
				35	COP						1,90	2,26	2,69	3,18	
				38	CC							7600	9260	11150	
				38	PC							3700	3760	3800	
				38	COP							2,05	2,46	2,93	
				43	CC								8650	10500	
				43	PC								4090	4120	
				43	COP								2,11	2,55	

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	10
Series 3	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC					7210	8740	10500	12500	14900
				27	PC					3770	3990	4190	4350	4480
				27	COP					1,91	2,19	2,51	2,87	3,33
				32	CC						8180	9930	11950	14300
				32	PC						4360	4530	4670	4780
				32	COP						1,88	2,19	2,56	2,99
				35	CC							9535	11550	13875
				35	PC							4770	4900	5005
				35	COP							2,00	2,36	2,77
				38	CC							9140	11150	13450
				38	PC							5010	5130	5230
				38	COP							1,82	2,17	2,57
				43	CC									
				43	PC									
				43	COP									
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC						10300	12450	14850	17550
				27	PC						4590	4790	4980	5150
				27	COP						2,24	2,60	2,98	3,41
				32	CC						9590	11650	14000	16600
				32	PC						5030	5260	5460	5630
				32	COP						1,91	2,21	2,56	2,95
				35	CC							11150	13450	16000
				35	PC							5545	5760	5930
				35	COP							2,01	2,34	2,70
				38	CC							10650	12900	
				38	PC							5830	6060	
				38	COP							1,83	2,13	
				43	CC									
				43	PC									
				43	COP									
	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC									
				27	PC									
				27	COP									
				32	CC									
				32	PC									
				32	COP									
				35	CC									
				35	PC									
				35	COP									
				38	CC									
				38	PC									
				38	COP									
				43	CC									
				43	PC									
				43	COP									

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure																
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10	
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27		CC				10950	13600	16550	19800	23400		
				27		PC				5350	5720	6060	6370	6680		
				27		COP				2,05	2,38	2,73	3,11	3,50		
				32		CC					12900	15750	19000	22600		
				32		PC					6130	6490	6790	7040		
				32		COP					2,10	2,43	2,80	3,21		
				35		CC						15225	18425	22050		
				35		PC						6745	7050	7285		
				35		COP						2,26	2,61	3,03		
				38		CC						14700	17850	21500		
				38		PC						7000	7310	7530		
				38		COP						2,10	2,44	2,86		
				43		CC								16750	20300	
				43		PC								7760	7990	
				43		COP								2,16	2,54	
	10	JEHSCU1000CM3	ZB76KCE-TFD	27		CC										
				27		PC										
				27		COP										
				32		CC										
				32		PC										
				32		COP										
				35		CC										
				35		PC										
				35		COP										
				38		CC										
				38		PC										
				38		COP										
				43		CC										
				43		PC										
				43		COP										

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC			590	751	936	1150	1400	1689	2024
				27	PC			445	473	505	541	579	616	653
				27	COP			1,33	1,59	1,85	2,13	2,42	2,74	3,10
				32	CC			545	697	872	1076	1312	1585	1902
				32	PC			465	493	526	563	604	645	686
				32	COP			1,17	1,41	1,66	1,91	2,17	2,46	2,77
				35	CC				665	834	1031	1259	1524	1831
				35	PC				506	539	577	619	662	706
				35	COP				1,31	1,55	1,79	2,03	2,30	2,59
				38	CC				632	796	986	1206	1463	1759
				38	PC				519	552	591	634	679	726
				38	COP				1,22	1,44	1,67	1,90	2,15	2,42
				43	CC				577	732	911	1119	1362	1643
				43	PC				543	576	615	660	708	758
				43	COP				1,06	1,27	1,48	1,70	1,92	2,17
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC			744	963	1214	1505	1842	2233	2687
				27	PC			563	610	661	714	769	822	873
				27	COP			1,32	1,58	1,84	2,11	2,40	2,72	3,08
				32	CC			674	882	1120	1395	1714	2084	2514
				32	PC			581	629	682	739	797	856	913
				32	COP			1,16	1,40	1,64	1,89	2,15	2,43	2,75
				35	CC				833	1064	1330	1639	1997	2414
				35	PC				640	695	753	814	876	936
				35	COP				1,30	1,53	1,77	2,01	2,28	2,58
				38	CC				784	1007	1264	1563	1910	2313
				38	PC				651	707	767	831	895	958
				38	COP				1,20	1,42	1,65	1,88	2,13	2,41
				43	CC				703	914	1157	1440	1770	2153
				43	PC				669	727	790	857	926	994
				43	COP				1,05	1,26	1,46	1,68	1,91	2,17
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC			903	1161	1456	1793	2182	2632	3155
				27	PC			667	728	796	870	948	1028	1106
				27	COP			1,35	1,59	1,83	2,06	2,30	2,56	2,85
				32	CC			818	1065	1345	1665	2035	2463	2959
				32	PC			690	752	822	899	981	1065	1150
				32	COP			1,19	1,42	1,64	1,85	2,07	2,31	2,57
				35	CC				1007	1279	1589	1948	2364	2845
				35	PC				767	838	916	1000	1087	1175
				35	COP				1,31	1,53	1,73	1,95	2,17	2,42
				38	CC				949	1212	1513	1861	2264	2731
				38	PC				781	853	933	1019	1109	1200
				38	COP				1,22	1,42	1,62	1,83	2,04	2,28
				43	CC					1101	1388	1719	2104	2549
				43	PC					878	960	1049	1143	1239
				43	COP					1,25	1,45	1,64	1,84	2,06

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC				1041	1383	1763	2204	2739	3318	3962
				27	PC				759	841	932	1029	1125	1229	1339
				27	COP				1,37	1,64	1,89	2,14	2,43	2,70	2,96
				32	CC				953	1278	1639	2041	2541	3063	3665
				32	PC				776	861	957	1062	1165	1281	1399
				32	COP				1,23	1,48	1,71	1,92	2,18	2,39	2,62
				35	CC				1210	1559	1947	2421	2913	3490	
				35	PC				873	972	1080	1189	1311	1435	
				35	COP				1,39	1,60	1,80	2,04	2,22	2,43	
				38	CC				1142	1479	1853	2300	2762	3315	
				38	PC				885	986	1097	1212	1341	1470	
				38	COP				1,29	1,50	1,69	1,90	2,06	2,26	
				43	CC				1025	1343	1684	2100	2514	3099	
				43	PC				902	1008	1126	1248	1387	1511	
				43	COP				1,14	1,33	1,50	1,68	1,81	2,05	

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27		CC			1415	1832	2313	2867	3504	4238	5231
				27		PC			835	907	986	1073	1166	1265	1368
				27		COP			1,69	2,02	2,35	2,67	3,01	3,35	3,82
				32		CC			1305	1698	2149	2668	3267	3955	4889
				32		PC			866	942	1026	1118	1217	1323	1434
				32		COP			1,51	1,80	2,09	2,39	2,68	2,99	3,41
				35		CC			1238	1617	2051	2550	3126	3788	4687
				35		PC			883	962	1049	1144	1247	1357	1473
				35		COP			1,40	1,68	1,96	2,23	2,51	2,80	3,18
				38		CC			1170	1535	1952	2431	2984	3620	4484
				38		PC			900	981	1071	1170	1277	1391	1512
				38		COP			1,30	1,56	1,82	2,08	2,34	2,60	2,97
				43		CC				1399	1788	2235	2750	3344	4150
				43		PC				1012	1107	1212	1325	1447	1576
				43		COP				1,38	1,62	1,84	2,08	2,31	2,63
	1,4	JEHCCU0140CM3	TAJ4517Z	27		CC			1389	1825	2323	2891	3541	4284	5133
				27		PC			870	951	1035	1125	1219	1315	1412
				27		COP			1,60	1,92	2,24	2,57	2,90	3,26	3,64
				32		CC			1266	1681	2152	2689	3303	4005	4808
				32		PC			898	984	1075	1172	1273	1378	1484
				32		COP			1,41	1,71	2,00	2,29	2,59	2,91	3,24
				35		CC			1190	1593	2049	2567	3160	3837	4613
				35		PC			914	1004	1099	1200	1306	1416	1528
				35		COP			1,30	1,59	1,87	2,14	2,42	2,71	3,02
				38		CC			1114	1505	1945	2445	3016	3669	4417
				38		PC			929	1023	1122	1228	1338	1454	1571
				38		COP			1,20	1,47	1,73	1,99	2,25	2,52	2,81
				43		CC				1355	1770	2240	2776	3389	4091
				43		PC				1054	1160	1274	1393	1517	1644
				43		COP				1,29	1,53	1,76	1,99	2,23	2,49

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,7	JEHCCU0170CM1	CAJ4519Z	27		CC			1689	2178	2730	3349	4042	4815	
				27		PC			1214	1334	1461	1595	1737	1886	
				27		COP			1,39	1,63	1,87	2,10	2,33	2,55	
				32		CC			1558	2037	2574	3178	3855	4613	
				32		PC			1233	1360	1492	1631	1777	1930	
				32		COP			1,26	1,50	1,73	1,95	2,17	2,39	
				35		CC			1479	1951	2480	3075	3742	4492	
				35		PC			1242	1373	1510	1653	1801	1956	
				35		COP			1,19	1,42	1,64	1,86	2,08	2,30	
				38		CC				1865	2386	2971	3629	4370	
				38		PC				1386	1527	1674	1826	1982	
				38		COP				1,35	1,56	1,77	1,99	2,20	
				43		CC				1722	2228	2798	3440	4166	
				43		PC				1416	1568	1724	1883	2046	
				43		COP				1,22	1,42	1,62	1,83	2,04	
	1,7	JEHCCU0170CM3	TAJ4519Z	27		CC			1772	2237	2760	3345	3992	4705	
				27		PC			1148	1280	1418	1563	1716	1876	
				27		COP			1,54	1,75	1,95	2,14	2,33	2,51	
				32		CC			1603	2059	2572	3144	3782	4490	
				32		PC			1180	1317	1461	1611	1767	1929	
				32		COP			1,36	1,56	1,76	1,95	2,14	2,33	
				35		CC			1528	1976	2477	3035	3656	4345	
				35		PC			1192	1334	1482	1637	1798	1965	
				35		COP			1,28	1,48	1,67	1,85	2,03	2,21	
				38		CC				1880	2372	2920	3530	4209	
				38		PC				1351	1504	1664	1829	2000	
				38		COP				1,39	1,58	1,75	1,93	2,10	
				43		CC				1722	2200	2730	3320	3978	
				43		PC				1375	1539	1707	1881	2059	
				43		COP				1,25	1,43	1,60	1,77	1,93	
	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27		CC			2350	2920	3560	4290	5120	6070	7160
				27		PC			1410	1440	1480	1530	1590	1650	1710
				27		COP			1,67	2,03	2,41	2,80	3,22	3,68	4,19
				32		CC			2190	2730	3330	4030	4810	5710	6740
				32		PC			1600	1620	1650	1690	1750	1810	1870
				32		COP			1,37	1,69	2,02	2,38	2,75	3,15	3,60
				35		CC			1965	2605	3190	3860	4615	5485	6480
				35		PC			1740	1745	1770	1810	1860	1920	1980
				35		COP			1,13	1,51	1,82	2,15	2,50	2,87	3,27
				38		CC				2480	3050	3690	4420	5260	6220
				38		PC				1870	1890	1930	1970	2030	2090
				38		COP				1,33	1,61	1,91	2,24	2,59	2,98
				43		CC				2270	2800	3400	4080	4870	5770
				43		PC				2130	2140	2160	2200	2250	2300
				43		COP				1,07	1,31	1,57	1,85	2,16	2,51

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC				2350	2920	3560	4290	5120	6070	7160
				27	PC				1410	1440	1480	1530	1590	1650	1710
				27	COP				1,67	2,03	2,41	2,80	3,22	3,68	4,19
				32	CC				2190	2730	3330	4030	4810	5710	6740
				32	PC				1600	1620	1650	1690	1750	1810	1870
				32	COP				1,37	1,69	2,02	2,38	2,75	3,15	3,60
				35	CC				1965	2605	3190	3860	4615	5485	6480
				35	PC				1740	1745	1770	1810	1860	1920	1980
				35	COP				1,13	1,51	1,82	2,15	2,50	2,87	3,27
				38	CC					2480	3050	3690	4420	5260	6220
				38	PC					1870	1890	1930	1970	2030	2090
				38	COP					1,33	1,61	1,91	2,24	2,59	2,98
				43	CC					2270	2800	3400	4080	4870	5770
				43	PC					2130	2140	2160	2200	2250	2300
				43	COP						1,07	1,31	1,57	1,85	2,16
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC				2710	3320	4020	4820	5730	6760	7940
				27	PC				1660	1730	1810	1890	1980	2080	2170
				27	COP				1,63	1,92	2,22	2,55	2,89	3,25	3,66
				32	CC				2560	3150	3820	4580	5440	6430	7560
				32	PC				1850	1910	1980	2070	2160	2250	2340
				32	COP				1,38	1,65	1,93	2,21	2,52	2,86	3,23
				35	CC					3040	3690	4430	5265	6225	7320
				35	PC					2040	2105	2190	2275	2370	2460
				35	COP					1,50	1,76	2,03	2,32	2,64	2,98
				38	CC					2930	3560	4280	5090	6020	7080
				38	PC					2170	2230	2310	2390	2490	2580
				38	COP					1,35	1,60	1,85	2,13	2,42	2,74
				43	CC						3350	4020	4790	5670	6680
				43	PC						2470	2540	2620	2700	2790
				43	COP							1,36	1,58	1,83	2,10
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC				2710	3320	4020	4820	5730	6760	7940
				27	PC				1660	1730	1810	1890	1980	2080	2170
				27	COP				1,63	1,92	2,22	2,55	2,89	3,25	3,66
				32	CC				2560	3150	3820	4580	5440	6430	7560
				32	PC				1850	1910	1980	2070	2160	2250	2340
				32	COP				1,38	1,65	1,93	2,21	2,52	2,86	3,23
				35	CC					3040	3690	4430	5265	6225	7320
				35	PC					2040	2105	2190	2275	2370	2460
				35	COP					1,50	1,76	2,03	2,32	2,64	2,98
				38	CC					2930	3560	4280	5090	6020	7080
				38	PC					2170	2230	2310	2390	2490	2580
				38	COP					1,35	1,60	1,85	2,13	2,42	2,74
				43	CC						3350	4020	4790	5670	6680
				43	PC						2470	2540	2620	2700	2790
				43	COP							1,36	1,58	1,83	2,10

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC				3390	4150	4990	5940	7010	8220	9620
				27	PC				2080	2210	2340	2460	2580	2690	2780
				27	COP				1,63	1,88	2,13	2,41	2,72	3,06	3,46
				32	CC				3210	3930	4730	5620	5530	7790	9120
				32	PC				2290	2430	2560	2690	2810	2920	3010
				32	COP				1,40	1,62	1,85	2,09	1,97	2,67	3,03
				35	CC					3795	4565	5425	5850	7520	8810
				35	PC					2575	2710	2845	2965	3075	3165
				35	COP					1,48	1,69	1,92	1,97	2,46	2,78
				38	CC					3660	4400	5230	6170	7250	8500
				38	PC					2720	2860	3000	3120	3230	3320
				38	COP					1,35	1,54	1,74	1,98	2,24	2,56
				43	CC						4120	4900	5780		
				43	PC						3140	3280	3410		
				43	COP						1,31	1,49	1,70		
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC				3390	4150	4990	5940	7010	8220	9620
				27	PC				2080	2210	2340	2460	2580	2690	2780
				27	COP				1,63	1,88	2,13	2,41	2,72	3,06	3,46
				32	CC				3210	3930	4730	5620	5530	7790	9120
				32	PC				2290	2430	2560	2690	2810	2920	3010
				32	COP				1,40	1,62	1,85	2,09	1,97	2,67	3,03
				35	CC					3795	4565	5425	5850	7520	8810
				35	PC					2575	2710	2845	2965	3075	3165
				35	COP					1,48	1,69	1,92	1,97	2,46	2,78
				38	CC					3660	4400	5230	6170	7250	8500
				38	PC					2720	2860	3000	3120	3230	3320
				38	COP					1,35	1,54	1,74	1,98	2,24	2,56
				43	CC						4120	4900	5780		
				43	PC						3140	3280	3410		
				43	COP						1,31	1,49	1,70		
	3,5	JEHSCU0350CM3	ZB26KQE-TFD	27	CC				3840	4670	5600	6640	7830	9180	10750
				27	PC				2530	2710	2880	3060	3220	3360	3490
				27	COP				1,52	1,72	1,94	2,17	2,43	2,73	3,08
				32	CC					4430	5310	6300	7420	8710	10200
				32	PC					2960	3150	3330	3490	3640	3760
				32	COP					1,50	1,69	1,89	2,13	2,39	2,71
				35	CC					4280	5135	6090	7175	8430	9880
				35	PC					3125	3320	3505	3670	3810	3930
				35	COP					1,37	1,55	1,74	1,96	2,21	2,51
				38	CC						4960	5880	6930		
				38	PC						3490	3680	3850		
				38	COP						1,42	1,60	1,80		
				43	CC						4650	5520			
				43	PC						3810	4000			
				43	COP						1,22	1,38			

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27	CC				4080	5020	6080	7280	8640	10200	11950
				27	PC				2350	2460	2570	2680	2800	2910	3020
				27	COP				1,74	2,04	2,37	2,72	3,09	3,51	3,96
				32	CC				3810	4720	5760	6920	8250	9760	11500
				32	PC				2650	2740	2830	2930	3030	3130	3220
				32	COP				1,44	1,72	2,04	2,36	2,72	3,12	3,57
				35	CC					4530	5550	6695	8010	9500	11225
				35	PC					2940	3015	3100	3185	3270	3345
				35	COP					1,55	1,85	2,17	2,52	2,91	3,36
				38	CC					4340	5340	6470	7770	9240	10950
				38	PC					3140	3200	3270	3340	3410	3470
				38	COP					1,38	1,67	1,98	2,33	2,71	3,16
				43	CC						4990	6090	7350	8800	10500
				43	PC						3540	3580	3620	3660	3700
				43	COP							1,41	1,70	2,03	2,40
	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC				4590	5580	6700	7960	9390	11000	12850
				27	PC				2620	2760	2910	3070	3240	3390	3540
				27	COP				1,75	2,02	2,30	2,59	2,90	3,24	3,63
				32	CC				4300	5270	6370	7590	8980	10550	12400
				32	PC				2990	3100	3220	3370	3510	3640	3770
				32	COP				1,44	1,70	1,98	2,25	2,56	2,90	3,29
				35	CC					5075	6150	7360	8735	10300	12125
				35	PC					3340	3445	3570	3685	3800	3910
				35	COP					1,53	1,80	2,07	2,38	2,72	3,10
				38	CC					4880	5930	7130	8490	10050	11850
				38	PC					3580	3670	3770	3860	3960	4050
				38	COP					1,36	1,62	1,89	2,20	2,54	2,93
				43	CC						5570	6730	8070	9600	11350
				43	PC						4080	4130	4200	4260	4310
				43	COP							1,37	1,63	1,92	2,25
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC				5640	6970	8360	9880	11600	13550	15800
				27	PC				3630	3830	4050	4290	4530	4780	5020
				27	COP				1,55	1,82	2,06	2,30	2,56	2,83	3,15
				32	CC					6470	7880	9380	11050	13000	15300
				32	PC					4270	4430	4650	4860	5070	5280
				32	COP					1,52	1,78	2,02	2,27	2,56	2,90
				35	CC					6160	7575	9075	10750	12700	15000
				35	PC					4575	4705	4885	5065	5245	5430
				35	COP					1,35	1,62	1,87	2,13	2,43	2,76
				38	CC						7270	8770	10450	12400	14700
				38	PC						4980	5120	5270	5420	5580
				38	COP						1,46	1,71	1,98	2,29	2,63
				43	CC						6790	8290	9960		
				43	PC						5460	5540	5640		
				43	COP							1,24	1,50	1,77	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC				6540	8210	9950	11850	13900	16300	19000
				27	PC				4150	4270	4450	4660	4890	5150	5440
				27	COP				1,58	1,92	2,24	2,54	2,84	3,17	3,49
				32	CC					7750	9450	11250	13250	15550	18200
				32	PC					4660	4830	5050	5280	5540	5810
				32	COP					1,66	1,96	2,23	2,51	2,81	3,13
				35	CC					7465	9125	10900	12875	15125	17750
				35	PC					4920	5095	5305	5535	5780	6035
				35	COP					1,52	1,80	2,06	2,33	2,62	2,95
				38	CC					7180	8800	10550	12500	14700	17300
				38	PC					5180	5360	5560	5790	6020	6260
				38	COP					1,39	1,64	1,90	2,16	2,44	2,76
				43	CC						8290	9960	11850		
				43	PC						5820	6020	6230		
				43	COP						1,42	1,65	1,90		
	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC				7250	9120	11050	13100	15350	17950	20900
				27	PC				5010	5190	5420	5700	6020	6360	6730
				27	COP				1,45	1,76	2,04	2,30	2,55	2,82	3,11
				32	CC					8620	10500	12450	14650	17150	20000
				32	PC					5630	5850	6160	6470	6800	7150
				32	COP					1,53	1,79	2,02	2,26	2,52	2,80
				35	CC					8310	10145	12075	14225	16700	19550
				35	PC					5930	6160	6455	6755	7070	7190
				35	COP					1,40	1,65	1,88	2,11	2,36	2,72
				38	CC						9790	11700	13800		
				38	PC						6470	6750	7040		
				38	COP						1,51	1,73	1,96		
				43	CC						9250	11100			
				43	PC						7000	7270			
				43	COP						1,32	1,53			
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC				10800	13500	16550	20000	23800		
				27	PC				5590	5660	5740	5820	5900		
				27	COP				1,93	2,39	2,88	3,44	4,03		
				32	CC				10100	12650	15550	18700	22300		
				32	PC				6080	6230	6380	6530	6680		
				32	COP				1,66	2,03	2,44	2,86	3,34		
				35	CC					12100	14850	17875	21250		
				35	PC					6590	6795	7000	7205		
				35	COP					1,85	2,20	2,57	2,98		
				38	CC					11550	14150	17050	20200		
				38	PC					6950	7210	7470	7730		
				38	COP					1,66	1,96	2,28	2,61		
				43	CC						12900	15500	18350		
				43	PC						7950	8320	8690		
				43	COP						1,62	1,86	2,11		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 4	10	JEHSCU1000CM3	ZB76KCE-TFD	27	CC					16950	20700	25000	29900	
				27	PC					7960	8130	8280	8420	
				27	COP					2,13	2,55	3,02	3,55	
				32	CC					15850	19300	23200	27600	
				32	PC					8680	8990	9280	9560	
				32	COP					1,83	2,15	2,50	2,89	
				35	CC						18375	22000	26050	
				35	PC						9540	9940	10330	
				35	COP						1,94	2,23	2,55	
				38	CC						17450	20800	24500	
				38	PC						10090	10600	11100	
				38	COP						1,73	1,96	2,21	
				43	CC									
				43	PC									
				43	COP									

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC			590	751	936	1150	1400	1689	2024
				27	PC			445	473	505	541	579	616	653
				27	COP			1,33	1,59	1,85	2,13	2,42	2,74	3,10
				32	CC			545	697	872	1076	1312	1585	1902
				32	PC			465	493	526	563	604	645	686
				32	COP			1,17	1,41	1,66	1,91	2,17	2,46	2,77
				35	CC				665	834	1031	1259	1524	1831
				35	PC				506	539	577	619	662	706
				35	COP				1,31	1,55	1,79	2,03	2,30	2,59
				38	CC				632	796	986	1206	1463	1759
				38	PC				519	552	591	634	679	726
				38	COP				1,22	1,44	1,67	1,90	2,15	2,42
				43	CC				577	732	911	1119	1362	1643
				43	PC				543	576	615	660	708	758
				43	COP				1,06	1,27	1,48	1,70	1,92	2,17
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC			744	963	1214	1505	1842	2233	2687
				27	PC			563	610	661	714	769	822	873
				27	COP			1,32	1,58	1,84	2,11	2,40	2,72	3,08
				32	CC			674	882	1120	1395	1714	2084	2514
				32	PC			581	629	682	739	797	856	913
				32	COP			1,16	1,40	1,64	1,89	2,15	2,43	2,75
				35	CC				833	1064	1330	1639	1997	2414
				35	PC				640	695	753	814	876	936
				35	COP				1,30	1,53	1,77	2,01	2,28	2,58
				38	CC				784	1007	1264	1563	1910	2313
				38	PC				651	707	767	831	895	958
				38	COP				1,20	1,42	1,65	1,88	2,13	2,41
				43	CC				703	914	1157	1440	1770	2153
				43	PC				669	727	790	857	926	994
				43	COP				1,05	1,26	1,46	1,68	1,91	2,17
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC			903	1161	1456	1793	2182	2632	3155
				27	PC			667	728	796	870	948	1028	1106
				27	COP			1,35	1,59	1,83	2,06	2,30	2,56	2,85
				32	CC			818	1065	1345	1665	2035	2463	2959
				32	PC			690	752	822	899	981	1065	1150
				32	COP			1,19	1,42	1,64	1,85	2,07	2,31	2,57
				35	CC				1007	1279	1589	1948	2364	2845
				35	PC				767	838	916	1000	1087	1175
				35	COP				1,31	1,53	1,73	1,95	2,17	2,42
				38	CC				949	1212	1513	1861	2264	2731
				38	PC				781	853	933	1019	1109	1200
				38	COP				1,22	1,42	1,62	1,83	2,04	2,28
				43	CC					1101	1388	1719	2104	2549
				43	PC					878	960	1049	1143	1239
				43	COP					1,25	1,45	1,64	1,84	2,06

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC				1041	1383	1763	2204	2739	3318	3962
				27	PC				759	841	932	1029	1125	1229	1339
				27	COP				1,37	1,64	1,89	2,14	2,43	2,70	2,96
				32	CC				953	1278	1639	2041	2541	3063	3665
				32	PC				776	861	957	1062	1165	1281	1399
				32	COP				1,23	1,48	1,71	1,92	2,18	2,39	2,62
				35	CC				1210	1559	1947	2421	2913	3490	
				35	PC				873	972	1080	1189	1311	1435	
				35	COP				1,39	1,60	1,80	2,04	2,22	2,43	
				38	CC				1142	1479	1853	2300	2762	3315	
				38	PC				885	986	1097	1212	1341	1470	
				38	COP				1,29	1,50	1,69	1,90	2,06	2,26	
				43	CC				1025	1343	1684	2100	2514	3099	
				43	PC				902	1008	1126	1248	1387	1511	
				43	COP				1,14	1,33	1,50	1,68	1,81	2,05	

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC			1415	1832	2313	2867	3504	4238	5231
				27	PC			835	907	986	1073	1166	1265	1368
				27	COP			1,69	2,02	2,35	2,67	3,01	3,35	3,82
				32	CC			1305	1698	2149	2668	3267	3955	4889
				32	PC			866	942	1026	1118	1217	1323	1434
				32	COP			1,51	1,80	2,09	2,39	2,68	2,99	3,41
				35	CC			1238	1617	2051	2550	3126	3788	4687
				35	PC			883	962	1049	1144	1247	1357	1473
				35	COP			1,40	1,68	1,96	2,23	2,51	2,80	3,18
				38	CC			1170	1535	1952	2431	2984	3620	4484
				38	PC			900	981	1071	1170	1277	1391	1512
				38	COP			1,30	1,56	1,82	2,08	2,34	2,60	2,97
				43	CC				1399	1788	2235	2750	3344	4150
				43	PC				1012	1107	1212	1325	1447	1576
				43	COP				1,38	1,62	1,84	2,08	2,31	2,63
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC			1389	1825	2323	2891	3541	4284	5133
				27	PC			870	951	1035	1125	1219	1315	1412
				27	COP			1,60	1,92	2,24	2,57	2,90	3,26	3,64
				32	CC			1266	1681	2152	2689	3303	4005	4808
				32	PC			898	984	1075	1172	1273	1378	1484
				32	COP			1,41	1,71	2,00	2,29	2,59	2,91	3,24
				35	CC			1190	1593	2049	2567	3160	3837	4613
				35	PC			914	1004	1099	1200	1306	1416	1528
				35	COP			1,30	1,59	1,87	2,14	2,42	2,71	3,02
				38	CC			1114	1505	1945	2445	3016	3669	4417
				38	PC			929	1023	1122	1228	1338	1454	1571
				38	COP			1,20	1,47	1,73	1,99	2,25	2,52	2,81
				43	CC				1355	1770	2240	2776	3389	4091
				43	PC				1054	1160	1274	1393	1517	1644
				43	COP				1,29	1,53	1,76	1,99	2,23	2,49

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,7	JEHCCU0170CM1	CAJ4519Z	27		CC			1689	2178	2730	3349	4042	4815	
				27		PC			1214	1334	1461	1595	1737	1886	
				27		COP			1,39	1,63	1,87	2,10	2,33	2,55	
				32		CC			1558	2037	2574	3178	3855	4613	
				32		PC			1233	1360	1492	1631	1777	1930	
				32		COP			1,26	1,50	1,73	1,95	2,17	2,39	
				35		CC			1479	1951	2480	3075	3742	4492	
				35		PC			1242	1373	1510	1653	1801	1956	
				35		COP			1,19	1,42	1,64	1,86	2,08	2,30	
				38		CC				1865	2386	2971	3629	4370	
				38		PC				1386	1527	1674	1826	1982	
				38		COP				1,35	1,56	1,77	1,99	2,20	
				43		CC				1722	2228	2798	3440	4166	
				43		PC				1416	1568	1724	1883	2046	
				43		COP				1,22	1,42	1,62	1,83	2,04	
	1,7	JEHCCU0170CM3	TAJ4519Z	27		CC			1772	2237	2760	3345	3992	4705	
				27		PC			1148	1280	1418	1563	1716	1876	
				27		COP			1,54	1,75	1,95	2,14	2,33	2,51	
				32		CC			1603	2059	2572	3144	3782	4490	
				32		PC			1180	1317	1461	1611	1767	1929	
				32		COP			1,36	1,56	1,76	1,95	2,14	2,33	
				35		CC			1528	1976	2477	3035	3656	4345	
				35		PC			1192	1334	1482	1637	1798	1965	
				35		COP			1,28	1,48	1,67	1,85	2,03	2,21	
				38		CC				1880	2372	2920	3530	4209	
				38		PC				1351	1504	1664	1829	2000	
				38		COP				1,39	1,58	1,75	1,93	2,10	
				43		CC				1722	2200	2730	3320	3978	
				43		PC				1375	1539	1707	1881	2059	
				43		COP				1,25	1,43	1,60	1,77	1,93	
	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27		CC			2350	2920	3560	4290	5120	6070	7160
				27		PC			1410	1440	1480	1530	1590	1650	1710
				27		COP			1,67	2,03	2,41	2,80	3,22	3,68	4,19
				32		CC			2190	2730	3330	4030	4810	5710	6740
				32		PC			1600	1620	1650	1690	1750	1810	1870
				32		COP			1,37	1,69	2,02	2,38	2,75	3,15	3,60
				35		CC			1965	2605	3190	3860	4615	5485	6480
				35		PC			1740	1745	1770	1810	1860	1920	1980
				35		COP			1,13	1,51	1,82	2,15	2,50	2,87	3,27
				38		CC				2480	3050	3690	4420	5260	6220
				38		PC				1870	1890	1930	1970	2030	2090
				38		COP				1,33	1,61	1,91	2,24	2,59	2,98
				43		CC				2270	2800	3400	4080	4870	5770
				43		PC				2130	2140	2160	2200	2250	2300
				43		COP				1,07	1,31	1,57	1,85	2,16	2,51

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC				2350	2920	3560	4290	5120	6070	7160
				27	PC				1410	1440	1480	1530	1590	1650	1710
				27	COP				1,67	2,03	2,41	2,80	3,22	3,68	4,19
				32	CC				2190	2730	3330	4030	4810	5710	6740
				32	PC				1600	1620	1650	1690	1750	1810	1870
				32	COP				1,37	1,69	2,02	2,38	2,75	3,15	3,60
				35	CC				1965	2605	3190	3860	4615	5485	6480
				35	PC				1740	1745	1770	1810	1860	1920	1980
				35	COP				1,13	1,51	1,82	2,15	2,50	2,87	3,27
				38	CC				2480	3050	3690	4420	5260	6220	
				38	PC				1870	1890	1930	1970	2030	2090	
				38	COP				1,33	1,61	1,91	2,24	2,59	2,98	
				43	CC				2270	2800	3400	4080	4870	5770	
				43	PC				2130	2140	2160	2200	2250	2300	
				43	COP				1,07	1,31	1,57	1,85	2,16	2,51	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC				2710	3320	4020	4820	5730	6760	7940
				27	PC				1660	1730	1810	1890	1980	2080	2170
				27	COP				1,63	1,92	2,22	2,55	2,89	3,25	3,66
				32	CC				2560	3150	3820	4580	5440	6430	7560
				32	PC				1850	1910	1980	2070	2160	2250	2340
				32	COP				1,38	1,65	1,93	2,21	2,52	2,86	3,23
				35	CC				3040	3690	4430	5265	6225	7320	
				35	PC				2040	2105	2190	2275	2370	2460	
				35	COP				1,50	1,76	2,03	2,32	2,64	2,98	
				38	CC				2930	3560	4280	5090	6020	7080	
				38	PC				2170	2230	2310	2390	2490	2580	
				38	COP				1,35	1,60	1,85	2,13	2,42	2,74	
				43	CC				3350	4020	4790	5670	6680		
				43	PC				2470	2540	2620	2700	2790		
				43	COP				1,36	1,58	1,83	2,10	2,39		
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC				2710	3320	4020	4820	5730	6760	7940
				27	PC				1660	1730	1810	1890	1980	2080	2170
				27	COP				1,63	1,92	2,22	2,55	2,89	3,25	3,66
				32	CC				2560	3150	3820	4580	5440	6430	7560
				32	PC				1850	1910	1980	2070	2160	2250	2340
				32	COP				1,38	1,65	1,93	2,21	2,52	2,86	3,23
				35	CC				3040	3690	4430	5265	6225	7320	
				35	PC				2040	2105	2190	2275	2370	2460	
				35	COP				1,50	1,76	2,03	2,32	2,64	2,98	
				38	CC				2930	3560	4280	5090	6020	7080	
				38	PC				2170	2230	2310	2390	2490	2580	
				38	COP				1,35	1,60	1,85	2,13	2,42	2,74	
				43	CC				3350	4020	4790	5670	6680		
				43	PC				2470	2540	2620	2700	2790		
				43	COP				1,36	1,58	1,83	2,10	2,39		

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC				3390	4150	4990	5940	7010	8220	9620
				27	PC				2080	2210	2340	2460	2580	2690	2780
				27	COP				1,63	1,88	2,13	2,41	2,72	3,06	3,46
				32	CC				3210	3930	4730	5620	5530	7790	9120
				32	PC				2290	2430	2560	2690	2810	2920	3010
				32	COP				1,40	1,62	1,85	2,09	1,97	2,67	3,03
				35	CC				3795	4565	5425	5850	7520	8810	
				35	PC				2575	2710	2845	2965	3075	3165	
				35	COP				1,48	1,69	1,92	1,97	2,46	2,78	
				38	CC				3660	4400	5230	6170	7250	8500	
				38	PC				2720	2860	3000	3120	3230	3320	
				38	COP				1,35	1,54	1,74	1,98	2,24	2,56	
				43	CC					4120	4900	5780			
				43	PC					3140	3280	3410			
				43	COP					1,31	1,49	1,70			
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC				3390	4150	4990	5940	7010	8220	9620
				27	PC				2080	2210	2340	2460	2580	2690	2780
				27	COP				1,63	1,88	2,13	2,41	2,72	3,06	3,46
				32	CC				3210	3930	4730	5620	5530	7790	9120
				32	PC				2290	2430	2560	2690	2810	2920	3010
				32	COP				1,40	1,62	1,85	2,09	1,97	2,67	3,03
				35	CC				3795	4565	5425	5850	7520	8810	
				35	PC				2575	2710	2845	2965	3075	3165	
				35	COP				1,48	1,69	1,92	1,97	2,46	2,78	
				38	CC				3660	4400	5230	6170	7250	8500	
				38	PC				2720	2860	3000	3120	3230	3320	
				38	COP				1,35	1,54	1,74	1,98	2,24	2,56	
				43	CC					4120	4900	5780			
				43	PC					3140	3280	3410			
				43	COP					1,31	1,49	1,70			
	3,5	JEHSCU0350CM3	ZB26KQE-TFD	27	CC				3840	4670	5600	6640	7830	9180	10750
				27	PC				2530	2710	2880	3060	3220	3360	3490
				27	COP				1,52	1,72	1,94	2,17	2,43	2,73	3,08
				32	CC					4430	5310	6300	7420	8710	10200
				32	PC				2960	3150	3330	3490	3640	3760	
				32	COP				1,50	1,69	1,89	2,13	2,39	2,71	
				35	CC				4280	5135	6090	7175	8430	9880	
				35	PC				3125	3320	3505	3670	3810	3930	
				35	COP				1,37	1,55	1,74	1,96	2,21	2,51	
				38	CC					4960	5880	6930			
				38	PC					3490	3680	3850			
				38	COP					1,42	1,60	1,80			
				43	CC					4650	5520				
				43	PC					3810	4000				
				43	COP					1,22	1,38				

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27	CC				4080	5020	6080	7280	8640	10200	11950
				27	PC				2350	2460	2570	2680	2800	2910	3020
				27	COP				1,74	2,04	2,37	2,72	3,09	3,51	3,96
				32	CC				3810	4720	5760	6920	8250	9760	11500
				32	PC				2650	2740	2830	2930	3030	3130	3220
				32	COP				1,44	1,72	2,04	2,36	2,72	3,12	3,57
				35	CC				4530	5550	6695	8010	9500	11225	
				35	PC				2940	3015	3100	3185	3270	3345	
				35	COP				1,55	1,85	2,17	2,52	2,91	3,36	
				38	CC				4340	5340	6470	7770	9240	10950	
				38	PC				3140	3200	3270	3340	3410	3470	
				38	COP				1,38	1,67	1,98	2,33	2,71	3,16	
				43	CC					4990	6090	7350	8800	10500	
				43	PC					3540	3580	3620	3660	3700	
				43	COP					1,41	1,70	2,03	2,40	2,84	
	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC				4590	5580	6700	7960	9390	11000	12850
				27	PC				2620	2760	2910	3070	3240	3390	3540
				27	COP				1,75	2,02	2,30	2,59	2,90	3,24	3,63
				32	CC				4300	5270	6370	7590	8980	10550	12400
				32	PC				2990	3100	3220	3370	3510	3640	3770
				32	COP				1,44	1,70	1,98	2,25	2,56	2,90	3,29
				35	CC				5075	6150	7360	8735	10300	12125	
				35	PC				3340	3445	3570	3685	3800	3910	
				35	COP				1,53	1,80	2,07	2,38	2,72	3,10	
				38	CC				4880	5930	7130	8490	10050	11850	
				38	PC				3580	3670	3770	3860	3960	4050	
				38	COP				1,36	1,62	1,89	2,20	2,54	2,93	
				43	CC					5570	6730	8070	9600	11350	
				43	PC					4080	4130	4200	4260	4310	
				43	COP					1,37	1,63	1,92	2,25	2,63	
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC				5640	6970	8360	9880	11600	13550	15800
				27	PC				3630	3830	4050	4290	4530	4780	5020
				27	COP				1,55	1,82	2,06	2,30	2,56	2,83	3,15
				32	CC					6470	7880	9380	11050	13000	15300
				32	PC					4270	4430	4650	4860	5070	5280
				32	COP					1,52	1,78	2,02	2,27	2,56	2,90
				35	CC					6160	7575	9075	10750	12700	15000
				35	PC					4575	4705	4885	5065	5245	5430
				35	COP					1,35	1,62	1,87	2,13	2,43	2,76
				38	CC					7270	8770	10450	12400	14700	
				38	PC					4980	5120	5270	5420	5580	
				38	COP					1,46	1,71	1,98	2,29	2,63	
				43	CC					6790	8290	9960			
				43	PC					5460	5540	5640			
				43	COP					1,24	1,50	1,77			

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC				6540	8210	9950	11850	13900	16300	19000
				27	PC				4150	4270	4450	4660	4890	5150	5440
				27	COP				1,58	1,92	2,24	2,54	2,84	3,17	3,49
				32	CC					7750	9450	11250	13250	15550	18200
				32	PC					4660	4830	5050	5280	5540	5810
				32	COP					1,66	1,96	2,23	2,51	2,81	3,13
				35	CC					7465	9125	10900	12875	15125	17750
				35	PC					4920	5095	5305	5535	5780	6035
				35	COP					1,52	1,80	2,06	2,33	2,62	2,95
				38	CC					7180	8800	10550	12500	14700	17300
				38	PC					5180	5360	5560	5790	6020	6260
				38	COP					1,39	1,64	1,90	2,16	2,44	2,76
				43	CC						8290	9960	11850		
				43	PC						5820	6020	6230		
				43	COP						1,42	1,65	1,90		
	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC				7250	9120	11050	13100	15350	17950	20900
				27	PC				5010	5190	5420	5700	6020	6360	6730
				27	COP				1,45	1,76	2,04	2,30	2,55	2,82	3,11
				32	CC					8620	10500	12450	14650	17150	20000
				32	PC					5630	5850	6160	6470	6800	7150
				32	COP					1,53	1,79	2,02	2,26	2,52	2,80
				35	CC					8310	10145	12075	14225	16700	19550
				35	PC					5930	6160	6455	6755	7070	7190
				35	COP					1,40	1,65	1,88	2,11	2,36	2,72
				38	CC						9790	11700	13800		
				38	PC						6470	6750	7040		
				38	COP						1,51	1,73	1,96		
				43	CC						9250	11100			
				43	PC						7000	7270			
				43	COP						1,32	1,53			
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC				10800	13500	16550	20000	23800		
				27	PC				5590	5660	5740	5820	5900		
				27	COP				1,93	2,39	2,88	3,44	4,03		
				32	CC				10100	12650	15550	18700	22300		
				32	PC				6080	6230	6380	6530	6680		
				32	COP				1,66	2,03	2,44	2,86	3,34		
				35	CC					12100	14850	17875	21250		
				35	PC					6590	6795	7000	7205		
				35	COP					1,85	2,20	2,57	2,98		
				38	CC					11550	14150	17050	20200		
				38	PC					6950	7210	7470	7730		
				38	COP					1,66	1,96	2,28	2,61		
				43	CC						12900	15500	18350		
				43	PC						7950	8320	8690		
				43	COP						1,62	1,86	2,11		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 4	10	JEHSCU1000CM3	ZB76KCE-TFD	27	CC					16950	20700	25000	29900	
				27	PC					7960	8130	8280	8420	
				27	COP					2,13	2,55	3,02	3,55	
				32	CC					15850	19300	23200	27600	
				32	PC					8680	8990	9280	9560	
				32	COP					1,83	2,15	2,50	2,89	
				35	CC						18375	22000	26050	
				35	PC						9540	9940	10330	
				35	COP						1,94	2,23	2,55	
				38	CC						17450	20800	24500	
				38	PC						10090	10600	11100	
				38	COP						1,73	1,96	2,21	
				43	CC									
				43	PC									
				43	COP									

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R452A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC				676	834	1016	1225	1464	1738	2050
				27	PC				483	515	549	583	617	651	684
				27	COP				1,40	1,62	1,85	2,10	2,37	2,67	3,00
				32	CC				631	780	949	1143	1365	1619	1908
				32	PC				494	530	567	605	644	683	722
				32	COP				1,28	1,47	1,67	1,89	2,12	2,37	2,64
				35	CC				603	746	908	1093	1305	1546	1821
				35	PC				501	539	578	619	660	703	745
				35	COP				1,20	1,39	1,57	1,77	1,98	2,20	2,44
				38	CC				575	712	867	1043	1244	1473	1734
				38	PC				507	547	588	632	676	722	768
				38	COP				1,13	1,30	1,47	1,65	1,84	2,04	2,26
				43	CC				527	654	796	957	1140	1349	1586
				43	PC				517	560	606	653	703	754	806
				43	COP				1,02	1,17	1,31	1,47	1,62	1,79	1,97
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC				854	1076	1327	1614	1943	2318	2745
				27	PC				612	665	718	769	819	866	910
				27	COP				1,40	1,62	1,85	2,10	2,37	2,68	3,02
				32	CC				789	995	1229	1494	1796	2141	2533
				32	PC				618	677	736	794	851	906	959
				32	COP				1,28	1,47	1,67	1,88	2,11	2,36	2,64
				35	CC				749	947	1169	1421	1708	2035	2407
				35	PC				620	683	745	808	869	929	987
				35	COP				1,21	1,39	1,57	1,76	1,97	2,19	2,44
				38	CC				708	898	1109	1348	1620	1928	2280
				38	PC				621	688	754	821	887	952	1014
				38	COP				1,14	1,31	1,47	1,64	1,83	2,03	2,25
				43	CC				640	815	1009	1226	1472	1751	2067
				43	PC				620	693	766	840	914	987	1058
				43	COP				1,03	1,18	1,32	1,46	1,61	1,77	1,95
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC				1038	1300	1595	1929	2308	2739	3229
				27	PC				722	792	864	936	1009	1082	1153
				27	COP				1,44	1,64	1,85	2,06	2,29	2,53	2,80
				32	CC				964	1208	1481	1789	2137	2532	2982
				32	PC				729	806	884	964	1045	1127	1207
				32	COP				1,32	1,50	1,68	1,86	2,04	2,25	2,47
				35	CC				918	1152	1412	1704	2034	2407	2832
				35	PC				731	812	895	979	1065	1152	1238
				35	COP				1,26	1,42	1,58	1,74	1,91	2,09	2,29
				38	CC				872	1096	1343	1619	1930	2282	2681
				38	PC				733	818	905	994	1085	1177	1269
				38	COP				1,19	1,34	1,48	1,63	1,78	1,94	2,11
				43	CC				794	1000	1226	1476	1756	2071	2428
				43	PC				733	824	918	1015	1114	1215	1317
				43	COP				1,08	1,21	1,34	1,45	1,58	1,70	1,84

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R452A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC				1234	1567	1936	2346	2803	3317	3893
				27	PC				812	910	1009	1111	1215	1321	1427
				27	COP				1,52	1,72	1,92	2,11	2,31	2,51	2,73
				32	CC				1135	1446	1788	2166	2587	3057	3584
				32	PC				816	922	1031	1142	1255	1371	1488
				32	COP				1,39	1,57	1,73	1,90	2,06	2,23	2,41
				35	CC				1075	1373	1699	2058	2456	2900	3398
				35	PC				815	927	1041	1158	1277	1399	1523
				35	COP				1,32	1,48	1,63	1,78	1,92	2,07	2,23
				38	CC				1014	1299	1609	1949	2325	2743	3211
				38	PC				814	931	1050	1173	1299	1427	1557
				38	COP				1,25	1,40	1,53	1,66	1,79	1,92	2,06
				43	CC				909	1173	1458	1766	2105	2480	2896
				43	PC				805	932	1061	1193	1329	1468	1610
				43	COP				1,13	1,26	1,37	1,48	1,58	1,69	1,80

R452A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC			1514	1910	2360	2874	3465	4143	4920
				27	PC			937	1026	1114	1203	1295	1390	1491
				27	COP			1,62	1,86	2,12	2,39	2,68	2,98	3,30
				32	CC			1414	1782	2196	2665	3199	3808	4505
				32	PC			948	1047	1146	1246	1350	1458	1570
				32	COP			1,49	1,70	1,92	2,14	2,37	2,61	2,87
				35	CC			1353	1704	2096	2538	3038	3606	4253
				35	PC			952	1057	1162	1270	1381	1497	1618
				35	COP			1,42	1,61	1,80	2,00	2,20	2,41	2,63
				38	CC			1292	1626	1996	2410	2876	3404	4001
				38	PC			956	1067	1178	1293	1411	1535	1665
				38	COP			1,35	1,52	1,69	1,86	2,04	2,22	2,40
				43	CC			1189	1494	1828	2195	2604	3062	3576
				43	PC			956	1078	1200	1327	1458	1597	1742
				43	COP			1,24	1,39	1,52	1,65	1,79	1,92	2,05
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC			1474	1895	2367	2898	3502	4191	4975
				27	PC			973	1073	1168	1262	1355	1447	1540
				27	COP			1,51	1,77	2,03	2,30	2,58	2,90	3,23
				32	CC			1363	1758	2195	2684	3235	3858	4565
				32	PC			982	1093	1201	1307	1414	1520	1628
				32	COP			1,39	1,61	1,83	2,05	2,29	2,54	2,80
				35	CC			1295	1674	2090	2552	3071	3654	4314
				35	PC			984	1103	1218	1333	1448	1564	1682
				35	COP			1,32	1,52	1,72	1,92	2,12	2,34	2,57
				38	CC			1226	1590	1985	2420	2906	3450	4062
				38	PC			986	1112	1235	1358	1482	1607	1735
				38	COP			1,24	1,43	1,61	1,78	1,96	2,15	2,34
				43	CC			1111	1447	1806	2197	2626	3102	3632
				43	PC			984	1122	1258	1396	1535	1678	1823
				43	COP			1,13	1,29	1,44	1,57	1,71	1,85	1,99

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R452A Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,7	JEHCCU0170CM1	CAJ4519Z	27		CC			1843	2327	2864	3456	4106	4816	
				27		PC			1327	1459	1597	1742	1893	2054	
				27		COP			1,39	1,59	1,79	1,98	2,17	2,34	
				32		CC			1693	2165	2685	3259	3890	4584	
				32		PC			1344	1484	1628	1777	1933	2096	
				32		COP			1,26	1,46	1,65	1,83	2,01	2,19	
				35		CC			1601	2066	2577	3140	3760	4444	
				35		PC			1352	1497	1645	1798	1957	2122	
				35		COP			1,18	1,38	1,57	1,75	1,92	2,09	
				38		CC			1510	1967	2467	3019	3629	4303	
				38		PC			1357	1508	1662	1819	1980	2147	
				38		COP			1,11	1,30	1,49	1,66	1,83	2,00	
				43		CC				1800	2284	2817	3408	4066	
				43		PC				1523	1686	1851	2019	2189	
				43		COP				1,18	1,35	1,52	1,69	1,86	
	1,7	JEHCCU0170CM3	TAJ4519Z	27		CC			1942	2400	2907	3462	4064	4712	
				27		PC			1222	1363	1509	1661	1820	1987	
				27		COP			1,59	1,76	1,93	2,08	2,23	2,37	
				32		CC			1745	2194	2688	3230	3822	4467	
				32		PC			1252	1400	1551	1707	1869	2037	
				32		COP			1,39	1,57	1,73	1,89	2,05	2,19	
				35		CC			1661	2099	2579	3104	3676	4298	
				35		PC			1263	1415	1571	1732	1899	2072	
				35		COP			1,32	1,48	1,64	1,79	1,94	2,07	
				38		CC			1557	1987	2457	2970	3529	4138	
				38		PC			1273	1431	1592	1758	1929	2105	
				38		COP			1,22	1,39	1,54	1,69	1,83	1,97	
				43		CC				1803	2255	2746	3282	3868	
				43		PC				1452	1624	1799	1977	2160	
				43		COP				1,24	1,39	1,53	1,66	1,79	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R134a Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure												
	HP	MODEL	COMPRESSOR	Ta - Te	(Watts)	-15	-10	-5	0	5	10	15
Series 1	0,4	JEHCCU0040CM1	AE4440Y	27	CC	488	619	750	884	1118	1330	1571
				27	PC	363	386	414	448	463	490	516
				27	COP	1,34	1,60	1,81	1,97	2,41	2,71	3,04
				32	CC	470	590	708	879	1058	1260	1489
				32	PC	367	393	425	450	479	509	540
				32	COP	1,28	1,50	1,67	1,95	2,21	2,48	2,76
				35	CC	453	569	681	846	1017	1210	1430
				35	PC	346	373	407	434	465	498	532
				35	COP	1,31	1,53	1,68	1,95	2,19	2,43	2,69
				38	CC	435	548	654	812	976	1160	1371
				38	PC	325	353	388	417	451	487	523
				38	COP	1,34	1,55	1,69	1,95	2,16	2,38	2,62
				43	CC	406	513	633	784	954	1150	1377
				43	PC	331	361	393	424	457	490	521
				43	COP	1,23	1,42	1,61	1,85	2,09	2,35	2,64
	0,51	JEHCCU0051CM1	CAJ4461Y	27	CC	739	965	1162	1480	1804	2172	2586
				27	PC	445	482	538	573	618	664	712
				27	COP	1,66	2,00	2,16	2,58	2,92	3,27	3,63
				32	CC	691	889	1090	1386	1696	2052	2453
				32	PC	458	503	557	598	646	694	745
				32	COP	1,51	1,77	1,96	2,32	2,63	2,96	3,29
				35	CC	659	850	1045	1330	1631	1976	2368
				35	PC	465	512	568	612	662	713	766
				35	COP	1,42	1,66	1,84	2,17	2,46	2,77	3,09
				38	CC	627	810	1000	1273	1565	1900	2283
				38	PC	471	521	579	626	678	732	786
				38	COP	1,33	1,55	1,73	2,03	2,31	2,60	2,90
				43	CC	575	745	925	1178	1452	1765	2133
				43	PC	478	534	595	648	705	764	821
				43	COP	1,20	1,40	1,55	1,82	2,06	2,31	2,60
	0,63	JEHCCU0063CM1	CAJ4476Y	27	CC	896	1143	1374	1733	2092	2494	2942
				27	PC	535	582	642	685	740	799	864
				27	COP	1,67	1,96	2,14	2,53	2,83	3,12	3,41
				32	CC	822	1059	1286	1629	1977	2364	2806
				32	PC	544	597	659	709	767	831	897
				32	COP	1,51	1,77	1,95	2,30	2,58	2,84	3,13
				35	CC	775	1005	1229	1562	1902	2284	2715
				35	PC	547	604	669	723	784	850	919
				35	COP	1,42	1,66	1,84	2,16	2,43	2,69	2,95
				38	CC	727	951	1172	1495	1827	2203	2624
				38	PC	549	611	678	737	801	869	941
				38	COP	1,32	1,56	1,73	2,03	2,28	2,54	2,79
				43	CC	649	862	1073	1379	1694	2051	2453
				43	PC	548	618	692	758	830	904	982
				43	COP	1,18	1,39	1,55	1,82	2,04	2,27	2,50

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 1	0,77	JEHCCU0077M1	CAJ4492Y	27	CC	1086	1383	1644	2081	2499	2965	3478	
				27	PC	601	665	749	807	885	967	1057	
				27	COP	1,81	2,08	2,19	2,58	2,82	3,07	3,29	
				32	CC	1002	1285	1543	1957	2363	2815	3317	
				32	PC	644	695	800	866	947	1033	1125	
				32	COP	1,56	1,85	1,93	2,26	2,50	2,73	2,95	
				35	CC	948	1223	1479	1880	2276	2719	3213	
				35	PC	634	699	797	868	952	1041	1135	
				35	COP	1,50	1,75	1,86	2,17	2,39	2,61	2,83	
				38	CC	893	1161	1414	1802	2189	2623	3108	
				38	PC	623	703	793	870	957	1048	1144	
				38	COP	1,43	1,65	1,78	2,07	2,29	2,50	2,72	
				43	CC	805	1060	1304	1669	2038	2451	2914	
				43	PC	624	713	809	896	990	1088	1190	
				43	COP	1,29	1,49	1,61	1,86	2,06	2,25	2,45	
	0,95	JEHCCU0095CM1	CAJ4511Y	27	CC	1474	1795	2099	2530	3003	3520	4081	
				27	PC	760	840	931	1027	1133	1253	1388	
				27	COP	1,94	2,14	2,25	2,46	2,65	2,81	2,94	
				32	CC	1271	1604	1970	2385	2842	3345	3895	
				32	PC	773	861	955	1055	1165	1287	1423	
				32	COP	1,64	1,86	2,06	2,26	2,44	2,60	2,74	
				35	CC	1206	1530	1888	2293	2740	3233	3774	
				35	PC	778	871	970	1073	1186	1309	1447	
				35	COP	1,55	1,76	1,95	2,14	2,31	2,47	2,61	
				38	CC	1140	1456	1806	2200	2637	3121	3653	
				38	PC	782	881	984	1091	1206	1331	1470	
				38	COP	1,46	1,65	1,84	2,02	2,19	2,34	2,49	
				43	CC	1036	1337	1666	2036	2446	2899	3399	
				43	PC	783	893	1005	1121	1244	1377	1521	
				43	COP	1,32	1,50	1,66	1,82	1,97	2,11	2,23	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 2	2	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC	1770	2220	2740	3320	3980	4720	5550	
				27	PC	1010	1040	1070	1110	1140	1170	1210	
				27	COP	1,75	2,13	2,56	2,99	3,49	4,03	4,59	
				32	CC	1690	2130	2610	3170	3800	4530	5320	
				32	PC	1080	1110	1150	1180	1220	1260	1300	
				32	COP	1,56	1,92	2,27	2,69	3,11	3,60	4,09	
				35	CC	1640	2060	2535	3075	3690	4395	5170	
				35	PC	1125	1160	1200	1235	1275	1320	1360	
				35	COP	1,46	1,78	2,11	2,49	2,89	3,33	3,80	
				38	CC	1590	1990	2460	2980	3580	4260	5020	
				38	PC	1170	1210	1250	1290	1330	1380	1420	
				38	COP	1,36	1,64	1,97	2,31	2,69	3,09	3,54	
				43	CC	1510	1870	2320	2820	3390	4050	4770	
				43	PC	1260	1320	1350	1390	1440	1470	1520	
				43	COP	1,20	1,42	1,72	2,03	2,35	2,76	3,14	
	2	JEHSCU0200CM3	ZB15KQE-TFD	27	CC		2350	2890	3520	4250	5080	6030	
				27	PC		945	965	995	1015	1035	1065	
				27	COP		2,49	2,99	3,54	4,19	4,91	5,66	
				32	CC		2240	2760	3360	4050	4850	5730	
				32	PC		1025	1055	1075	1105	1125	1155	
				32	COP		2,19	2,62	3,13	3,67	4,31	4,96	
				35	CC			2680	3260	3925	4690	5545	
				35	PC			1105	1135	1165	1190	1220	
				35	COP			2,43	2,87	3,37	3,94	4,55	
				38	CC			2600	3160	3800	4530	5360	
				38	PC			1155	1195	1225	1255	1285	
				38	COP			2,25	2,64	3,10	3,61	4,17	
				43	CC				2990	3600	4310	5080	
				43	PC				1295	1335	1365	1405	
				43	COP				2,31	2,70	3,16	3,62	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27		CC		4010	4920	5950	7140	8480	9980
				27		PC		1460	1510	1560	1620	1680	1750
				27		COP		2,75	3,26	3,81	4,41	5,05	5,70
				32		CC		3800	4680	5690	6840	8150	9620
				32		PC		1610	1650	1700	1750	1800	1860
				32		COP		2,36	2,84	3,35	3,91	4,53	5,17
				35		CC			4535	5525	6660	7945	9400
				35		PC			1750	1795	1835	1885	1935
				35		COP			2,59	3,08	3,63	4,21	4,86
				38		CC			4390	5360	6480	7740	9180
				38		PC			1850	1890	1920	1970	2010
				38		COP			2,37	2,84	3,38	3,93	4,57
				43		CC				5070	6160	7400	8810
				43		PC				2060	2080	2110	2140
				43		COP				2,46	2,96	3,51	4,12
	4	JEHSCU0400CM3	ZB29KQE-TFD	27		CC		4630	5630	6770	8090	9600	11300
				27		PC		1660	1730	1800	1880	1950	2030
				27		COP		2,79	3,25	3,76	4,30	4,92	5,57
				32		CC		4370	5340	6460	7750	9230	10900
				32		PC		1850	1910	1970	2030	2100	2160
				32		COP		2,36	2,80	3,28	3,82	4,40	5,05
				35		CC			5165	6270	7545	9000	10650
				35		PC			2030	2080	2135	2195	2250
				35		COP			2,54	3,01	3,53	4,10	4,73
				38		CC			4990	6080	7340	8770	10400
				38		PC			2150	2190	2240	2290	2340
				38		COP			2,32	2,78	3,28	3,83	4,44
				43		CC				5750	6980	8380	10000
				43		PC				2390	2420	2450	2490
				43		COP				2,41	2,88	3,42	4,02

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15	
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27		CC	6940	8610	10550	12850	15450	18350	21600	
				27		PC	3330	3430	3540	3660	3770	3900	4030	
				27		COP	2,08	2,51	2,98	3,51	4,10	4,71	5,36	
				32		CC	6600	8210	10100	12250	14750	17550	20700	
				32		PC	3630	3740	3860	3980	4100	4230	4360	
				32		COP	1,82	2,20	2,62	3,08	3,60	4,15	4,75	
				35		CC	6410	7975	9815	11925	14350	17100	20150	
				35		PC	3820	3930	4050	4175	4295	4425	4550	
				35		COP	1,68	2,03	2,42	2,86	3,34	3,86	4,43	
				38		CC	6220	7740	9530	11600	13950	16650	19600	
				38		PC	4010	4120	4240	4370	4490	4620	4740	
				38		COP	1,55	1,88	2,25	2,65	3,11	3,60	4,14	
				43		CC			7260	8930	10850	13100	15550	18350
				43		PC			4560	4700	4840	4970	5110	5240
				43		COP			1,59	1,90	2,24	2,64	3,04	3,50
	10	JEHSCU1000CM3	ZB76KCE-TFD	27		CC	9190	11300	13750	16550	19750	23200	27100	
				27		PC	4290	4470	4690	4910	5100	5270	5350	
				27		COP	2,14	2,53	2,93	3,37	3,87	4,40	5,07	
				32		CC	8730	10750	13100	15800	18850	22200	25900	
				32		PC	4700	4860	5100	5320	5510	5670	5750	
				32		COP	1,86	2,21	2,57	2,97	3,42	3,92	4,50	
				35		CC	8485	10450	12725	15375	18350	21650	25250	
				35		PC	4940	5110	5335	5560	5745	5905	5975	
				35		COP	1,72	2,05	2,39	2,77	3,19	3,67	4,23	
				38		CC	8240	10150	12350	14950	17850	21100	24600	
				38		PC	5180	5360	5570	5800	5980	6140	6200	
				38		COP	1,59	1,89	2,22	2,58	2,98	3,44	3,97	
				43		CC			9460	11550	13900	16650	19650	23000
				43		PC			5920	6160	6400	6600	6770	6840
				43		COP			1,60	1,88	2,17	2,52	2,90	3,36

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC						728	939	1235	1580	1978
				27	PC						489	502	553	586	613
				27	COP						1,49	1,87	2,23	2,69	3,23
				32	CC						721	927	1206	1529	1900
				32	PC						501	524	575	616	649
				32	COP						1,44	1,77	2,10	2,48	2,93
				35	CC						709	910	1178	1485	1838
				35	PC						510	538	589	633	671
				35	COP						1,39	1,69	2,00	2,34	2,74
				38	CC						697	894	1149	1440	1777
				38	PC						518	551	602	651	693
				38	COP						1,35	1,62	1,91	2,21	2,57
				43	CC						664	848	1080	1344	1648
				43	PC						533	573	627	681	730
				43	COP						1,25	1,48	1,72	1,97	2,26
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC						992	1296	1713	2197	2755
				27	PC						650	673	740	786	820
				27	COP						1,53	1,92	2,31	2,80	3,36
				32	CC						966	1257	1642	2086	2598
				32	PC						663	699	768	824	870
				32	COP						1,46	1,80	2,14	2,53	2,99
				35	CC						940	1220	1584	2002	2484
				35	PC						670	714	785	847	898
				35	COP						1,40	1,71	2,02	2,36	2,77
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC						1225	1596	2096	2668	3325
				27	PC						784	825	915	985	1043
				27	COP						1,56	1,93	2,29	2,71	3,19
				32	CC						1192	1543	2000	2520	3116
				32	PC						801	857	949	1031	1102
				32	COP						1,49	1,80	2,11	2,44	2,83
				35	CC						1159	1495	1923	2407	2965
				35	PC						809	874	969	1057	1135
				35	COP						1,43	1,71	1,99	2,28	2,61
	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC						1553	2029	2650	3345	4121
				27	PC						916	981	1099	1204	1298
				27	COP						1,70	2,07	2,41	2,78	3,17
				32	CC						1487	1932	2490	3106	3792
				32	PC						935	1019	1143	1260	1370
				32	COP						1,59	1,89	2,18	2,46	2,77
				35	CC						1431	1852	2369	2943	3571
				35	PC						946	1040	1166	1293	1412
				35	COP						1,51	1,78	2,03	2,28	2,53
				43	PC						1553	2029	2650	3345	4121
				43	COP						916	981	1099	1204	1298

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3,0	JEHCCU0300CM3	MTZ36-4VM	27	CC					3641	4577	5630	6822	8180	
				27	PC					1983	2254	2537	2827	3119	
				27	COP					1,84	2,03	2,22	2,41	2,62	
				32	CC					3409	4302	5303	6431	7711	
				32	PC					2017	2304	2605	2916	3231	
				32	COP					1,69	1,87	2,04	2,21	2,39	
				35	CC					3266	4134	5103	6194	7430	
				35	PC					2035	2332	2644	2967	3296	
				35	COP					1,60	1,77	1,93	2,09	2,25	
				38	CC					3122	3965	4903	5956	7149	
				38	PC					2053	2359	2682	3018	3361	
				38	COP					1,52	1,68	1,83	1,97	2,13	
				43	CC					2874	3676	4564	5555	6678	
				43	PC					2078	2401	2742	3099	3466	
				43	COP					1,38	1,53	1,66	1,79	1,93	
	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC					2880	3590	4390	5300	6320	
				27	PC					1445	1465	1485	1515	1555	
				27	COP					1,99	2,45	2,96	3,50	4,06	
				32	CC					2720	3390	4160	5020	6000	
				32	PC					1575	1595	1615	1655	1685	
				32	COP					1,73	2,13	2,58	3,03	3,56	
				35	CC					2620	3270	4015	4855	5805	
				35	PC					1655	1680	1705	1740	1775	
				35	COP					1,58	1,95	2,35	2,79	3,27	
				27	CC					2880	3560	4320	5190	6210	
	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	PC					1465	1485	1515	1565	1605	
				27	COP					1,97	2,40	2,85	3,32	3,87	
				32	CC					2710	3360	4090	4920	5900	
				32	PC					1605	1625	1655	1695	1745	
				32	COP					1,69	2,07	2,47	2,90	3,38	
				35	CC					2610	3240	3945	4760	5715	
				35	PC					1695	1715	1745	1790	1840	
				35	COP					1,54	1,89	2,26	2,66	3,11	
				38	CC					2510	3120	3800	4600	5530	
				38	PC					1785	1805	1835	1885	1935	
				38	COP					1,41	1,73	2,07	2,44	2,86	
				43	CC					2350	2910	3560	4320	5210	
				43	PC					1945	1965	2005	2055	2105	
				43	COP					1,21	1,48	1,78	2,10	2,48	

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC					3450	4190	5030	6020	7160	
				27	PC					1775	1835	1885	1925	1945	
				27	COP					1,94	2,28	2,67	3,13	3,68	
				32	CC					3280	3980	4790	5720	6820	
				32	PC					1935	1985	2035	2075	2095	
				32	COP					1,70	2,01	2,35	2,76	3,26	
				35	CC						3850	4635	5545	6610	
				35	PC						2085	2135	2175	2190	
				35	COP						1,85	2,17	2,55	3,02	
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC					3410	4150	4990	5960	7090	
				27	PC					1795	1865	1925	1975	2005	
				27	COP					1,90	2,23	2,59	3,02	3,54	
				32	CC					3240	3940	4740	5670	6750	
				32	PC					1945	2025	2085	2145	2175	
				32	COP					1,67	1,95	2,27	2,64	3,10	
				35	CC					3135	3810	4590	5495	6545	
				35	PC					2040	2120	2190	2245	2275	
				35	COP					1,54	1,80	2,10	2,45	2,88	
				38	CC					3030	3680	4440	5320	6340	
				38	PC					2135	2215	2295	2345	2375	
				38	COP					1,42	1,66	1,93	2,27	2,67	
				43	CC						3470	4190	5020	5980	
				43	PC						2385	2465	2525	2555	
				43	COP						1,45	1,70	1,99	2,34	
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC					4040	4880	5840	6950	8250	
				27	PC					2165	2295	2395	2465	2505	
				27	COP					1,87	2,13	2,44	2,82	3,29	
				32	CC					3850	4650	5570	6630	7870	
				32	PC					2335	2465	2565	2635	2675	
				32	COP					1,65	1,89	2,17	2,52	2,94	
				35	CC						4520	5405	6435	7635	
				35	PC						2575	2675	2745	2780	
				35	COP						1,76	2,02	2,34	2,75	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC					3920	4790	5780	6930	8260	
				27	PC					2125	2265	2405	2515	2565	
				27	COP					1,84	2,11	2,40	2,76	3,22	
				32	CC					3710	4540	5490	6580	7850	
				32	PC					2295	2445	2585	2705	2765	
				32	COP					1,62	1,86	2,12	2,43	2,84	
				35	CC					3580	4385	5310	6365	7595	
				35	PC					2405	2560	2705	2825	2890	
				35	COP					1,49	1,71	1,96	2,25	2,63	
				38	CC					3450	4230	5130	6150	7340	
				38	PC					2515	2675	2825	2945	3015	
				38	COP					1,37	1,58	1,82	2,09	2,43	
				43	CC						3980	4820			
				43	PC						2875	3035			
				43	COP						1,38	1,59			
	3	JEHSCU0360CM3	ZB26KQE-TFD	27	CC					4940	5990	7200	8620	10300	
				27	PC					2250	2350	2450	2540	2620	
				27	COP					2,20	2,55	2,94	3,39	3,93	
				32	CC					4590	5610	6800	8210	9920	
				32	PC					2490	2580	2670	2740	2780	
				32	COP					1,84	2,17	2,55	3,00	3,57	
				35	CC					4380	5380	6550	7950	9660	
				35	PC					2655	2740	2820	2875	2900	
				35	COP					1,65	1,96	2,32	2,77	3,33	
				38	CC					4170	5150	6300	7690	9400	
				38	PC					2820	2900	2970	3010	3020	
				38	COP					1,48	1,78	2,12	2,55	3,11	
				43	CC						4750	5870	7240	8920	
				43	PC						3200	3250	3270	3260	
				43	COP						1,48	1,81	2,21	2,74	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC					5740	7020	8470	10100	11950	
				27	PC					2530	2650	2780	2920	3060	
				27	COP					2,27	2,65	3,05	3,46	3,91	
				32	CC					5330	6570	7990	9630	11500	
				32	PC					2870	2970	3070	3180	3260	
				32	COP					1,86	2,21	2,60	3,03	3,53	
				35	CC					5075	6285	7690	9320	11200	
				35	PC					3110	3195	3275	3360	3415	
				35	COP					1,63	1,97	2,35	2,77	3,28	
				38	CC					4820	6000	7390	9010	10900	
				38	PC					3350	3420	3480	3540	3570	
				38	COP					1,44	1,75	2,12	2,55	3,05	
				43	CC						5510	6850	8450	10350	
				43	PC						3850	3870	3880	3870	
				43	COP						1,43	1,77	2,18	2,67	
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC					7080	8570	10250	12100	14100	
				27	PC					3350	3590	3840	4110	4380	
				27	COP					2,11	2,39	2,67	2,94	3,22	
				32	CC					6580	8030	9680	11550	13700	
				32	PC					3710	3930	4160	4380	4580	
				32	COP					1,77	2,04	2,33	2,64	2,99	
				35	CC					6270	7690	9320	11200	13350	
				35	PC					3960	4170	4375	4565	4720	
				35	COP					1,58	1,84	2,13	2,45	2,83	
				38	CC						7350	8960	10850		
				38	PC						4410	4590	4750		
				38	COP						1,67	1,95	2,28		
				43	CC						6770				
				43	PC						4860				
				43	COP						1,39				
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC					7980	9810	11950	14400	17250	
				27	PC					4120	4230	4320	4380	4430	
				27	COP					1,94	2,32	2,77	3,29	3,89	
				32	CC					7560	9240	11150	12400	15950	
				32	PC					4450	4620	4780	4920	5030	
				32	COP					1,70	2,00	2,33	2,52	3,17	
				35	CC					7300	8880	10675	12250	15100	
				35	PC					4650	4865	5075	5260	5420	
				35	COP					1,57	1,83	2,10	2,33	2,79	
				38	CC					7040	8520	10200	12100		
				38	PC					4850	5110	5370	5600		
				38	COP					1,45	1,67	1,90	2,16		
				43	CC						7890				
				43	PC						5530				
				43	COP						1,43				

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27		CC				9000	11000	13350	16050	19250	
				27		PC				4900	5060	5190	5290	5350	
				27		COP				1,84	2,17	2,57	3,03	3,60	
				32		CC				8540	10350	12450	14800	17600	
				32		PC				5280	5540	5770	5970	6110	
				32		COP				1,62	1,87	2,16	2,48	2,88	
				35		CC				8240	9925	11850	14050	16600	
				35		PC				5530	5850	6155	6410	6620	
				35		COP				1,49	1,70	1,93	2,19	2,51	
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27		CC				10800	13400	16450	19950	23900	
				27		PC				5510	5700	5880	6030	6130	
				27		COP				1,96	2,35	2,80	3,31	3,90	
				32		CC				10100	12550	15450	18750	22500	
				32		PC				6050	6240	6440	6610	6740	
				32		COP				1,67	2,01	2,40	2,84	3,34	
				35		CC				9680	12050	14825	18000	21650	
				35		PC				6425	6615	6815	7000	7150	
				35		COP				1,51	1,65	1,97	2,33	2,75	
				38		CC				9260	11550	14200	17250	20800	
				38		PC				6800	6990	7190	7390	7560	
				38		COP				1,36	1,65	1,97	2,33	2,75	
				43		CC						10650	13100		
				43		PC						7700	7900		
				43		COP						1,38	1,66		
				10	JEHSCU1000CM3	ZB76KCE-TFD	27		CC				12650	15900	19700
	27		PC							7430	7770	8040	8250	8410	
	27		COP							1,70	2,05	2,45	2,92	3,47	
	32		CC							11700	14750	18350	22500	27400	
	32		PC							8010	8410	8720	8980	9180	
32		COP							1,46	1,75	2,10	2,51	2,98		
35		CC								14050	17525	21500	26200		
35		PC								8800	9150	9445	9670		
								1,65	1,97	2,33	2,75				

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC						801	1048	1359	1669	2040
				27	PC						464	509	556	580	624
				27	COP						1,73	2,06	2,45	2,87	3,27
				32	CC						778	1016	1310	1608	1992
				32	PC						488	536	583	613	658
				32	COP						1,59	1,90	2,24	2,62	3,03
				35	CC						758	990	1272	1563	1935
				35	PC						502	552	600	633	678
				35	COP						1,51	1,79	2,12	2,47	2,85
				38	CC						739	964	1235	1519	1877
				38	PC						517	569	617	653	699
				38	COP						1,43	1,70	2,00	2,33	2,69
				43	CC						697	910	1162	1432	1769
				43	PC						542	596	645	687	733
				43	COP						1,28	1,53	1,80	2,08	2,41
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC						1076	1420	1846	2276	2830
				27	PC						624	691	755	794	848
				27	COP						1,73	2,06	2,44	2,87	3,34
				32	CC						1029	1357	1755	2166	2691
				32	PC						650	723	789	834	890
				32	COP						1,58	1,88	2,23	2,60	3,02
				35	CC						995	1311	1693	2093	2599
				35	PC						665	740	807	857	915
				35	COP						1,50	1,77	2,10	2,44	2,84
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC						1319	1729	2226	2730	3368
				27	PC						762	855	944	1009	1091
				27	COP						1,73	2,02	2,36	2,71	3,09
				32	CC						1261	1650	2113	2594	3199
				32	PC						794	891	982	1054	1137
				32	COP						1,59	1,85	2,15	2,46	2,81
				35	CC						1219	1594	2037	2504	3089
				35	PC						811	911	1003	1079	1163
				35	COP						1,50	1,75	2,03	2,32	2,66

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC						1641	2151	2745	3338
				27	PC						904	1030	1153	1257
				27	COP						1,82	2,09	2,38	2,66
				32	CC						1550	2031	2586	3152
				32	PC						939	1071	1194	1307
				32	COP						1,65	1,90	2,17	2,41
				35	CC						1485	1950	2482	3033
				35	PC						958	1093	1218	1334
				35	COP						1,55	1,78	2,04	2,27
														2,53

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC						1948	2578	3367	4153
				27	PC						1022	1129	1243	1315
				27	COP						1,91	2,28	2,71	3,16
				32	CC						1873	2476	3218	3977
				32	PC						1073	1187	1301	1381
				32	COP						1,75	2,09	2,47	2,88
				35	CC						1814	2399	3112	3854
				35	PC						1102	1220	1334	1419
				35	COP						1,65	1,97	2,33	2,72
				38	CC						1755	2321	3006	3731
				38	PC						1131	1253	1368	1458
				38	COP						1,55	1,85	2,20	2,56
				43	CC						1632	2164	2802	3495
				43	PC						1173	1305	1421	1523
				43	COP						1,39	1,66	1,97	2,30
Series 2	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC						1957	2599	3401	4196
				27	PC						1073	1185	1299	1366
				27	COP						1,82	2,19	2,62	3,07
				32	CC						1878	2496	3254	4026
				32	PC						1124	1245	1360	1437
				32	COP						1,67	2,01	2,39	2,80
				35	CC						1813	2415	3146	3903
				35	PC						1154	1280	1397	1480
				35	COP						1,57	1,89	2,25	2,64
				38	CC						1749	2334	3039	3781
				38	PC						1184	1315	1434	1523
				38	COP						1,48	1,77	2,12	2,48
				43	CC						1616	2171	2829	3543
				43	PC						1229	1372	1494	1595
				43	COP						1,32	1,58	1,89	2,22
														2,60

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC					2900	3550	4280	5110	6050	
				27	PC					1505	1545	1575	1605	1615	
				27	COP					1,93	2,30	2,72	3,18	3,75	
				32	CC					2620	3260	3980	4780	5710	
				32	PC					1705	1735	1765	1785	1785	
				32	COP					1,54	1,88	2,25	2,68	3,20	
				35	CC					2420	3050	3765	4565	5485	
				35	PC					1845	1875	1895	1905	1895	
				35	COP					1,31	1,63	1,99	2,40	2,89	
	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27	CC					2870	3520	4240	5060	5990	
				27	PC					1535	1575	1605	1635	1665	
				27	COP					1,87	2,23	2,64	3,09	3,60	
				32	CC					2590	3220	3930	4730	5650	
				32	PC					1745	1775	1805	1825	1835	
				32	COP					1,48	1,81	2,18	2,59	3,08	
				35	CC					2390	3015	3720	4515	5425	
				35	PC					1885	1920	1940	1955	1955	
				35	COP					1,27	1,57	1,92	2,31	2,77	
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC					3330	4110	4970	5950	7070	
				27	PC					1785	1875	1965	2035	2085	
				27	COP					1,87	2,19	2,53	2,92	3,39	
				32	CC					2960	3730	4590	5560	6680	
				32	PC					2005	2085	2165	2225	2255	
				32	COP					1,48	1,79	2,12	2,50	2,96	
				35	CC						3475	4330	5300	6425	
				35	PC						2235	2305	2350	2370	
				35	COP						1,55	1,88	2,26	2,71	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC					3440	4170	4990	5940	7030	
				27	PC					1855	1945	2035	2105	2165	
				27	COP					1,85	2,14	2,45	2,82	3,25	
				32	CC					3140	3850	4660	5600	6680	
				32	PC					2065	2155	2245	2325	2365	
				32	COP					1,52	1,79	2,08	2,41	2,82	
				35	CC					2930	3630	4440	5375	6455	
				35	PC					2205	2300	2385	2460	2495	
				35	COP					1,33	1,58	1,86	2,18	2,59	
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC					4050	4890	5830	6900	8150	
				27	PC					2245	2375	2495	2595	2665	
				27	COP					1,80	2,06	2,34	2,66	3,06	
				32	CC					3710	4500	5410	6460	7690	
				32	PC					2535	2655	2755	2835	2885	
				32	COP					1,46	1,69	1,96	2,28	2,67	
				35	CC						4260	5135	6175	7405	
				35	PC						2835	2940	3000	3030	
				35	COP						1,50	1,75	2,06	2,44	
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC					4010	4850	5800	6860	8090	
				27	PC					2295	2435	2575	2705	2795	
				27	COP					1,75	1,99	2,25	2,54	2,89	
				32	CC					3630	4450	5370	6430	7650	
				32	PC					2555	2705	2845	2955	3035	
				32	COP					1,42	1,65	1,89	2,18	2,52	
				35	CC						4180	5080	6140	7370	
				35	PC						2865	3015	3120	3185	
				35	COP						1,46	1,68	1,97	2,31	
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27	CC					4970	6030	7260	8690	10350	
				27	PC					2500	2610	2710	2770	2790	
				27	COP					1,99	2,31	2,68	3,14	3,71	
				32	CC					4550	5610	6830	8250	9910	
				32	PC					2810	2910	2990	3040	3050	
				32	COP					1,62	1,93	2,28	2,71	3,25	
				35	CC					4250	5300	6520	7935	9580	
				35	PC					3010	3110	3185	3230	3235	
				35	COP					1,41	1,70	2,05	2,46	2,96	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC				5770	7100	8610	10350	12300	
				27	PC				2790	2920	3030	3120	3190	
				27	COP				2,07	2,43	2,84	3,32	3,86	
				32	CC				5280	6620	8130	9850	11800	
				32	PC				3080	3210	3310	3390	3440	
				32	COP				1,71	2,06	2,46	2,91	3,43	
				35	CC				4960	6290	7790	9500	11450	
				35	PC				3260	3400	3505	3575	3620	
				35	COP				1,52	1,85	2,22	2,66	3,16	
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC				7060	8590	10350	12400	14800	
				27	PC				3770	3990	4190	4350	4480	
				27	COP				1,87	2,15	2,47	2,85	3,30	
				32	CC				6440	7990	9770	11850	14250	
				32	PC				4170	4360	4530	4670	4780	
				32	COP				1,54	1,83	2,16	2,54	2,98	
				35	CC				6040	7580	9355	11425	13800	
				35	PC				4430	4605	4770	4900	5005	
				35	COP				1,36	1,65	1,96	2,33	2,76	
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC				8150	10100	12300	14750	17500	
				27	PC				4370	4590	4790	4980	5150	
				27	COP				1,86	2,20	2,57	2,96	3,40	
				32	CC				7450	9360	11450	13850	16500	
				32	PC				4770	5030	5260	5460	5630	
				32	COP				1,56	1,86	2,18	2,54	2,93	
				35	CC				6980	8860	10925	13250	15900	
				35	PC				5010	5295	5545	5760	5930	
				35	COP				1,39	1,67	1,97	2,30	2,68	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC				9180	11300	13650	16300	19300	
				27	PC				5100	5450	5770	6050	6290	
				27	COP				1,80	2,07	2,37	2,69	3,07	
				32	CC				8360	10400	12650	15200	18100	
				32	PC				5580	5980	6330	6640	6880	
				32	COP				1,50	1,74	2,00	2,29	2,63	
				35	CC					9795	12000	14500		
				35	PC					6310	6690	7010		
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	35	COP					1,55	1,79	2,07		
				27	CC				10750	13450	16350	19650	23400	
				27	PC				5350	5720	6060	6370	6680	
				27	COP				2,01	2,35	2,70	3,08	3,50	
				32	CC				10000	12650	15550	18800	22500	
				32	PC				5690	6130	6490	6790	7040	
				32	COP				1,76	2,06	2,40	2,77	3,20	
				35	CC				9510	12100	14975	18225	21950	
				35	PC				5890	6360	6745	7050	7285	
				35	COP				1,61	1,90	2,22	2,59	3,01	
				38	CC					11550	14400	17650	21400	
				38	PC					6590	7000	7310	7530	
				38	COP					1,75	2,06	2,41	2,84	
	10	JEHSCU1000CM3	ZB76KCE-TFD	43	CC					10550	13350	16550	20200	
				43	PC					6950	7420	7760	7990	
				43	COP					1,52	1,80	2,13	2,53	
				27	CC				13400	17050	21000	25300	30100	
				27	PC				7910	8300	8690	9090	9480	
				27	COP				1,69	2,05	2,42	2,78	3,18	
				32	CC				12100	15950	19750	24200	29200	
				32	PC				8490	8840	9290	9630	9910	
				32	COP				1,43	1,80	2,13	2,51	2,95	
				35	CC					15050	18950	23400	28500	
				35	PC					9260	9675	9995	10230	
				35	COP					1,63	1,96	2,34	2,79	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R407H Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2	JEHSCU0200CM3	ZB15KQE-TFD	27	CC				2280	2840	3500	4280	5170	6210	7400
				27	PC				1460	1510	1550	1580	1620	1650	1680
				27	COP				1,56	1,88	2,26	2,71	3,19	3,76	4,40
				32	CC				2670	3300	4040	4890	5880	7010	
				32	PC				1670	1710	1750	1780	1820	1850	
				32	COP				1,60	1,93	2,31	2,75	3,23	3,79	
				35	CC					3180	3890	4710	5670	6770	
				35	PC					1820	1860	1890	1930	1970	
				35	COP					1,75	2,09	2,49	2,94	3,44	
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC				2590	3240	4000	4880	5900	7070	8420
				27	PC				1560	1620	1690	1740	1790	1820	1850
				27	COP				1,66	2,00	2,37	2,80	3,30	3,88	4,55
				32	CC				3040	3760	4590	5560	6690	7980	
				32	PC				1790	1860	1920	1980	2020	2050	
				32	COP				1,70	2,02	2,39	2,81	3,31	3,89	
				35	CC					3610	4420	5360	6440	7690	
				35	PC					1970	2040	2100	2150	2190	
				35	COP					1,83	2,17	2,55	3,00	3,51	
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC				3270	3910	4800	5850	7060	8470	10100
				27	PC				1940	2170	2270	2350	2430	2490	2550
				27	COP				1,69	1,80	2,11	2,49	2,91	3,40	3,96
				32	CC					4510	5500	6640	7980	9520	
				32	PC					2500	2590	2680	2750	2820	
				32	COP					1,80	2,12	2,48	2,90	3,38	
				35	CC					4330	5280	6380	7670		
				35	PC					2640	2750	2840	2930		
				35	COP					1,64	1,92	2,25	2,62		
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27	CC				3770	4730	5810	7070	8520	10200	12050
				27	PC				2340	2420	2510	2600	2680	2760	2850
				27	COP				1,61	1,95	2,31	2,72	3,18	3,70	4,23
				32	CC				4410	5460	6670	8060	9680	11500	
				32	PC				2690	2770	2860	2940	3010	3090	
				32	COP				1,64	1,97	2,33	2,74	3,22	3,72	
				35	CC					5240	6420	7790	9370	11150	
				35	PC					2950	3030	3100	3170	3250	
				35	COP					1,78	2,12	2,51	2,96	3,43	

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407H Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC					5170	6350	7710	9290	11100	13100
				27	PC					2740	2850	2960	3060	3150	3280
				27	COP					1,89	2,23	2,60	3,04	3,52	3,99
				32	CC					5960	7270	8790	10550	12500	
				32	PC					3150	3250	3350	3440	3550	
				32	COP					1,89	2,24	2,62	3,07	3,52	
				35	CC					5720	7000	8490	10200	12150	
				35	PC					3350	3440	3530	3620	3720	
				35	COP					1,71	2,03	2,41	2,82	3,27	
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC					7980	9750	11750	14050	16700	19650
				27	PC					4260	4430	4590	4750	4880	5010
				27	COP					1,87	2,20	2,56	2,96	3,42	3,92
				32	CC					9240	11150	13350	15850	18700	
				32	PC					4820	5010	5180	5330	5480	
				32	COP					1,92	2,23	2,58	2,97	3,41	
				35	CC					8930	10800	12900	15350		
				35	PC					5070	5270	5460	5620		
				35	COP					1,76	2,05	2,36	2,73		
	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC					8950	10900	13100	15600	18450	21600
				27	PC					5060	5300	5540	5770	5970	6170
				27	COP					1,77	2,06	2,36	2,70	3,09	3,50
				32	CC					10300	12400	14800	17500		
				32	PC					5790	6060	6310	6540		
				32	COP					1,78	2,05	2,35	2,68		
				35	CC					9960	12000	14300			
				35	PC					6110	6390	6660			
				35	COP					1,63	1,88	2,15			
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC				8790	10700	12950	15550	18450	21800	25600
				27	PC				4410	4790	5110	5460	5830	6220	6610
				27	COP				1,99	2,23	2,53	2,85	3,16	3,50	3,87
				32	CC					10150	12300	14700	17400	20500	24000
				32	PC					5220	5580	5970	6380	6820	7270
				32	COP					1,94	2,20	2,46	2,73	3,01	3,30
				35	CC					10100	11900	14150	16750	19650	
				35	PC					5290	5890	6300	6750	7220	
				35	COP					1,91	2,02	2,25	2,48	2,72	

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

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R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	0,5	JEHCCU0050CM1	AE4460Z-F1C	27		CC			542	698	881	1098	1356	1662	2024
				27		PC			445	473	505	541	579	616	653
				27		COP			1,22	1,48	1,74	2,03	2,34	2,70	3,10
				32		CC			496	643	817	1023	1267	1558	1902
				32		PC			465	493	526	563	604	645	686
				32		COP			1,07	1,30	1,55	1,82	2,10	2,42	2,77
				35		CC				611	779	978	1214	1496	1831
				35		PC				506	539	577	619	662	706
				35		COP				1,21	1,44	1,69	1,96	2,26	2,59
				38		CC				578	740	932	1161	1434	1759
				38		PC				519	552	591	634	679	726
				38		COP				1,11	1,34	1,58	1,83	2,11	2,42
				43		CC				523	675	857	1074	1333	1643
				43		PC				543	576	615	660	708	758
				43		COP				0,96	1,17	1,39	1,63	1,88	2,17
	0,67	JEHCCU0067CM1	CAJ9480Z	27		CC			681	892	1140	1433	1780	2194	2687
				27		PC			563	610	661	714	769	822	873
				27		COP			1,21	1,46	1,72	2,01	2,31	2,67	3,08
				32		CC			611	811	1045	1322	1652	2045	2514
				32		PC			581	629	682	739	797	856	913
				32		COP			1,05	1,29	1,53	1,79	2,07	2,39	2,75
				35		CC				763	989	1257	1577	1958	2414
				35		PC				640	695	753	814	876	936
				35		COP				1,19	1,42	1,67	1,94	2,24	2,58
				38		CC				715	933	1192	1501	1871	2313
				38		PC				651	707	767	831	895	958
				38		COP				1,10	1,32	1,55	1,81	2,09	2,41
				43		CC				635	841	1086	1379	1731	2153
				43		PC				669	727	790	857	926	994
				43		COP				0,95	1,16	1,37	1,61	1,87	2,17
	1,0	JEHCCU0100CM1	CAJ9510Z	27		CC			823	1073	1363	1703	2105	2619	3155
				27		PC			667	728	796	870	948	1028	1106
				27		COP			1,23	1,47	1,71	1,96	2,22	2,55	2,85
				32		CC			740	977	1252	1575	1958	2448	2959
				32		PC			690	752	822	899	981	1065	1150
				32		COP			1,07	1,30	1,52	1,75	2,00	2,30	2,57
				35		CC				920	1186	1499	1871	2347	2845
				35		PC				767	838	916	1000	1087	1175
				35		COP				1,20	1,42	1,64	1,87	2,16	2,42
				38		CC				862	1120	1423	1784	2246	2731
				38		PC				781	853	933	1019	1109	1200
				38		COP				1,10	1,31	1,53	1,75	2,03	2,28
				43		CC					1010	1298	1642	2083	2549
				43		PC					878	960	1049	1143	1239
				43		COP					1,15	1,35	1,57	1,82	2,06

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC				945	1273	1646	2089	2640	3255	3962
				27	PC				759	841	932	1029	1125	1229	1339
				27	COP				1,25	1,51	1,77	2,03	2,35	2,65	2,96
				32	CC				859	1169	1523	1926	2442	3000	3665
				32	PC				776	861	957	1062	1165	1281	1399
				32	COP				1,11	1,36	1,59	1,81	2,10	2,34	2,62
				35	CC					1103	1444	1833	2322	2850	3490
				35	PC					873	972	1080	1189	1311	1435
				35	COP					1,26	1,49	1,70	1,95	2,17	2,43
				38	CC					1036	1364	1739	2202	2699	3315
				38	PC					885	986	1097	1212	1341	1470
				38	COP					1,17	1,38	1,59	1,82	2,01	2,26
				43	CC					923	1231	1572	2002	2451	3099
				43	PC					902	1008	1126	1248	1387	1511
				43	COP					1,02	1,22	1,40	1,60	1,77	2,05
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC				1301	1705	2181	2740	3397	4229	5231
				27	PC				835	907	986	1073	1166	1265	1368
				27	COP				1,56	1,88	2,21	2,55	2,91	3,34	3,82
				32	CC				1192	1571	2016	2540	3158	3942	4889
				32	PC				866	942	1026	1118	1217	1323	1434
				32	COP				1,38	1,67	1,96	2,27	2,59	2,98	3,41
				35	CC				1126	1491	1918	2422	3017	3772	4687
				35	PC				883	962	1049	1144	1247	1357	1473
				35	COP				1,27	1,55	1,83	2,12	2,42	2,78	3,18
				38	CC				1059	1410	1820	2303	2875	3601	4484
				38	PC				900	981	1071	1170	1277	1391	1512
				38	COP				1,18	1,44	1,70	1,97	2,25	2,59	2,97
				43	CC					1274	1657	2107	2641	3321	4150
				43	PC					1012	1107	1212	1325	1447	1576
				43	COP					1,26	1,50	1,74	1,99	2,30	2,63
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC				1277	1699	2190	2763	3432	4216	5133
				27	PC				870	951	1035	1125	1219	1315	1412
				27	COP				1,47	1,79	2,12	2,46	2,82	3,21	3,64
				32	CC				1156	1556	2020	2560	3194	3936	4808
				32	PC				898	984	1075	1172	1273	1378	1484
				32	COP				1,29	1,58	1,88	2,18	2,51	2,86	3,24
				35	CC				1082	1469	1917	2438	3050	3768	4613
				35	PC				914	1004	1099	1200	1306	1416	1528
				35	COP				1,18	1,46	1,74	2,03	2,34	2,66	3,02
				38	CC				1008	1382	1813	2316	2906	3600	4417
				38	PC				929	1023	1122	1228	1338	1454	1571
				38	COP				1,09	1,35	1,62	1,89	2,17	2,48	2,81
				43	CC					1235	1640	2112	2666	3319	4091
				43	PC					1054	1160	1274	1393	1517	1644
				43	COP					1,17	1,41	1,66	1,91	2,19	2,49

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,7	JEHCCU0170CM1	CAJ4519Z	27		CC			1536	2009	2554	3181	3902	4728	
				27		PC			1214	1334	1461	1595	1737	1886	
				27		COP			1,26	1,51	1,75	1,99	2,25	2,51	
				32		CC			1409	1869	2399	3010	3715	4526	
				32		PC			1233	1360	1492	1631	1777	1930	
				32		COP			1,14	1,37	1,61	1,85	2,09	2,35	
				35		CC			1332	1785	2306	2907	3602	4404	
				35		PC			1242	1373	1510	1653	1801	1956	
				35		COP			1,07	1,30	1,53	1,76	2,00	2,25	
				38		CC			1701	2213	2804	3489	4282		
				38		PC			1386	1527	1674	1826	1982		
				38		COP			1,23	1,45	1,68	1,91	2,16		
				43		CC			1561	2057	2632	3300	4078		
				43		PC			1416	1568	1724	1883	2046		
				43		COP			1,10	1,31	1,53	1,75	1,99		
	1,7	JEHCCU0170CM3	TAJ4519Z	27		CC			1617	2068	2587	3180	3855	4621	
				27		PC			1148	1280	1418	1563	1716	1876	
				27		COP			1,41	1,62	1,82	2,03	2,25	2,46	
				32		CC			1452	1892	2399	2980	3645	4405	
				32		PC			1180	1317	1461	1611	1767	1929	
				32		COP			1,23	1,44	1,64	1,85	2,06	2,28	
				35		CC			1379	1810	2304	2871	3519	4260	
				35		PC			1192	1334	1482	1637	1798	1965	
				35		COP			1,16	1,36	1,55	1,75	1,96	2,17	
				38		CC			1716	2201	2756	3393	4123		
				38		PC			1351	1504	1664	1829	2000		
				38		COP			1,27	1,46	1,66	1,85	2,06		
				43		CC			1561	2030	2566	3183	3893		
				43		PC			1375	1539	1707	1881	2059		
				43		COP			1,14	1,32	1,50	1,69	1,89		
	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27		CC			2270	2830	3480	4220	5070	6040	7160
				27		PC			1410	1440	1480	1530	1590	1650	1710
				27		COP			1,61	1,97	2,35	2,76	3,19	3,66	4,19
				32		CC			2080	2620	3240	3940	4740	5670	6740
				32		PC			1600	1620	1650	1690	1750	1810	1870
				32		COP			1,30	1,62	1,96	2,33	2,71	3,13	3,60
				35		CC			1965	2490	3085	3765	4540	5440	6480
				35		PC			1740	1745	1770	1810	1860	1920	1980
				35		COP			1,13	1,43	1,74	2,08	2,44	2,83	3,27
				38		CC			1850	2360	2930	3590	4340	5210	6220
				38		PC			1880	1870	1890	1930	1970	2030	2090
				38		COP			0,98	1,26	1,55	1,86	2,20	2,57	2,98
				43		CC			2130	2670	3280	3990	4810	5770	
				43		PC			2130	2140	2160	2200	2250	2300	
				43		COP			1,00	1,25	1,52	1,81	2,14	2,51	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27		CC			2270	2830	3480	4220	5070	6040	7160
				27		PC			1410	1440	1480	1530	1590	1650	1710
				27		COP			1,61	1,97	2,35	2,76	3,19	3,66	4,19
				32		CC			2080	2620	3240	3940	4740	5670	6740
				32		PC			1600	1620	1650	1690	1750	1810	1870
				32		COP			1,30	1,62	1,96	2,33	2,71	3,13	3,60
				35		CC			1965	2490	3085	3765	4540	5440	6480
				35		PC			1740	1745	1770	1810	1860	1920	1980
				35		COP			1,13	1,43	1,74	2,08	2,44	2,83	3,27
				38		CC			1850	2360	2930	3590	4340	5210	6220
				38		PC			1880	1870	1890	1930	1970	2030	2090
				38		COP			0,98	1,26	1,55	1,86	2,20	2,57	2,98
				43		CC				2130	2670	3280	3990	4810	5770
				43		PC				2130	2140	2160	2200	2250	2300
				43		COP				1,00	1,25	1,52	1,81	2,14	2,51
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27		CC			2600	3220	3920	4730	5650	6720	7940
				27		PC			1660	1730	1810	1890	1980	2080	2170
				27		COP			1,57	1,86	2,17	2,50	2,85	3,23	3,66
				32		CC			2440	3030	3700	4470	5360	6380	7560
				32		PC			1850	1910	1980	2070	2160	2250	2340
				32		COP			1,32	1,59	1,87	2,16	2,48	2,84	3,23
				35		CC			2340	2910	3565	4310	5175	6170	7320
				35		PC			1985	2040	2105	2190	2275	2370	2460
				35		COP			1,18	1,43	1,69	1,97	2,27	2,60	2,98
				38		CC				2790	3430	4150	4990	5960	7080
				38		PC				2170	2230	2310	2390	2490	2580
				38		COP				1,29	1,54	1,80	2,09	2,39	2,74
				43		CC				2590	3190	3880	4680	5600	6680
				43		PC				2420	2470	2540	2620	2700	2790
				43		COP				1,07	1,29	1,53	1,79	2,07	2,39
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27		CC			2600	3220	3920	4730	5650	6720	7940
				27		PC			1660	1730	1810	1890	1980	2080	2170
				27		COP			1,57	1,86	2,17	2,50	2,85	3,23	3,66
				32		CC			2440	3030	3700	4470	5360	6380	7560
				32		PC			1850	1910	1980	2070	2160	2250	2340
				32		COP			1,32	1,59	1,87	2,16	2,48	2,84	3,23
				35		CC			2340	2910	3565	4310	5175	6170	7320
				35		PC			1985	2040	2105	2190	2275	2370	2460
				35		COP			1,18	1,43	1,69	1,97	2,27	2,60	2,98
				38		CC				2790	3430	4150	4990	5960	7080
				38		PC				2170	2230	2310	2390	2490	2580
				38		COP				1,29	1,54	1,80	2,09	2,39	2,74
				43		CC				2590	3190	3880	4680	5600	6680
				43		PC				2420	2470	2540	2620	2700	2790
				43		COP				1,07	1,29	1,53	1,79	2,07	2,39

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3	JEHSCU0300CM1	ZB21KQE-PFJ	27		CC			3250	4000	4850	5810	6900	8160	9620
				27		PC			2080	2210	2340	2460	2580	2690	2780
				27		COP			1,56	1,81	2,07	2,36	2,67	3,03	3,46
				32		CC			3060	3770	4570	5470	6510	7710	9120
				32		PC			2290	2430	2560	2690	2810	2920	3010
				32		COP			1,34	1,55	1,79	2,03	2,32	2,64	3,03
				35		CC			2935	3620	4395	5265	6270	7435	8810
				35		PC			2425	2575	2710	2845	2965	3075	3165
				35		COP			1,21	1,41	1,62	1,85	2,11	2,42	2,78
				38		CC			3470	4220	5060	6030	7160	8500	
				38		PC			2720	2860	3000	3120	3230	3320	
				38		COP			1,28	1,48	1,69	1,93	2,22	2,56	
				43		CC			3220	3920	4710	5620			
				43		PC			2980	3140	3280	3410			
				43		COP			1,08	1,25	1,44	1,65			
	3	JEHSCU0300CM3	ZB21KQE-TFD	27		CC			3250	4000	4850	5810	6900	8160	9620
				27		PC			2080	2210	2340	2460	2580	2690	2780
				27		COP			1,56	1,81	2,07	2,36	2,67	3,03	3,46
				32		CC			3060	3770	4570	5470	6510	7710	9120
				32		PC			2290	2430	2560	2690	2810	2920	3010
				32		COP			1,34	1,55	1,79	2,03	2,32	2,64	3,03
				35		CC			2935	3620	4395	5265	6270	7435	8810
				35		PC			2425	2575	2710	2845	2965	3075	3165
				35		COP			1,21	1,41	1,62	1,85	2,11	2,42	2,78
				38		CC			3470	4220	5060	6030	7160	8500	
				38		PC			2720	2860	3000	3120	3230	3320	
				38		COP			1,28	1,48	1,69	1,93	2,22	2,56	
				43		CC			3220	3920	4710	5620			
				43		PC			2980	3140	3280	3410			
				43		COP			1,08	1,25	1,44	1,65			
	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27		CC			3940	4880	5940	7150	8540	10100	11950
				27		PC			2350	2460	2570	2680	2800	2910	3020
				27		COP			1,68	1,98	2,31	2,67	3,05	3,47	3,96
				32		CC			3630	4550	5600	6770	8130	9690	11500
				32		PC			2650	2740	2830	2930	3030	3130	3220
				32		COP			1,37	1,66	1,98	2,31	2,68	3,10	3,57
				35		CC			3435	4340	5370	6535	7880	9425	11225
				35		PC			2870	2940	3015	3100	3185	3270	3345
				35		COP			1,20	1,48	1,78	2,11	2,47	2,88	3,36
				38		CC			3240	4130	5140	6300	7630	9160	10950
				38		PC			3090	3140	3200	3270	3340	3410	3470
				38		COP			1,05	1,32	1,61	1,93	2,28	2,69	3,16
				43		CC			3780	4760	5890	7190	8710	10500	
				43		PC			3510	3540	3580	3620	3660	3700	
				43		COP			1,08	1,34	1,65	1,99	2,38	2,84	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC				4420	5410	6530	7800	9260	10950	12850
				27	PC				2620	2760	2910	3070	3240	3390	3540
				27	COP				1,69	1,96	2,24	2,54	2,86	3,23	3,63
				32	CC				4100	5070	6170	7410	8840	10500	12400
				32	PC				2990	3100	3220	3370	3510	3640	3770
				32	COP				1,37	1,64	1,92	2,20	2,52	2,88	3,29
				35	CC				3895	4850	5935	7160	8580	10225	12125
				35	PC				3260	3340	3445	3570	3685	3800	3910
				35	COP				1,19	1,45	1,72	2,01	2,33	2,69	3,10
				38	CC				3690	4630	5700	6910	8320	9950	11850
				38	PC				3530	3580	3670	3770	3860	3960	4050
				38	COP				1,05	1,29	1,55	1,83	2,16	2,51	2,93
				43	CC					4270	5310	6500	7880	9490	11350
				43	PC					4040	4080	4130	4200	4260	4310
				43	COP					1,06	1,30	1,57	1,88	2,23	2,63
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC				5410	6730	8120	9650	11400	13400	15800
				27	PC				3630	3830	4050	4290	4530	4780	5020
				27	COP				1,49	1,76	2,00	2,25	2,52	2,80	3,15
				32	CC				4830	6190	7600	9120	10850	12900	15300
				32	PC				4130	4270	4430	4650	4860	5070	5280
				32	COP				1,17	1,45	1,72	1,96	2,23	2,54	2,90
				35	CC					5860	7270	8800	10525	12575	15000
				35	PC					4575	4705	4885	5065	5245	5430
				35	COP					1,28	1,55	1,80	2,08	2,40	2,76
				38	CC					5530	6940	8480	10200	12250	14700
				38	PC					4880	4980	5120	5270	5420	5580
				38	COP					1,13	1,39	1,66	1,94	2,26	2,63
				43	CC						6430	7960	9700		
				43	PC						5460	5540	5640		
				43	COP						1,18	1,44	1,72		
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC				6250	7920	9660	11550	13700	16150	19000
				27	PC				4150	4270	4450	4660	4890	5150	5440
				27	COP				1,51	1,85	2,17	2,48	2,80	3,14	3,49
				32	CC				5790	7420	9130	10950	13000	15400	18200
				32	PC				4530	4660	4830	5050	5280	5540	5810
				32	COP				1,28	1,59	1,89	2,17	2,46	2,78	3,13
				35	CC				5505	7110	8780	10575	12600	14975	17750
				35	PC				4790	4920	5095	5305	5535	5780	6035
				35	COP				1,15	1,45	1,72	1,99	2,28	2,59	2,94
				38	CC				5220	6800	8430	10200	12200	14550	17300
				38	PC				5050	5180	5360	5560	5790	6020	6260
				38	COP				1,03	1,31	1,57	1,83	2,11	2,42	2,76
				43	CC					6320	7890	9590	11550		
				43	PC					5640	5820	6020	6230		
				43	COP					1,12	1,36	1,59	1,85		

TE: Evaporating Temperature (°C)
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 PC: Power consumption (W), ± 10%

R448A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC				6920	8780	10700	12800	15100	17750	20900
				27	PC				5010	5190	5420	5700	6020	6360	6730
				27	COP				1,38	1,69	1,97	2,25	2,51	2,79	3,11
				32	CC				6430	8240	10150	12100	14350	16950	20000
				32	PC				5450	5630	5850	6160	6470	6800	7150
				32	COP				1,18	1,46	1,74	1,96	2,22	2,49	2,80
				35	CC				7910	9760	11700	13925	16500	19550	
				35	PC				5930	6160	6455	6755	7070	7190	
				35	COP				1,33	1,58	1,81	2,06	2,33	2,72	
				38	CC				7580	9370	11300	13500	16050		
				38	PC				6230	6470	6750	7040	7340		
				38	COP				1,22	1,45	1,67	1,92	2,19		
				43	CC				7060	8790	10650				
				43	PC				6750	7000	7270				
				43	COP				1,05	1,26	1,46				
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC				7910	10450	13200	16300	19750	23700	7910
				27	PC				5530	5590	5660	5740	5820	5900	5530
				27	COP				1,43	1,87	2,33	2,84	3,39	4,02	1,43
				32	CC				7250	9670	12300	15200	18450	22100	7250
				32	PC				5940	6080	6230	6380	6530	6680	5940
				32	COP				1,22	1,59	1,97	2,38	2,83	3,31	1,22
				35	CC				6820	9170	11700	14475	17575	21050	6820
				35	PC				6200	6390	6590	6795	7000	7205	6200
				35	COP				1,10	1,44	1,79	2,14	2,53	2,95	1,10
				38	CC				8670	11100	13750	16700	20000		
				38	PC				6700	6950	7210	7470	7730		
				38	COP				1,29	1,60	1,91	2,24	2,59		
				43	CC						10000	12450	15100	18100	
				43	PC						7590	7950	8320	8690	
				43	COP						1,32	1,57	1,81	2,08	
	10	JEHSCU1000CM3	ZB76KCE-TFD	27	CC				10000	13050	16450	20300	24700	29700	10000
				27	PC				7600	7780	7960	8130	8280	8420	7600
				27	COP				1,32	1,68	2,07	2,50	2,98	3,53	1,32
				32	CC					12150	15250	18800	22800	27300	
				32	PC					8360	8680	8990	9280	9560	
				32	COP					1,45	1,76	2,09	2,46	2,86	
				35	CC					11550	14500	17800	21550	25750	
				35	PC					8720	9130	9540	9940	10330	
				35	COP					1,33	1,60	1,88	2,19	2,52	

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	0,5	JEHCCU0050CM1	AE4460Z-F1C	27		CC			542	698	881	1098	1356	1662	2024
				27		PC			445	473	505	541	579	616	653
				27		COP			1,22	1,48	1,74	2,03	2,34	2,70	3,10
				32		CC			496	643	817	1023	1267	1558	1902
				32		PC			465	493	526	563	604	645	686
				32		COP			1,07	1,30	1,55	1,82	2,10	2,42	2,77
				35		CC				611	779	978	1214	1496	1831
				35		PC				506	539	577	619	662	706
				35		COP				1,21	1,44	1,69	1,96	2,26	2,59
				38		CC				578	740	932	1161	1434	1759
				38		PC				519	552	591	634	679	726
				38		COP				1,11	1,34	1,58	1,83	2,11	2,42
				43		CC				523	675	857	1074	1333	1643
				43		PC				543	576	615	660	708	758
				43		COP				0,96	1,17	1,39	1,63	1,88	2,17
	0,67	JEHCCU0067CM1	CAJ9480Z	27		CC			681	892	1140	1433	1780	2194	2687
				27		PC			563	610	661	714	769	822	873
				27		COP			1,21	1,46	1,72	2,01	2,31	2,67	3,08
				32		CC			611	811	1045	1322	1652	2045	2514
				32		PC			581	629	682	739	797	856	913
				32		COP			1,05	1,29	1,53	1,79	2,07	2,39	2,75
				35		CC				763	989	1257	1577	1958	2414
				35		PC				640	695	753	814	876	936
				35		COP				1,19	1,42	1,67	1,94	2,24	2,58
				38		CC				715	933	1192	1501	1871	2313
				38		PC				651	707	767	831	895	958
				38		COP				1,10	1,32	1,55	1,81	2,09	2,41
				43		CC				635	841	1086	1379	1731	2153
				43		PC				669	727	790	857	926	994
				43		COP				0,95	1,16	1,37	1,61	1,87	2,17
	1,0	JEHCCU0100CM1	CAJ9510Z	27		CC			823	1073	1363	1703	2105	2619	3155
				27		PC			667	728	796	870	948	1028	1106
				27		COP			1,23	1,47	1,71	1,96	2,22	2,55	2,85
				32		CC			740	977	1252	1575	1958	2448	2959
				32		PC			690	752	822	899	981	1065	1150
				32		COP			1,07	1,30	1,52	1,75	2,00	2,30	2,57
				35		CC				920	1186	1499	1871	2347	2845
				35		PC				767	838	916	1000	1087	1175
				35		COP				1,20	1,42	1,64	1,87	2,16	2,42
				38		CC				862	1120	1423	1784	2246	2731
				38		PC				781	853	933	1019	1109	1200
				38		COP				1,10	1,31	1,53	1,75	2,03	2,28
				43		CC					1010	1298	1642	2083	2549
				43		PC					878	960	1049	1143	1239
				43		COP					1,15	1,35	1,57	1,82	2,06

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27	CC			945	1273	1646	2089	2640	3255	3962
				27	PC			759	841	932	1029	1125	1229	1339
				27	COP			1,25	1,51	1,77	2,03	2,35	2,65	2,96
				32	CC			859	1169	1523	1926	2442	3000	3665
				32	PC			776	861	957	1062	1165	1281	1399
				32	COP			1,11	1,36	1,59	1,81	2,10	2,34	2,62
				35	CC			1103	1444	1833	2322	2850	3490	
				35	PC			873	972	1080	1189	1311	1435	
				35	COP			1,26	1,49	1,70	1,95	2,17	2,43	
				38	CC			1036	1364	1739	2202	2699	3315	
				38	PC			885	986	1097	1212	1341	1470	
				38	COP			1,17	1,38	1,59	1,82	2,01	2,26	
				43	CC			923	1231	1572	2002	2451	3099	
				43	PC			902	1008	1126	1248	1387	1511	
				43	COP			1,02	1,22	1,40	1,60	1,77	2,05	
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27	CC			1301	1705	2181	2740	3397	4229	5231
				27	PC			835	907	986	1073	1166	1265	1368
				27	COP			1,56	1,88	2,21	2,55	2,91	3,34	3,82
				32	CC			1192	1571	2016	2540	3158	3942	4889
				32	PC			866	942	1026	1118	1217	1323	1434
				32	COP			1,38	1,67	1,96	2,27	2,59	2,98	3,41
				35	CC			1126	1491	1918	2422	3017	3772	4687
				35	PC			883	962	1049	1144	1247	1357	1473
				35	COP			1,27	1,55	1,83	2,12	2,42	2,78	3,18
				38	CC			1059	1410	1820	2303	2875	3601	4484
				38	PC			900	981	1071	1170	1277	1391	1512
				38	COP			1,18	1,44	1,70	1,97	2,25	2,59	2,97
				43	CC			1274	1657	2107	2641	3321	4150	
				43	PC			1012	1107	1212	1325	1447	1576	
				43	COP			1,26	1,50	1,74	1,99	2,30	2,63	
	1,4	JEHCCU0140CM3	TAJ4517Z	27	CC			1277	1699	2190	2763	3432	4216	5133
				27	PC			870	951	1035	1125	1219	1315	1412
				27	COP			1,47	1,79	2,12	2,46	2,82	3,21	3,64
				32	CC			1156	1556	2020	2560	3194	3936	4808
				32	PC			898	984	1075	1172	1273	1378	1484
				32	COP			1,29	1,58	1,88	2,18	2,51	2,86	3,24
				35	CC			1082	1469	1917	2438	3050	3768	4613
				35	PC			914	1004	1099	1200	1306	1416	1528
				35	COP			1,18	1,46	1,74	2,03	2,34	2,66	3,02
				38	CC			1008	1382	1813	2316	2906	3600	4417
				38	PC			929	1023	1122	1228	1338	1454	1571
				38	COP			1,09	1,35	1,62	1,89	2,17	2,48	2,81
				43	CC			1235	1640	2112	2666	3319	4091	
				43	PC			1054	1160	1274	1393	1517	1644	
				43	COP			1,17	1,41	1,66	1,91	2,19	2,49	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,7	JEHCCU0170CM1	CAJ4519Z	27		CC			1536	2009	2554	3181	3902	4728	
				27		PC			1214	1334	1461	1595	1737	1886	
				27		COP			1,26	1,51	1,75	1,99	2,25	2,51	
				32		CC			1409	1869	2399	3010	3715	4526	
				32		PC			1233	1360	1492	1631	1777	1930	
				32		COP			1,14	1,37	1,61	1,85	2,09	2,35	
				35		CC			1332	1785	2306	2907	3602	4404	
				35		PC			1242	1373	1510	1653	1801	1956	
				35		COP			1,07	1,30	1,53	1,76	2,00	2,25	
				38		CC			1701	2213	2804	3489	4282		
				38		PC			1386	1527	1674	1826	1982		
				38		COP			1,23	1,45	1,68	1,91	2,16		
				43		CC			1561	2057	2632	3300	4078		
				43		PC			1416	1568	1724	1883	2046		
				43		COP			1,10	1,31	1,53	1,75	1,99		
	1,7	JEHCCU0170CM3	TAJ4519Z	27		CC			1617	2068	2587	3180	3855	4621	
				27		PC			1148	1280	1418	1563	1716	1876	
				27		COP			1,41	1,62	1,82	2,03	2,25	2,46	
				32		CC			1452	1892	2399	2980	3645	4405	
				32		PC			1180	1317	1461	1611	1767	1929	
				32		COP			1,23	1,44	1,64	1,85	2,06	2,28	
				35		CC			1379	1810	2304	2871	3519	4260	
				35		PC			1192	1334	1482	1637	1798	1965	
				35		COP			1,16	1,36	1,55	1,75	1,96	2,17	
				38		CC			1716	2201	2756	3393	4123		
				38		PC			1351	1504	1664	1829	2000		
				38		COP			1,27	1,46	1,66	1,85	2,06		
				43		CC			1561	2030	2566	3183	3893		
				43		PC			1375	1539	1707	1881	2059		
				43		COP			1,14	1,32	1,50	1,69	1,89		
	2,0	JEHSCU0200CM1	ZB15KQE-PFJ	27		CC			2270	2830	3480	4220	5070	6040	7160
				27		PC			1410	1440	1480	1530	1590	1650	1710
				27		COP			1,61	1,97	2,35	2,76	3,19	3,66	4,19
				32		CC			2080	2620	3240	3940	4740	5670	6740
				32		PC			1600	1620	1650	1690	1750	1810	1870
				32		COP			1,30	1,62	1,96	2,33	2,71	3,13	3,60
				35		CC			1965	2490	3085	3765	4540	5440	6480
				35		PC			1740	1745	1770	1810	1860	1920	1980
				35		COP			1,13	1,43	1,74	2,08	2,44	2,83	3,27
				38		CC			1850	2360	2930	3590	4340	5210	6220
				38		PC			1880	1870	1890	1930	1970	2030	2090
				38		COP			0,98	1,26	1,55	1,86	2,20	2,57	2,98
				43		CC			2130	2670	3280	3990	4810	5770	
				43		PC			2130	2140	2160	2200	2250	2300	
				43		COP			1,00	1,25	1,52	1,81	2,14	2,51	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	2,0	JEHSCU0200CM3	ZB15KQE-TFD	27		CC			2270	2830	3480	4220	5070	6040	7160
				27		PC			1410	1440	1480	1530	1590	1650	1710
				27		COP			1,61	1,97	2,35	2,76	3,19	3,66	4,19
				32		CC			2080	2620	3240	3940	4740	5670	6740
				32		PC			1600	1620	1650	1690	1750	1810	1870
				32		COP			1,30	1,62	1,96	2,33	2,71	3,13	3,60
				35		CC			1965	2490	3085	3765	4540	5440	6480
				35		PC			1740	1745	1770	1810	1860	1920	1980
				35		COP			1,13	1,43	1,74	2,08	2,44	2,83	3,27
				38		CC			1850	2360	2930	3590	4340	5210	6220
				38		PC			1880	1870	1890	1930	1970	2030	2090
				38		COP			0,98	1,26	1,55	1,86	2,20	2,57	2,98
				43		CC				2130	2670	3280	3990	4810	5770
				43		PC				2130	2140	2160	2200	2250	2300
				43		COP				1,00	1,25	1,52	1,81	2,14	2,51
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27		CC			2600	3220	3920	4730	5650	6720	7940
				27		PC			1660	1730	1810	1890	1980	2080	2170
				27		COP			1,57	1,86	2,17	2,50	2,85	3,23	3,66
				32		CC			2440	3030	3700	4470	5360	6380	7560
				32		PC			1850	1910	1980	2070	2160	2250	2340
				32		COP			1,32	1,59	1,87	2,16	2,48	2,84	3,23
				35		CC			2340	2910	3565	4310	5175	6170	7320
				35		PC			1985	2040	2105	2190	2275	2370	2460
				35		COP			1,18	1,43	1,69	1,97	2,27	2,60	2,98
				38		CC				2790	3430	4150	4990	5960	7080
				38		PC				2170	2230	2310	2390	2490	2580
				38		COP				1,29	1,54	1,80	2,09	2,39	2,74
				43		CC				2590	3190	3880	4680	5600	6680
				43		PC				2420	2470	2540	2620	2700	2790
				43		COP				1,07	1,29	1,53	1,79	2,07	2,39
	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27		CC			2600	3220	3920	4730	5650	6720	7940
				27		PC			1660	1730	1810	1890	1980	2080	2170
				27		COP			1,57	1,86	2,17	2,50	2,85	3,23	3,66
				32		CC			2440	3030	3700	4470	5360	6380	7560
				32		PC			1850	1910	1980	2070	2160	2250	2340
				32		COP			1,32	1,59	1,87	2,16	2,48	2,84	3,23
				35		CC			2340	2910	3565	4310	5175	6170	7320
				35		PC			1985	2040	2105	2190	2275	2370	2460
				35		COP			1,18	1,43	1,69	1,97	2,27	2,60	2,98
				38		CC				2790	3430	4150	4990	5960	7080
				38		PC				2170	2230	2310	2390	2490	2580
				38		COP				1,29	1,54	1,80	2,09	2,39	2,74
				43		CC				2590	3190	3880	4680	5600	6680
				43		PC				2420	2470	2540	2620	2700	2790
				43		COP				1,07	1,29	1,53	1,79	2,07	2,39

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	3	JEHSCU0300CM1	ZB21KQE-PFJ	27		CC			3250	4000	4850	5810	6900	8160	9620
				27		PC			2080	2210	2340	2460	2580	2690	2780
				27		COP			1,56	1,81	2,07	2,36	2,67	3,03	3,46
				32		CC			3060	3770	4570	5470	6510	7710	9120
				32		PC			2290	2430	2560	2690	2810	2920	3010
				32		COP			1,34	1,55	1,79	2,03	2,32	2,64	3,03
				35		CC			2935	3620	4395	5265	6270	7435	8810
				35		PC			2425	2575	2710	2845	2965	3075	3165
				35		COP			1,21	1,41	1,62	1,85	2,11	2,42	2,78
				38		CC				3470	4220	5060	6030	7160	8500
				38		PC				2720	2860	3000	3120	3230	3320
				38		COP				1,28	1,48	1,69	1,93	2,22	2,56
				43		CC				3220	3920	4710	5620		
				43		PC				2980	3140	3280	3410		
				43		COP				1,08	1,25	1,44	1,65		
	3	JEHSCU0300CM3	ZB21KQE-TFD	27		CC			3250	4000	4850	5810	6900	8160	9620
				27		PC			2080	2210	2340	2460	2580	2690	2780
				27		COP			1,56	1,81	2,07	2,36	2,67	3,03	3,46
				32		CC			3060	3770	4570	5470	6510	7710	9120
				32		PC			2290	2430	2560	2690	2810	2920	3010
				32		COP			1,34	1,55	1,79	2,03	2,32	2,64	3,03
				35		CC			2935	3620	4395	5265	6270	7435	8810
				35		PC			2425	2575	2710	2845	2965	3075	3165
				35		COP			1,21	1,41	1,62	1,85	2,11	2,42	2,78
				38		CC				3470	4220	5060	6030	7160	8500
				38		PC				2720	2860	3000	3120	3230	3320
				38		COP				1,28	1,48	1,69	1,93	2,22	2,56
				43		CC				3220	3920	4710	5620		
				43		PC				2980	3140	3280	3410		
				43		COP				1,08	1,25	1,44	1,65		
	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27		CC			3940	4880	5940	7150	8540	10100	11950
				27		PC			2350	2460	2570	2680	2800	2910	3020
				27		COP			1,68	1,98	2,31	2,67	3,05	3,47	3,96
				32		CC			3630	4550	5600	6770	8130	9690	11500
				32		PC			2650	2740	2830	2930	3030	3130	3220
				32		COP			1,37	1,66	1,98	2,31	2,68	3,10	3,57
				35		CC			3435	4340	5370	6535	7880	9425	11225
				35		PC			2870	2940	3015	3100	3185	3270	3345
				35		COP			1,20	1,48	1,78	2,11	2,47	2,88	3,36
				38		CC			3240	4130	5140	6300	7630	9160	10950
				38		PC			3090	3140	3200	3270	3340	3410	3470
				38		COP			1,05	1,32	1,61	1,93	2,28	2,69	3,16
				43		CC				3780	4760	5890	7190	8710	10500
				43		PC				3510	3540	3580	3620	3660	3700
				43		COP				1,08	1,34	1,65	1,99	2,38	2,84

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC				4420	5410	6530	7800	9260	10950	12850
				27	PC				2620	2760	2910	3070	3240	3390	3540
				27	COP				1,69	1,96	2,24	2,54	2,86	3,23	3,63
				32	CC				4100	5070	6170	7410	8840	10500	12400
				32	PC				2990	3100	3220	3370	3510	3640	3770
				32	COP				1,37	1,64	1,92	2,20	2,52	2,88	3,29
				35	CC				3895	4850	5935	7160	8580	10225	12125
				35	PC				3260	3340	3445	3570	3685	3800	3910
				35	COP				1,19	1,45	1,72	2,01	2,33	2,69	3,10
				38	CC				3690	4630	5700	6910	8320	9950	11850
				38	PC				3530	3580	3670	3770	3860	3960	4050
				38	COP				1,05	1,29	1,55	1,83	2,16	2,51	2,93
				43	CC				4270	5310	6500	7880	9490	11350	
				43	PC				4040	4080	4130	4200	4260	4310	
				43	COP				1,06	1,30	1,57	1,88	2,23	2,63	
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC				5410	6730	8120	9650	11400	13400	15800
				27	PC				3630	3830	4050	4290	4530	4780	5020
				27	COP				1,49	1,76	2,00	2,25	2,52	2,80	3,15
				32	CC				4830	6190	7600	9120	10850	12900	15300
				32	PC				4130	4270	4430	4650	4860	5070	5280
				32	COP				1,17	1,45	1,72	1,96	2,23	2,54	2,90
				35	CC				5860	7270	8800	10525	12575	15000	
				35	PC				4575	4705	4885	5065	5245	5430	
				35	COP				1,28	1,55	1,80	2,08	2,40	2,76	
				38	CC				5530	6940	8480	10200	12250	14700	
				38	PC				4880	4980	5120	5270	5420	5580	
				38	COP				1,13	1,39	1,66	1,94	2,26	2,63	
				43	CC				6430	7960	9700				
				43	PC				5460	5540	5640				
				43	COP				1,18	1,44	1,72				
	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC				6250	7920	9660	11550	13700	16150	19000
				27	PC				4150	4270	4450	4660	4890	5150	5440
				27	COP				1,51	1,85	2,17	2,48	2,80	3,14	3,49
				32	CC				5790	7420	9130	10950	13000	15400	18200
				32	PC				4530	4660	4830	5050	5280	5540	5810
				32	COP				1,28	1,59	1,89	2,17	2,46	2,78	3,13
				35	CC				5505	7110	8780	10575	12600	14975	17750
				35	PC				4790	4920	5095	5305	5535	5780	6035
				35	COP				1,15	1,45	1,72	1,99	2,28	2,59	2,94
				38	CC				5220	6800	8430	10200	12200	14550	17300
				38	PC				5050	5180	5360	5560	5790	6020	6260
				38	COP				1,03	1,31	1,57	1,83	2,11	2,42	2,76
				43	CC				6320	7890	9590	11550			
				43	PC				5640	5820	6020	6230			
				43	COP				1,12	1,36	1,59	1,85			

TE: Evaporating Temperature (°C)
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 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 3	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC				6920	8780	10700	12800	15100	17750	20900
				27	PC				5010	5190	5420	5700	6020	6360	6730
				27	COP				1,38	1,69	1,97	2,25	2,51	2,79	3,11
				32	CC				6430	8240	10150	12100	14350	16950	20000
				32	PC				5450	5630	5850	6160	6470	6800	7150
				32	COP				1,18	1,46	1,74	1,96	2,22	2,49	2,80
				35	CC				7910	9760	11700	13925	16500	19550	
				35	PC				5930	6160	6455	6755	7070	7190	
				35	COP				1,33	1,58	1,81	2,06	2,33	2,72	
				38	CC				7580	9370	11300	13500	16050		
				38	PC				6230	6470	6750	7040	7340		
				38	COP				1,22	1,45	1,67	1,92	2,19		
				43	CC				7060	8790	10650				
				43	PC				6750	7000	7270				
				43	COP				1,05	1,26	1,46				
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC				7910	10450	13200	16300	19750	23700	7910
				27	PC				5530	5590	5660	5740	5820	5900	5530
				27	COP				1,43	1,87	2,33	2,84	3,39	4,02	1,43
				32	CC				7250	9670	12300	15200	18450	22100	7250
				32	PC				5940	6080	6230	6380	6530	6680	5940
				32	COP				1,22	1,59	1,97	2,38	2,83	3,31	1,22
				35	CC				6820	9170	11700	14475	17575	21050	6820
				35	PC				6200	6390	6590	6795	7000	7205	6200
				35	COP				1,10	1,44	1,79	2,14	2,53	2,95	1,10
				38	CC				8670	11100	13750	16700	20000		
				38	PC				6700	6950	7210	7470	7730		
				38	COP				1,29	1,60	1,91	2,24	2,59		
				43	CC					10000	12450	15100	18100		
				43	PC					7590	7950	8320	8690		
				43	COP					1,32	1,57	1,81	2,08		
	10	JEHSCU1000CM3	ZB76KCE-TFD	27	CC				10000	13050	16450	20300	24700	29700	10000
				27	PC				7600	7780	7960	8130	8280	8420	7600
				27	COP				1,32	1,68	2,07	2,50	2,98	3,53	1,32
				32	CC					12150	15250	18800	22800	27300	
				32	PC					8360	8680	8990	9280	9560	
				32	COP					1,45	1,76	2,09	2,46	2,86	
				35	CC					11550	14500	17800	21550	25750	
				35	PC					8720	9130	9540	9940	10330	
				35	COP					1,33	1,60	1,88	2,19	2,52	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R452A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	0,5	JEHCCU0050CM1	AE4460Z-F1C	27	CC				597	752	933	1148	1401	1699	2050
				27	PC				483	515	549	583	617	651	684
				27	COP				1,24	1,46	1,70	1,97	2,27	2,61	3,00
				32	CC				552	696	866	1065	1301	1580	1908
				32	PC				494	530	567	605	644	683	722
				32	COP				1,12	1,31	1,53	1,76	2,02	2,31	2,64
				35	CC				524	662	825	1015	1240	1507	1821
				35	PC				501	539	578	619	660	703	745
				35	COP				1,05	1,23	1,43	1,64	1,88	2,14	2,44
				38	CC				496	628	783	964	1179	1433	1734
				38	PC				507	547	588	632	676	722	768
				38	COP				0,98	1,15	1,33	1,53	1,74	1,98	2,26
				43	CC				448	570	712	878	1075	1309	1586
				43	PC				517	560	606	653	703	754	806
				43	COP				0,87	1,02	1,17	1,34	1,53	1,74	1,97
	0,67	JEHCCU0067CM1	CAJ9480Z	27	CC				752	965	1215	1508	1854	2262	2745
				27	PC				612	665	718	769	819	866	910
				27	COP				1,23	1,45	1,69	1,96	2,26	2,61	3,02
				32	CC				687	885	1116	1388	1707	2085	2533
				32	PC				618	677	736	794	851	906	959
				32	COP				1,11	1,31	1,52	1,75	2,01	2,30	2,64
				35	CC				648	837	1057	1315	1619	1979	2407
				35	PC				620	683	745	808	869	929	987
				35	COP				1,05	1,23	1,42	1,63	1,86	2,13	2,44
				38	CC				609	789	998	1242	1531	1873	2280
				38	PC				621	688	754	821	887	952	1014
				38	COP				0,98	1,15	1,32	1,51	1,73	1,97	2,25
				43	CC				543	708	899	1121	1383	1695	2067
				43	PC				620	693	766	840	914	987	1058
				43	COP				0,88	1,02	1,17	1,33	1,51	1,72	1,95
	1,0	JEHCCU0100CM1	CAJ9510Z	27	CC				910	1162	1454	1796	2197	2670	3229
				27	PC				722	792	864	936	1009	1082	1153
				27	COP				1,26	1,47	1,68	1,92	2,18	2,47	2,80
				32	CC				837	1071	1341	1656	2026	2463	2982
				32	PC				729	806	884	964	1045	1127	1207
				32	COP				1,15	1,33	1,52	1,72	1,94	2,19	2,47
				35	CC				792	1016	1273	1572	1923	2338	2832
				35	PC				731	812	895	979	1065	1152	1238
				35	COP				1,08	1,25	1,42	1,61	1,81	2,03	2,29
				38	CC				747	960	1204	1487	1819	2213	2681
				38	PC				733	818	905	994	1085	1177	1269
				38	COP				1,02	1,17	1,33	1,50	1,68	1,88	2,11
				43	CC				672	866	1088	1344	1645	2002	2428
				43	PC				733	824	918	1015	1114	1215	1317
				43	COP				0,92	1,05	1,19	1,32	1,48	1,65	1,84

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R452A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 1	1,13	JEHCCU0113CM1	CAJ9513Z	27		CC			1078	1395	1758	2175	2660	3227	3893
				27		PC			812	910	1009	1111	1215	1321	1427
				27		COP			1,33	1,53	1,74	1,96	2,19	2,44	2,73
				32		CC			983	1277	1612	1997	2444	2968	3584
				32		PC			816	922	1031	1142	1255	1371	1488
				32		COP			1,20	1,39	1,56	1,75	1,95	2,16	2,41
				35		CC			925	1205	1524	1890	2314	2811	3398
				35		PC			815	927	1041	1158	1277	1399	1523
				35		COP			1,13	1,30	1,46	1,63	1,81	2,01	2,23
				38		CC			866	1133	1436	1783	2184	2654	3211
				38		PC			814	931	1050	1173	1299	1427	1557
				38		COP			1,06	1,22	1,37	1,52	1,68	1,86	2,06
				43		CC			767	1012	1288	1602	1965	2391	2896
				43		PC			805	932	1061	1193	1329	1468	1610
				43		COP			0,95	1,09	1,21	1,34	1,48	1,63	1,80

R452A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure															
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10
Series 2	1,4	JEHCCU0140CM1	CAJ4517Z	27		CC			1330	1712	2159	2685	3308	4046	4920
				27		PC			937	1026	1114	1203	1295	1390	1491
				27		COP			1,42	1,67	1,94	2,23	2,55	2,91	3,30
				32		CC			1232	1585	1995	2475	3041	3711	4505
				32		PC			948	1047	1146	1246	1350	1458	1570
				32		COP			1,30	1,51	1,74	1,99	2,25	2,55	2,87
				35		CC			1173	1508	1896	2348	2880	3509	4253
				35		PC			952	1057	1162	1270	1381	1497	1618
				35		COP			1,23	1,43	1,63	1,85	2,09	2,34	2,63
				38		CC			1113	1431	1797	2221	2719	3306	4001
				38		PC			956	1067	1178	1293	1411	1535	1665
				38		COP			1,16	1,34	1,53	1,72	1,93	2,15	2,40
				43		CC			1013	1302	1630	2008	2447	2964	3576
				43		PC			956	1078	1200	1327	1458	1597	1742
				43		COP			1,06	1,21	1,36	1,51	1,68	1,86	2,05
	1,4	JEHCCU0140CM3	TAJ4517Z	27		CC			1295	1699	2165	2707	3343	4093	4975
				27		PC			973	1073	1168	1262	1355	1447	1540
				27		COP			1,33	1,58	1,85	2,15	2,47	2,83	3,23
				32		CC			1188	1564	1995	2493	3076	3759	4565
				32		PC			982	1093	1201	1307	1414	1520	1628
				32		COP			1,21	1,43	1,66	1,91	2,18	2,47	2,80
				35		CC			1122	1482	1891	2362	2912	3555	4314
				35		PC			984	1103	1218	1333	1448	1564	1682
				35		COP			1,14	1,34	1,55	1,77	2,01	2,27	2,57
				38		CC			1056	1399	1787	2231	2747	3351	4062
				38		PC			986	1112	1235	1358	1482	1607	1735
				38		COP			1,07	1,26	1,45	1,64	1,85	2,09	2,34
				43		CC			946	1260	1611	2010	2468	3003	3632
				43		PC			984	1122	1258	1396	1535	1678	1823
				43		COP			0,96	1,12	1,28	1,44	1,61	1,79	1,99

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R452A Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure																
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-30	-25	-20	-15	-10	-5	0	5	10	
Series 2	1,7	JEHCCU0170CM1	CAJ4519Z	27		CC			1601	2063	2594	3202	3896	4686		
				27		PC			1327	1459	1597	1742	1893	2054		
				27		COP			1,21	1,41	1,62	1,84	2,06	2,28		
				32		CC			1456	1904	2417	3005	3681	4454		
				32		PC			1344	1484	1628	1777	1933	2096		
				32		COP			1,08	1,28	1,48	1,69	1,90	2,12		
				35		CC			1368	1808	2310	2887	3550	4314		
				35		PC			1352	1497	1645	1798	1957	2122		
				35		COP			1,01	1,21	1,40	1,61	1,81	2,03		
				38		CC					1711	2202	2768	3420	4173	
				38		PC					1508	1662	1819	1980	2147	
				38		COP					1,13	1,33	1,52	1,73	1,94	
				43		CC					1549	2022	2567	3200	3936	
				43		PC					1523	1686	1851	2019	2189	
				43		COP					1,02	1,20	1,39	1,59	1,80	
	1,7	JEHCCU0170CM3	TAJ4519Z	27		CC			1697	2138	2641	3213	3860	4587		
				27		PC			1222	1363	1509	1661	1820	1987		
				27		COP			1,39	1,57	1,75	1,93	2,12	2,31		
				32		CC			1506	1931	2423	2981	3618	4340		
				32		PC			1252	1400	1551	1707	1869	2037		
				32		COP			1,20	1,38	1,56	1,75	1,94	2,13		
				35		CC			1424	1838	2316	2856	3471	4172		
				35		PC			1263	1415	1571	1732	1899	2072		
				35		COP			1,13	1,30	1,47	1,65	1,83	2,01		
				38		CC			1324	1732	2195	2723	3325	4013		
				38		PC			1273	1431	1592	1758	1929	2105		
				38		COP			1,04	1,21	1,38	1,55	1,72	1,91		
				43		CC					1551	1996	2500	3078	3741	
				43		PC					1452	1624	1799	1977	2160	
				43		COP					1,07	1,23	1,39	1,56	1,73	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure												
	HP	MODEL	COMPRESSOR	Ta - Te	(Watts)	-15	-10	-5	0	5	10	15
Series 1	0,4	JEHCCU0040CM1	AE4440Y	27	CC	452	582	714	854	1100	1330	1597
				27	PC	363	386	414	448	463	490	516
				27	COP	1,25	1,51	1,72	1,91	2,38	2,71	3,09
				32	CC	433	553	673	849	1039	1260	1516
				32	PC	367	393	425	450	479	509	540
				32	COP	1,18	1,41	1,58	1,89	2,17	2,48	2,81
				35	CC	415	532	646	816	998	1210	1458
				35	PC	346	373	407	434	465	498	532
				35	COP	1,20	1,42	1,59	1,88	2,15	2,43	2,74
				38	CC	397	510	618	783	957	1160	1399
				38	PC	325	353	388	417	451	487	523
				38	COP	1,22	1,44	1,59	1,88	2,12	2,38	2,67
				43	CC	369	475	597	754	935	1150	1405
				43	PC	331	361	393	424	457	490	521
				43	COP	1,11	1,32	1,52	1,78	2,05	2,35	2,70
	0,51	JEHCCU0051CM1	CAJ4461Y	27	CC	684	907	1106	1431	1774	2172	2632
				27	PC	445	482	538	573	618	664	712
				27	COP	1,54	1,88	2,06	2,50	2,87	3,27	3,70
				32	CC	635	831	1034	1337	1666	2052	2499
				32	PC	458	503	557	598	646	694	745
				32	COP	1,39	1,65	1,86	2,24	2,58	2,96	3,35
				35	CC	604	792	990	1281	1601	1976	2414
				35	PC	465	512	568	612	662	713	766
				35	COP	1,30	1,55	1,74	2,09	2,42	2,77	3,15
				38	CC	572	753	945	1225	1535	1900	2328
				38	PC	471	521	579	626	678	732	786
				38	COP	1,21	1,45	1,63	1,96	2,26	2,60	2,96
				43	CC	521	688	870	1131	1422	1765	2179
				43	PC	478	534	595	648	705	764	821
				43	COP	1,09	1,29	1,46	1,75	2,02	2,31	2,65
	0,63	JEHCCU0063CM1	CAJ4476Y	27	CC	828	1073	1307	1676	2056	2494	2995
				27	PC	535	582	642	685	740	799	864
				27	COP	1,55	1,84	2,04	2,45	2,78	3,12	3,47
				32	CC	756	988	1219	1572	1941	2364	2859
				32	PC	544	597	659	709	767	831	897
				32	COP	1,39	1,65	1,85	2,22	2,53	2,84	3,19
				35	CC	715	936	1163	1505	1867	2284	2769
				35	PC	547	604	669	723	784	850	919
				35	COP	1,31	1,55	1,74	2,08	2,38	2,69	3,01
				38	CC	673	884	1106	1438	1792	2203	2678
				38	PC	549	611	678	737	801	869	941
				38	COP	1,23	1,45	1,63	1,95	2,24	2,54	2,85
				43	CC	587	797	1010	1324	1659	2051	2507
				43	PC	548	618	692	758	830	904	982
				43	COP	1,07	1,29	1,46	1,75	2,00	2,27	2,55

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 1	0,77	JEHCCU0077M1	CAJ4492Y	27	CC	1003	1295	1560	2010	2455	2965	3547	
				27	PC	601	665	749	807	885	967	1057	
				27	COP	1,67	1,95	2,08	2,49	2,77	3,07	3,36	
				32	CC	920	1198	1460	1886	2318	2815	3382	
				32	PC	644	695	800	866	947	1033	1125	
				32	COP	1,43	1,72	1,83	2,18	2,45	2,73	3,01	
				35	CC	867	1137	1396	1808	2232	2719	3278	
				35	PC	634	699	797	868	952	1041	1135	
				35	COP	1,37	1,63	1,75	2,08	2,34	2,61	2,89	
				38	CC	814	1076	1332	1730	2145	2623	3174	
				38	PC	623	703	793	870	957	1048	1144	
				38	COP	1,31	1,53	1,68	1,99	2,24	2,50	2,77	
				43	CC	728	977	1223	1601	1994	2451	2981	
				43	PC	624	713	809	896	990	1088	1190	
				43	COP	1,17	1,37	1,51	1,79	2,01	2,25	2,51	
	0,95	JEHCCU0095CM1	CAJ4511Y	27	CC	1400	1683	1990	2439	3020	3520	4166	
				27	PC	760	840	931	1027	1133	1253	1388	
				27	COP	1,84	2,00	2,14	2,37	2,67	2,81	3,00	
				32	CC	1161	1490	1961	2294	2855	3345	3979	
				32	PC	773	861	955	1055	1165	1287	1423	
				32	COP	1,50	1,73	2,05	2,17	2,45	2,60	2,80	
				35	CC	1097	1417	1830	2202	2750	3233	3859	
				35	PC	778	871	970	1073	1186	1309	1447	
				35	COP	1,41	1,63	1,89	2,05	2,32	2,47	2,67	
				38	CC	1033	1344	1698	2109	2645	3121	3738	
				38	PC	782	881	984	1091	1206	1331	1470	
				38	COP	1,32	1,53	1,73	1,93	2,19	2,34	2,54	
				43	CC	933	1227	1559	1946	2450	2899	3484	
				43	PC	783	893	1005	1121	1244	1377	1521	
				43	COP	1,19	1,37	1,55	1,74	1,97	2,11	2,29	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure														
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15	20
Series 2	2	JEHSCU0200CM1	ZB15KQE-PFJ	27	CC	1700	2160	2680	3280	3950	4720	5590		
				27	PC	1010	1040	1070	1110	1140	1170	1210		
				27	COP	1,68	2,08	2,50	2,95	3,46	4,03	4,62		
				32	CC	1610	2050	2550	3120	3770	4530	5360		
				32	PC	1080	1110	1150	1180	1220	1260	1300		
				32	COP	1,49	1,85	2,22	2,64	3,09	3,60	4,12		
				35	CC	1555	1980	2465	3020	3660	4395	5215		
				35	PC	1125	1160	1200	1235	1275	1320	1360		
				35	COP	1,38	1,71	2,05	2,45	2,87	3,33	3,83		
				38	CC	1500	1910	2380	2920	3550	4260	5070		
				38	PC	1170	1210	1250	1290	1330	1380	1420		
				38	COP	1,28	1,58	1,90	2,26	2,67	3,09	3,57		
				43	CC	1420	1780	2240	2750	3350	4050	4830		
				43	PC	1260	1320	1350	1390	1440	1470	1520		
				43	COP	1,13	1,35	1,66	1,98	2,33	2,76	3,18		
	2	JEHSCU0200CM3	ZB15KQE-TFD	27	CC	1820	2290	2830	3480	4220	5080	6070		
				27	PC	915	945	965	995	1015	1035	1065		
				27	COP	1,99	2,42	2,93	3,50	4,16	4,91	5,70		
				32	CC	1730	2170	2700	3310	4020	4850	5770		
				32	PC	995	1025	1055	1075	1105	1125	1155		
				32	COP	1,74	2,12	2,56	3,08	3,64	4,31	5,00		
				35	CC	1675	2105	2615	3205	3895	4690	5590		
				35	PC	1045	1075	1105	1135	1165	1190	1220		
				35	COP	1,60	1,96	2,37	2,82	3,34	3,94	4,58		
				38	CC	1620	2040	2530	3100	3770	4530	5410		
				38	PC	1095	1125	1155	1195	1225	1255	1285		
				38	COP	1,48	1,81	2,19	2,59	3,08	3,61	4,21		
				43	CC	1530	1920	2380	2930	3560	4310	5130		
				43	PC	1175	1225	1255	1295	1335	1365	1405		
				43	COP	1,30	1,57	1,90	2,26	2,67	3,16	3,65		
	2,5	JEHSCU0250CM1	ZB19KQE-PFJ	27	CC	2140	2720	3400	4180	5100	6190	7470		
				27	PC	1090	1120	1150	1170	1200	1220	1230		
				27	COP	1,96	2,43	2,96	3,57	4,25	5,07	6,07		
				32	CC	2010	2590	3230	3980	4870	5930	7140		
				32	PC	1180	1210	1240	1270	1300	1320	1350		
				32	COP	1,70	2,14	2,60	3,13	3,75	4,49	5,29		
				35	CC	1935	2500	3130	3865	4730	5755	6945		
				35	PC	1235	1270	1300	1335	1370	1395	1425		
				35	COP	1,57	1,97	2,41	2,90	3,45	4,13	4,87		
				38	CC	1860	2410	3030	3750	4590	5580	6750		
				38	PC	1290	1330	1360	1400	1440	1470	1500		
				38	COP	1,44	1,81	2,23	2,68	3,19	3,80	4,50		
				43	CC	1730	2240	2860	3550	4360	5340	6450		
				43	PC	1400	1460	1480	1520	1560	1480	1620		
				43	COP	1,24	1,53	1,93	2,34	2,79	3,61	3,98		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure												
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-15	-10	-5	0	5	10	15
Series 2	2,5	JEHSCU0250CM3	ZB19KQE-TFD	27	CC	2080	2610	3230	3960	4800	5780	6890
				27	PC	1045	1075	1105	1135	1165	1195	1225
				27	COP	1,99	2,43	2,92	3,49	4,12	4,84	5,62
				32	CC	1980	2480	3070	3770	4570	5510	6550
				32	PC	1125	1165	1205	1235	1275	1305	1345
				32	COP	1,76	2,13	2,55	3,05	3,58	4,22	4,87
				35	CC	1920	2405	2975	3650	4425	5330	6340
				35	PC	1180	1225	1265	1305	1345	1380	1420
				35	COP	1,63	1,96	2,35	2,80	3,29	3,86	4,46
				38	CC	1860	2330	2880	3530	4280	5150	6130
				38	PC	1235	1285	1325	1375	1415	1455	1495
				38	COP	1,51	1,81	2,17	2,57	3,02	3,54	4,10
				43	CC	1750	2190	2720	3330	4050	4890	5810
				43	PC	1345	1395	1445	1495	1545	1575	1625
				43	COP	1,30	1,57	1,88	2,23	2,62	3,10	3,58
	3	JEHSCU0300CM1	ZB21KQE-PFJ	27	CC	2550	3240	4030	4920	5970	7200	8650
				27	PC	1300	1350	1390	1410	1440	1460	1490
				27	COP	1,96	2,40	2,90	3,49	4,15	4,93	5,81
				32	CC	2410	3090	3830	4690	5690	6890	8240
				32	PC	1400	1450	1500	1540	1570	1590	1640
				32	COP	1,72	2,13	2,55	3,05	3,62	4,33	5,02
				35	CC	2320	2985	3715	4550	5525	6680	8005
				35	PC	1465	1525	1580	1620	1660	1690	1740
				35	COP	1,58	1,96	2,35	2,81	3,33	3,95	4,60
				38	CC	2230	2880	3600	4410	5360	6470	7770
				38	PC	1530	1600	1660	1700	1750	1790	1840
				38	COP	1,46	1,80	2,17	2,59	3,06	3,61	4,22
				43	CC	2080	2690	3400	4180	5080	6190	7420
				43	PC	1660	1760	1800	1860	1900	1930	2000
				43	COP	1,25	1,53	1,89	2,25	2,67	3,21	3,71
	3	JEHSCU0300CM3	ZB21KQE-TFD	27	CC	2580	3220	3980	4860	5890	7080	8440
				27	PC	1295	1345	1385	1435	1485	1525	1565
				27	COP	1,99	2,39	2,87	3,39	3,97	4,64	5,39
				32	CC	2460	3060	3790	4620	5600	6740	7990
				32	PC	1395	1455	1505	1565	1615	1655	1715
				32	COP	1,76	2,10	2,52	2,95	3,47	4,07	4,66
				35	CC	2385	2970	3670	4475	5420	6510	7730
				35	PC	1460	1525	1585	1650	1705	1755	1815
				35	COP	1,63	1,95	2,32	2,71	3,18	3,71	4,26
				38	CC	2310	2880	3550	4330	5240	6280	7470
				38	PC	1525	1595	1665	1735	1795	1855	1915
				38	COP	1,51	1,81	2,13	2,50	2,92	3,39	3,90
				43	CC	2180	2720	3350	4090	4950	5980	7070
				43	PC	1655	1735	1805	1885	1955	2005	2085
				43	COP	1,32	1,57	1,86	2,17	2,53	2,98	3,39

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure												
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-15	-10	-5	0	5	10	15
Series 3	3,5	JEHSCU0360CM3	ZB26KQE-TFD	27	CC	3050	3840	4780	5880	7140	8600	10250
				27	PC	1560	1580	1600	1620	1660	1720	1810
				27	COP	1,96	2,43	2,99	3,63	4,30	5,00	5,66
				32	CC	2840	3610	4520	5600	6850	8290	9920
				32	PC	1730	1750	1760	1780	1800	1840	1920
				32	COP	1,64	2,06	2,57	3,15	3,81	4,51	5,17
				35	CC	2715	3470	4370	5435	6675	8100	9725
				35	PC	1845	1860	1870	1880	1890	1925	1995
				35	COP	1,47	1,87	2,34	2,89	3,53	4,21	4,87
				38	CC	2590	3330	4220	5270	6500	7910	9530
				38	PC	1960	1970	1980	1980	1980	2010	2070
				38	COP	1,32	1,69	2,13	2,66	3,28	3,94	4,60
				43	CC	2390	3100	3960	4980	6200	7590	9200
				43	PC	2160	2180	2170	2160	2150	2170	2210
				43	COP	1,11	1,42	1,82	2,31	2,88	3,50	4,16
	4	JEHSCU0400CM3	ZB29KQE-TFD	27	CC	3650	4510	5520	6690	8040	9600	11350
				27	PC	1600	1660	1730	1800	1880	1950	2030
				27	COP	2,28	2,72	3,19	3,72	4,28	4,92	5,59
				32	CC	3400	4240	5220	6360	7690	9230	11000
				32	PC	1790	1850	1910	1970	2030	2100	2160
				32	COP	1,90	2,29	2,73	3,23	3,79	4,40	5,09
				35	CC	3250	4070	5035	6160	7480	9000	10750
				35	PC	1920	1975	2030	2080	2135	2195	2250
				35	COP	1,69	2,06	2,48	2,96	3,50	4,10	4,78
				38	CC	3100	3900	4850	5960	7270	8770	10500
				38	PC	2050	2100	2150	2190	2240	2290	2340
				38	COP	1,51	1,86	2,26	2,72	3,25	3,83	4,49
				43	CC	2840	3620	4530	5620	6900	8380	10100
				43	PC	2300	2330	2370	2390	2420	2450	2490
				43	COP	1,23	1,55	1,91	2,35	2,85	3,42	4,06
	5	JEHSCU0500CM3	ZB38KQE-TFD	27	CC	4450	5560	6820	8260	9900	11750	13900
				27	PC	1980	2080	2190	2300	2420	2560	2710
				27	COP	2,25	2,67	3,11	3,59	4,09	4,59	5,13
				32	CC	4160	5240	6460	7870	9490	11350	13450
				32	PC	2200	2300	2400	2500	2600	2720	2860
				32	COP	1,89	2,28	2,69	3,15	3,65	4,17	4,70
				35	CC	3985	5040	6245	7635	9245	11100	13200
				35	PC	2360	2450	2540	2630	2720	2825	2950
				35	COP	1,69	2,06	2,46	2,90	3,40	3,93	4,47
				38	CC	3810	4840	6030	7400	9000	10850	12950
				38	PC	2520	2600	2680	2760	2840	2930	3040
				38	COP	1,51	1,86	2,25	2,68	3,17	3,70	4,26
				43	CC		4510	5660	7000	8580	10400	12500
				43	PC		2890	2950	3000	3050	3130	3210
				43	COP		1,56	1,92	2,33	2,81	3,32	3,89

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-15	-10	-5	0	5	10	15
Series 3	6	JEHSCU0600CM3	ZB45KQE-TFD	27	CC	5250	6520	8040	9780	11750	13950	16350	
				27	PC	2350	2460	2580	2700	2830	2950	3080	
				27	COP	2,23	2,65	3,12	3,62	4,15	4,73	5,31	
				32	CC	4930	6160	7610	9300	11250	13350	15700	
				32	PC	2590	2700	2820	2940	3060	3180	3310	
				32	COP	1,90	2,28	2,70	3,16	3,68	4,20	4,74	
				35	CC	4735	5930	7345	9005	10900	12975	15300	
				35	PC	2750	2860	2980	3100	3215	3335	3460	
				35	COP	1,72	2,07	2,46	2,90	3,39	3,89	4,42	
				38	CC	4540	5700	7080	8710	10550	12600	14900	
				38	PC	2910	3020	3140	3260	3370	3490	3610	
				38	COP	1,56	1,89	2,25	2,67	3,13	3,61	4,13	
				43	CC	4210	5310	6630	8190	9980	11950	14150	
				43	PC	3210	3330	3440	3550	3660	3780	3900	
				43	COP	1,31	1,59	1,93	2,31	2,73	3,16	3,63	
	6,8	JEHSCU0680CM3	ZB48KQE-TFD	27	CC	5910	7280	8860	10650	12700	15000	17550	
				27	PC	2720	2860	3010	3170	3350	3540	3780	
				27	COP	2,17	2,55	2,94	3,36	3,79	4,24	4,64	
				32	CC	5570	6890	8400	10150	12100	14400	16850	
				32	PC	3010	3150	3300	3460	3630	3810	4040	
				32	COP	1,85	2,19	2,55	2,93	3,33	3,78	4,17	
				35	CC	5355	6645	8120	9820	11750	14000	16425	
				35	PC	3210	3345	3495	3655	3820	3990	4215	
				35	COP	1,67	1,99	2,32	2,69	3,08	3,51	3,90	
				38	CC	5140	6400	7840	9490	11400	13600	16000	
				38	PC	3410	3540	3690	3850	4010	4170	4390	
				38	COP	1,51	1,81	2,12	2,46	2,84	3,26	3,64	
				43	CC		5990	7350	8940	10800	12900	15250	
				43	PC		3910	4060	4210	4360	4500	4720	
				43	COP			1,53	1,81	2,12	2,48	2,87	3,23
Series 4	8	JEHSCU0800CM3	ZB57KCE-TFD	27	CC	6700	8380	10350	12650	15350	18350	21800	
				27	PC	3330	3430	3540	3660	3770	3900	4030	
				27	COP	2,01	2,44	2,92	3,46	4,07	4,71	5,41	
				32	CC	6340	7950	9850	12050	14650	17550	20800	
				32	PC	3630	3740	3860	3980	4100	4230	4360	
				32	COP	1,75	2,13	2,55	3,03	3,57	4,15	4,77	
				35	CC	6130	7700	9555	11725	14250	17100	20300	
				35	PC	3820	3930	4050	4175	4295	4425	4550	
				35	COP	1,60	1,96	2,36	2,81	3,32	3,86	4,46	
				38	CC	5920	7450	9260	11400	13850	16650	19800	
				38	PC	4010	4120	4240	4370	4490	4620	4740	
				38	COP	1,48	1,81	2,18	2,61	3,08	3,60	4,18	
				43	CC	5500	6930	8630	10600	12950	15550	18550	
				43	PC	4430	4560	4700	4840	4970	5110	5240	
				43	COP	1,24	1,52	1,84	2,19	2,61	3,04	3,54	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R134a Medium Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Medium Back Pressure												
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-15	-10	-5	0	5	10	15
Series 4	10	JEHSCU1000CM3	ZB76KCE-TFD	27	CC	8850	10950	13450	16300	19600	23200	27300
				27	PC	4290	4470	4690	4910	5100	5270	5350
				27	COP	2,06	2,45	2,87	3,32	3,84	4,40	5,10
				32	CC	8360	10400	12750	15500	18700	22200	26100
				32	PC	4700	4860	5100	5320	5510	5670	5750
				32	COP	1,78	2,14	2,50	2,91	3,39	3,92	4,54
				35	CC	8090	10060	12375	15075	18175	21650	25500
				35	PC	4940	5110	5335	5560	5745	5905	5975
				35	COP	1,64	1,97	2,32	2,71	3,16	3,67	4,27
				38	CC	7820	9720	12000	14650	17650	21100	24900
				38	PC	5180	5360	5570	5800	5980	6140	6200
				38	COP	1,51	1,81	2,15	2,53	2,95	3,44	4,02
				43	CC		9010	11100	13550	16450	19650	23200
				43	PC		5920	6160	6400	6600	6770	6840
				43	COP		1,52	1,80	2,12	2,49	2,90	3,39

TE: Evaporating Temperature (°C)
TA: Ambient Temperature (°C)
CC: Cooling Capacity (W), ± 10%
PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R407A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 2	3	JEHSCU0300CL3	ZF09K4E-TFD	27	CC	1280	1630	2040	2520	3080
				27	PC	1540	1590	1650	1720	1810
				27	COP	0,83	1,03	1,24	1,47	1,70
				32	CC	1180	1510	1890	2330	2840
				32	PC	1720	1770	1830	1900	1990
				32	COP	0,69	0,85	1,03	1,23	1,43
				35	CC	1115	1430	1785	2205	2690
				35	PC	1840	1890	1950	2025	2100
				35	COP	0,61	0,76	0,92	1,09	1,28
Series 3	4	JEHSCU0400CL3	ZF13K4E-TFD	27	CC	1860	2410	3060	3840	4780
				27	PC	2000	2080	2160	2230	2310
				27	COP	0,93	1,16	1,42	1,72	2,07
				32	CC	1770	2290	2900	3640	4520
				32	PC	2230	2330	2430	2520	2620
				32	COP	0,79	0,98	1,19	1,44	1,73
				35	CC	1710	2215	2800	3510	4360
				35	PC	2375	2500	2615	2720	2830
				35	COP	0,72	0,89	1,07	1,29	1,54
				38	CC	1650	2140	2700	3380	4200
				38	PC	2520	2670	2800	2920	3040
				38	COP	0,65	0,80	0,96	1,16	1,38
				43	CC	1560	2010	2530	3160	3920
				43	PC	2800	2980	3150	3310	3450
				43	COP	0,56	0,67	0,80	0,95	1,14
	5	JEHSCU0500CL3	ZF15K4E-TFD	27	CC	2270	2930	3720	4670	5810
				27	PC	2400	2550	2680	2810	2940
				27	COP	0,95	1,15	1,39	1,66	1,98
				32	CC	2140	2770	3510	4390	5450
				32	PC	2670	2850	3020	3180	3350
				32	COP	0,80	0,97	1,16	1,38	1,63
				35	CC	2065	2670	3375	4220	5225
				35	PC	2845	3055	3250	3440	3625
				35	COP	0,73	0,87	1,04	1,23	1,44
				38	CC	1990	2570	3240	4050	5000
				38	PC	3020	3260	3480	3700	3900
				38	COP	0,66	0,79	0,93	1,09	1,28
				43	CC	1860	2400	3020	3750	4610
				43	PC	3340	3640	3920	4180	4440
				43	COP	0,56	0,66	0,77	0,90	1,04

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 3	6	JEHSCU0600CL3	ZF18KQE-TFD	27	CC	2700	3490	4430	5550	6890
				27	PC	3070	3210	3360	3490	3640
				27	COP	0,88	1,09	1,32	1,59	1,89
				32	CC	2560	3310	4180	5220	6460
				32	PC	3390	3570	3750	3930	4100
				32	COP	0,76	0,93	1,11	1,33	1,58
				35	CC	2475	3195	4025	5010	6185
				35	PC	3600	3805	4015	4220	4415
				35	COP	0,69	0,84	1,00	1,19	1,40
				38	CC	2390	3080	3870	4800	5910
				38	PC	3810	4040	4280	4510	4730
				38	COP	0,63	0,76	0,90	1,06	1,25
				43	CC	2240	2880			
				43	PC	4200	4480			
				43	COP	0,53	0,64			
Series 4	7,5	JEHSCU0750CL3	ZF25K4E-TFD	27	CC	3520	4540	5730	7160	8850
				27	PC	3500	3780	4080	4390	4700
				27	COP	1,01	1,20	1,40	1,63	1,88
				32	CC	3320	4290	5440	6790	8410
				32	PC	3870	4170	4500	4830	5150
				32	COP	0,86	1,03	1,21	1,41	1,63
				35	CC	3200	4150	5270	6585	8160
				35	PC	4130	4435	4780	5115	5445
				35	COP	0,77	0,94	1,10	1,29	1,50
				38	CC	3080	4010	5100	6380	7910
				38	PC	4390	4700	5060	5400	5740
				38	COP	0,70	0,85	1,01	1,18	1,38
				43	CC	2880	3790	4830	6050	7500
				43	PC	4880	5200	5570	5930	6270
				43	COP	0,59	0,73	0,87	1,02	1,20

R407A Low Temperature

(Rating Condition: Superheat 10K, Subcooling – Refer sub-cooling table in page 125)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 4	9,5	JEHSCU0950CL3 EVI	ZF18KVE-TFD-EVI	27	CC	3970	5030	6090	7300	8770
				27	PC	3300	3480	3660	3860	4110
				27	COP	1,20	1,45	1,66	1,89	2,13
				32	CC	3940	4960	5980	7140	8560
				32	PC	3770	3940	4120	4330	4580
				32	COP	1,05	1,26	1,45	1,65	1,87
				35	CC	3915	4910	5900	7030	8420
				35	PC	4120	4285	4450	4650	4900
				35	COP	0,96	1,15	1,33	1,51	1,72

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407A Low Temperature

(Rating Condition: Superheat 10K, Subcooling – Refer sub-cooling table in page 148)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-40	-35	-30	-25	-20
Series 4	9,51	JEHSCU0951CL3 EVI	ZFI26KQE-TFD	27	CC	3941	4936	5989	7219	8746
				27	PC	3716	3778	3839	3920	4042
				27	COP	1,06	1,31	1,56	1,84	2,16
				32	CC		4885	5894	7070	8528
				32	PC		4154	4256	4381	4550
				32	COP		1,18	1,38	1,61	1,87
				35	CC		4831	5812	6957	8387
				35	PC		4553	4638	4746	4898
				35	COP		1,06	1,25	1,47	1,71
				38	CC			5728	6841	8237
				38	PC			5033	5135	5283
				38	COP			1,14	1,33	1,56
				43	CC					7962
				43	PC					6012
				43	COP					1,32

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 3	4	JEHSCU0400CL3	ZF13K4E-TFD	27	CC	1960	2530	3200	4010	4970
				27	PC	2100	2210	2300	2390	2490
				27	COP	0,93	1,14	1,39	1,68	2,00
				32	CC	1840	2380	3020	3790	4700
				32	PC	2390	2510	2610	2710	2810
				32	COP	0,77	0,95	1,16	1,40	1,67
				35	CC	1770	2290	2910	3650	4535
				35	PC	2580	2715	2825	2930	3035
				35	COP	0,69	0,84	1,03	1,25	1,49
				38	CC	1700	2200	2800	3510	4370
				38	PC	2770	2920	3040	3150	3260
				38	COP	0,61	0,75	0,92	1,11	1,34
				43	CC		2040	2600	3270	4080
				43	PC		3300	3450	3580	3690
				43	COP		0,62	0,75	0,91	1,11
	5	JEHSCU0500CL3	ZF15K4E-TFD	27	CC	2390	3070	3880	4860	6010
				27	PC	2520	2700	2860	3020	3190
				27	COP	0,95	1,14	1,36	1,61	1,88
				32	CC	2220	2870	3640	4550	5640
				32	PC	2870	3080	3260	3440	3620
				32	COP	0,77	0,93	1,12	1,32	1,56
				35	CC	2120	2745	3485	4360	5410
				35	PC	3110	3335	3540	3730	3910
				35	COP	0,68	0,82	0,98	1,17	1,38

R407F Low Temperature

(Rating Condition: Superheat 10K, Subcooling – Refer sub-cooling table in page 125)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 4	9,5	JEHSCU0950CL3 EVI	ZF18KVE-TFD-EVI	27	CC	4080	5060	6240	7610	9170
				27	PC	3690	3960	4250	4560	4880
				27	COP	1,11	1,28	1,47	1,67	1,88
				32	CC	3950	4880	6000	7300	8810
				32	PC	4240	4510	4820	5140	5480
				32	COP	0,93	1,08	1,24	1,42	1,61
				35	CC	3860	4750	5830		
				35	PC	4630	4900	5210		
				35	COP	0,83	0,97	1,12		

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R407F Low Temperature

(Rating Condition: Superheat 10K, Subcooling – Refer sub-cooling table in page 125)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-40	-35	-30	-25	-20
Series 4	9,51	JEHSCU0951CL3 EVI	ZFI26KQE-TFD	27	CC	3955	4950	6006	7241	8773
				27	PC	3451	3525	3593	3677	3798
				27	COP	1,15	1,40	1,67	1,97	2,31
				32	CC		4902	5918	7101	8569
				32	PC		3857	3964	4089	4253
				32	COP		1,27	1,49	1,74	2,02
				35	CC		4853	5841	6997	8438
				35	PC		4210	4302	4413	4564
				35	COP		1,15	1,36	1,59	1,85
				38	CC			5763	6889	8298
				38	PC			4652	4760	4908
				38	COP			1,24	1,45	1,69
				43	CC					8042
				43	PC					5558
				43	COP					1,45

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure												
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	1,8	JEHCCU0180CL1	FH2480Z-XC3A	27	CC			1235*	1738	2349	3076	3931
				27	PC			1148*	1366	1597	1839	2091
				27	COP			1,08*	1,27	1,47	1,67	1,88
				32	CC			1082*	1564	2149	2847	3670
				32	PC			1128*	1361	1609	1869	2139
				32	COP			0,96*	1,15	1,34	1,52	1,72
				35	CC			990*	1459*	2028	2709	3512
				35	PC			1112*	1354*	1611	1882	2165
				35	COP			0,89*	1,08*	1,26	1,44	1,62
				38	CC				1353*	1906	2570	3353
				38	PC				1343*	1611	1893	2187
				38	COP				1,01*	1,18	1,36	1,53
				43	CC				1177*	1704*	2337	3088
				43	PC				1316*	1602*	1903	2218
				43	COP				0,89*	1,06*	1,23	1,39
	1,8	JEHCCU0180CL3	FH2480Z-XG1A	27	CC			1105*	1582	2163	2859	3681
				27	PC			997*	1188	1388	1594	1804
				27	COP			1,11*	1,33	1,56	1,79	2,04
				32	CC			979*	1423	1963	2609	3370
				32	PC			980*	1182	1397	1622	1857
				32	COP			1,00*	1,20	1,41	1,61	1,81
				35	CC			902*	1328*	1843	2458	3182
				35	PC			967*	1175*	1398	1635	1884
				35	COP			0,93*	1,13*	1,32	1,50	1,69
				38	CC			826*	1232	1722	2306	2992
				38	PC			950*	1165*	1396	1644	1906
				38	COP			0,87*	1,06*	1,23	1,40	1,57
				43	CC				1072*	1521*	2053	2676
				43	PC				1141*	1386*	1650	1934
				43	COP				0,94*	1,10*	1,24	1,38
	2,1	JEHCCU0210CL1	FH2511Z-XC3A	27	CC			1538*	2216*	3038	4017	5167
				27	PC			1453*	1762*	2091	2440	2805
				27	COP			1,06*	1,26*	1,45	1,65	1,84
				32	CC			1420*	2055*	2821	3730	4793
				32	PC			1433*	1750*	2094	2463	2856
				32	COP			0,99*	1,17*	1,35	1,51	1,68
				35	CC			1327*	1936*	2668*	3533	4542
				35	PC			1415*	1738*	2091*	2474	2885
				35	COP			0,94*	1,11*	1,28*	1,43	1,57
				38	CC				1800*	2496*	3316	4271
				38	PC				1721*	2084*	2481	2910
				38	COP				1,05*	1,20*	1,34	1,47
				43	CC				1673*	2315*	3066	3933
				43	PC				1701*	2072*	2482	2933
				43	COP				0,98*	1,12*	1,23	1,34

* Condition with high discharge temperature

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	2,1	JEHCCU0210CL3	FH2511Z-XG1A	27	CC		1464*	2093	2856	3765	4833
				27	PC		1377*	1661	1963	2282	2616
				27	COP		1,06*	1,26	1,45	1,65	1,85
				32	CC		1356*	1946*	2659	3504	4492
				32	PC		1361*	1653*	1968	2307	2667
				32	COP		1,00*	1,18*	1,35	1,52	1,68
				35	CC		1271*	1838*	2519*	3324	4263
				35	PC		1345*	1643*	1968*	2319	2696
				35	COP		0,95*	1,12*	1,28*	1,43	1,58
				38	CC			1714*	2362*	3126	4017
				38	PC			1629*	1964*	2328	2722
				38	COP			1,05*	1,20*	1,34	1,48
				43	CC			1597*	2197*	2898	3708
				43	PC			1612*	1955*	2333	2747
				43	COP			0,99*	1,12*	1,24	1,35
	3	JEHSCU0300CL3	ZF09K4E-TFD	27	CC	1330	1690	2120	2610	3190	
				27	PC	1430	1520	1620	1730	1850	
				27	COP	0,93	1,11	1,31	1,51	1,72	
				32	CC	1270	1620	2030	2500	3060	
				32	PC	1590	1670	1760	1860	1980	
				32	COP	0,80	0,97	1,15	1,34	1,55	
				35	CC	1225	1570	1970	2430	2970	
				35	PC	1710	1780	1865	1960	2075	
				35	COP	0,72	0,88	1,06	1,24	1,43	
				38	CC	1180	1520	1910	2360	2880	
				38	PC	1830	1890	1970	2060	2170	
				38	COP	0,64	0,80	0,97	1,15	1,33	
				43	CC	1100	1430	1800	2230	2730	
				43	PC	2070	2110	2180	2260	2350	
				43	COP	0,53	0,68	0,83	0,99	1,16	
Series 3	4	JEHSCU0400CL3	ZF13K4E-TFD	27	CC	2050	2670	3380	4210	5150	
				27	PC	2190	2200	2250	2340	2470	
				27	COP	0,94	1,21	1,50	1,80	2,09	
				32	CC	1950	2530	3200	3980	4870	
				32	PC	2480	2480	2520	2610	2730	
				32	COP	0,79	1,02	1,27	1,52	1,78	
				35	CC	1900	2445	3085	3835	4690	
				35	PC	2690	2680	2720	2805	2925	
				35	COP	0,71	0,91	1,13	1,37	1,60	
				38	CC	1850	2360	2970	3690	4510	
				38	PC	2900	2880	2920	3000	3120	
				38	COP	0,64	0,82	1,02	1,23	1,45	
				43	CC	1760	2230	2780	3430	4190	
				43	PC	3320	3290	3310	3380	3490	
				43	COP	0,53	0,68	0,84	1,01	1,20	

* Condition with high discharge temperature

TE: Evaporating Temperature (°C)
TA: Ambient Temperature (°C)
CC: Cooling Capacity (W), ± 10%
PC: Power consumption (W), ± 10%

R448A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20
Series 3	6	JEHSCU0600CL3	ZF18KQE-TFD	27	CC	2880	3750	4710	5800	7040
				27	PC	3570	3580	3660	3820	4030
				27	COP	0,81	1,05	1,29	1,52	1,75
				32	CC	2650	3490	4430	5470	6640
				32	PC	4230	4190	4240	4380	4580
				32	COP	0,63	0,83	1,04	1,25	1,45
				35	CC	2485	3315	4235	5245	6380
				35	PC	4745	4675	4695	4810	4995
				35	COP	0,52	0,71	0,90	1,09	1,28
				38	CC	2320	3140	4040	5020	6120
				38	PC	5260	5160	5150	5240	5410
				38	COP	0,44	0,61	0,78	0,96	1,13
				43	CC	2010	2820	3690		
				43	PC	6330	6150	6090		
				43	COP	0,32	0,46	0,61		
Series 4	7,5	JEHSCU0750CL3	ZF25K4E-TFD	27	CC	4000	5050	6260	7630	9200
				27	PC	3420	3680	3950	4300	4670
				27	COP	1,17	1,37	1,58	1,77	1,97
				32	CC	3810	4810	5980	7290	8790
				32	PC	3830	4080	4350	4690	5070
				32	COP	0,99	1,18	1,37	1,55	1,73
				35	CC	3675	4655	5790	7080	8555
				35	PC	4160	4390	4655	4970	5320
				35	COP	0,89	1,06	1,24	1,42	1,61
				38	CC	3540	4500	5600	6870	8320
				38	PC	4490	4700	4960	5250	5570
				38	COP	0,79	0,96	1,13	1,31	1,49
				43	CC	3340	4260	5300	6500	7880
				43	PC	5100	5280	5520	5790	6100
				43	COP	0,65	0,81	0,96	1,12	1,29

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R448A Low Temperature

(Rating Condition: Superheat 10K, Subcooling – Refer sub-cooling table in page 125)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta Te	(Watts)	-40	-35	-30	-25	-20
Series 4	9,5	JEHSCU0950CL3 EVI	ZF18KVE-TFD-EVI	27	CC	3950	4940	6090	7420	8980
				27	PC	3280	3620	3880	4080	4240
				27	COP	1,20	1,36	1,57	1,82	2,12
				32	CC	3880	4860	5970	7250	8750
				32	PC	3520	3930	4270	4530	4750
				32	COP	1,10	1,24	1,40	1,60	1,84
				35	CC	3840	4800	5890	7180	8600
				35	PC	3660	4130	4510	4720	5080
				35	COP	1,05	1,16	1,31	1,52	1,69
	9,51	JEHSCU0951CL3 EVI	ZFI26KQE-TFD	27	CC	3939	4934	6091	7426	8956
				27	PC	3450	3638	3847	4067	4289
				27	COP	1,14	1,36	1,58	1,83	2,09
				32	CC		4846	5947	7217	8670
				32	PC		3946	4215	4496	4776
				32	COP		1,23	1,41	1,61	1,82
				35	CC		4750	5817	7055	8481
				35	PC		4266	4543	4825	5102
				35	COP		1,11	1,28	1,46	1,66
				38	CC			5686	6888	8279
				38	PC			4875	5170	5455
				38	COP			1,17	1,33	1,52
				43	CC					7917
				43	PC					6111
				43	COP					1,30

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R449A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure												
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	1,8	JEHCCU0180CL1	FH2480Z-XC3A	27	CC			1235*	1738	2349	3076	3931
				27	PC			1148*	1366	1597	1839	2091
				27	COP			1,08*	1,27	1,47	1,67	1,88
				32	CC			1082*	1564	2149	2847	3670
				32	PC			1128*	1361	1609	1869	2139
				32	COP			0,96*	1,15	1,34	1,52	1,72
				35	CC			990*	1459*	2028	2709	3512
				35	PC			1112*	1354*	1611	1882	2165
				35	COP			0,89*	1,08*	1,26	1,44	1,62
				38	CC				1353*	1906	2570	3353
				38	PC				1343*	1611	1893	2187
				38	COP				1,01*	1,18	1,36	1,53
				43	CC				1177*	1704*	2337	3088
				43	PC				1316*	1602*	1903	2218
				43	COP				0,89*	1,06*	1,23	1,39
	1,8	JEHCCU0180CL3	FH2480Z-XG1A	27	CC			1105*	1582	2163	2859	3681
				27	PC			997*	1188	1388	1594	1804
				27	COP			1,11*	1,33	1,56	1,79	2,04
				32	CC			979*	1423	1963	2609	3370
				32	PC			980*	1182	1397	1622	1857
				32	COP			1,00*	1,20	1,41	1,61	1,81
				35	CC			902*	1328*	1843	2458	3182
				35	PC			967*	1175*	1398	1635	1884
				35	COP			0,93*	1,13*	1,32	1,50	1,69
				38	CC			826*	1232	1722	2306	2992
				38	PC			950*	1165*	1396	1644	1906
				38	COP			0,87*	1,06*	1,23	1,40	1,57
				43	CC				1072*	1521*	2053	2676
				43	PC				1141*	1386*	1650	1934
				43	COP				0,94*	1,10*	1,24	1,38
	2,1	JEHCCU0210CL1	FH2511Z-XC3A	27	CC			1538*	2216*	3038	4017	5167
				27	PC			1453*	1762*	2091	2440	2805
				27	COP			1,06*	1,26*	1,45	1,65	1,84
				32	CC			1420*	2055*	2821	3730	4793
				32	PC			1433*	1750*	2094	2463	2856
				32	COP			0,99*	1,17*	1,35	1,51	1,68
				35	CC			1327*	1936*	2668*	3533	4542
				35	PC			1415*	1738*	2091*	2474	2885
				35	COP			0,94*	1,11*	1,28*	1,43	1,57
				38	CC				1800*	2496*	3316	4271
				38	PC				1721*	2084*	2481	2910
				38	COP				1,05*	1,20*	1,34	1,47
				43	CC				1673*	2315*	3066	3933
				43	PC				1701*	2072*	2482	2933
				43	COP				0,98*	1,12*	1,23	1,34

* Condition with high discharge temperature

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	2,1	JEHCCU0210CL3	FH2511Z-XG1A	27	CC		1464*	2093	2856	3765	4833
				27	PC		1377*	1661	1963	2282	2616
				27	COP		1,06*	1,26	1,45	1,65	1,85
				32	CC		1356*	1946*	2659	3504	4492
				32	PC		1361*	1653*	1968	2307	2667
				32	COP		1,00*	1,18*	1,35	1,52	1,68
				35	CC		1271*	1838*	2519*	3324	4263
				35	PC		1345*	1643*	1968*	2319	2696
				35	COP		0,95*	1,12*	1,28*	1,43	1,58
				38	CC			1714*	2362*	3126	4017
				38	PC			1629*	1964*	2328	2722
				38	COP			1,05*	1,20*	1,34	1,48
				43	CC			1597*	2197*	2898	3708
				43	PC			1612*	1955*	2333	2747
				43	COP			0,99*	1,12*	1,24	1,35
	3	JEHSCU0300CL3	ZF09K4E-TFD	27	CC	1330	1690	2120	2610	3190	
				27	PC	1430	1520	1620	1730	1850	
				27	COP	0,93	1,11	1,31	1,51	1,72	
				32	CC	1270	1620	2030	2500	3060	
				32	PC	1590	1670	1760	1860	1980	
				32	COP	0,80	0,97	1,15	1,34	1,55	
				35	CC	1225	1570	1970	2430	2970	
				35	PC	1710	1780	1865	1960	2075	
				35	COP	0,72	0,88	1,06	1,24	1,43	
				38	CC	1180	1520	1910	2360	2880	
				38	PC	1830	1890	1970	2060	2170	
				38	COP	0,64	0,80	0,97	1,15	1,33	
				43	CC	1100	1430	1800	2230	2730	
				43	PC	2070	2110	2180	2260	2350	
				43	COP	0,53	0,68	0,83	0,99	1,16	
Series 3	4	JEHSCU0400CL3	ZF13K4E-TFD	27	CC	2050	2670	3380	4210	5150	
				27	PC	2190	2200	2250	2340	2470	
				27	COP	0,94	1,21	1,50	1,80	2,09	
				32	CC	1950	2530	3200	3980	4870	
				32	PC	2480	2480	2520	2610	2730	
				32	COP	0,79	1,02	1,27	1,52	1,78	
				35	CC	1900	2445	3085	3835	4690	
				35	PC	2690	2680	2720	2805	2925	
				35	COP	0,71	0,91	1,13	1,37	1,60	
				38	CC	1850	2360	2970	3690	4510	
				38	PC	2900	2880	2920	3000	3120	
				38	COP	0,64	0,82	1,02	1,23	1,45	
				43	CC	1760	2230	2780	3430	4190	
				43	PC	3320	3290	3310	3380	3490	
				43	COP	0,53	0,68	0,84	1,01	1,20	

* Condition with high discharge temperature

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta Te	(Watts)	-40	-35	-30	-25	-20
Series 3	6	JEHSCU0600CL3	ZF18KQE-TFD	27	CC	2880	3750	4710	5800	7040
				27	PC	3570	3580	3660	3820	4030
				27	COP	0,81	1,05	1,29	1,52	1,75
				32	CC	2650	3490	4430	5470	6640
				32	PC	4230	4190	4240	4380	4580
				32	COP	0,63	0,83	1,04	1,25	1,45
				35	CC	2485	3315	4235	5245	6380
				35	PC	4745	4675	4695	4810	4995
				35	COP	0,52	0,71	0,90	1,09	1,28
				38	CC	2320	3140	4040	5020	6120
				38	PC	5260	5160	5150	5240	5410
				38	COP	0,44	0,61	0,78	0,96	1,13
				43	CC	2010	2820	3690		
				43	PC	6330	6150	6090		
				43	COP	0,32	0,46	0,61		
Series 4	7,5	JEHSCU0750CL3	ZF25K4E-TFD	27	CC	4000	5050	6260	7630	9200
				27	PC	3420	3680	3950	4300	4670
				27	COP	1,17	1,37	1,58	1,77	1,97
				32	CC	3810	4810	5980	7290	8790
				32	PC	3830	4080	4350	4690	5070
				32	COP	0,99	1,18	1,37	1,55	1,73
				35	CC	3675	4655	5790	7080	8555
				35	PC	4160	4390	4655	4970	5320
				35	COP	0,89	1,06	1,24	1,42	1,61
				38	CC	3540	4500	5600	6870	8320
				38	PC	4490	4700	4960	5250	5570
				38	COP	0,79	0,96	1,13	1,31	1,49
				43	CC	3340	4260	5300	6500	7880
				43	PC	5100	5280	5520	5790	6100
				43	COP	0,65	0,81	0,96	1,12	1,29

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R449A Low Temperature

(Rating Condition: Superheat 10K, Subcooling – Refer sub-cooling table in page 125)

Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta Te	(Watts)	-40	-35	-30	-25	-20
Series 4	9,5	JEHSCU0950CL3 EVI	ZF18KVE-TFD-EVI	27	CC	3950	4940	6090	7420	8980
				27	PC	3280	3620	3880	4080	4240
				27	COP	1,20	1,36	1,57	1,82	2,12
				32	CC	3880	4860	5970	7250	8750
				32	PC	3520	3930	4270	4530	4750
				32	COP	1,10	1,24	1,40	1,60	1,84
				35	CC	3840	4800	5890	7180	8600
				35	PC	3660	4130	4510	4720	5080
				35	COP	1,05	1,16	1,31	1,52	1,69
	9,51	JEHSCU0951CL3 EVI	ZFI26KQE-TFD	27	CC	3939	4934	6091	7426	8956
				27	PC	3450	3638	3847	4067	4289
				27	COP	1,14	1,36	1,58	1,83	2,09
				32	CC		4846	5947	7217	8670
				32	PC		3946	4215	4496	4776
				32	COP		1,23	1,41	1,61	1,82
				35	CC		4750	5817	7055	8481
				35	PC		4266	4543	4825	5102
				35	COP		1,11	1,28	1,46	1,66
				38	CC			5686	6888	8279
				38	PC			4875	5170	5455
				38	COP			1,17	1,33	1,52
				43	CC					7917
				43	PC					6111
				43	COP					1,30

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R452A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

		Low Back Pressure										
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 1	1,15	JEHCCU0115CL1	CAJ2446Z	27	CC		705	934	1203	1514	1870	
				27	PC		610	695	786	882	985	
				27	COP		1,16	1,34	1,53	1,72	1,90	
				32	CC		637	854	1108	1402	1740	
				32	PC		609	701	799	902	1012	
				32	COP		1,05	1,22	1,39	1,55	1,72	
				35	CC		596	805	1050	1334	1660	
				35	PC		607	703	805	913	1027	
				35	COP		0,98	1,14	1,30	1,46	1,62	
				38	CC		555	756	992	1265	1580	
				38	PC		603	704	810	922	1041	
				38	COP		0,92	1,07	1,22	1,37	1,52	
				43	CC		486	674	894	1149	1444	
				43	PC		595	703	817	936	1063	
				43	COP		0,82	0,96	1,09	1,23	1,36	
	1,35	JEHCCU0135CL1	CAJ2464Z	27	CC		924	1209	1547	1942	2400	
				27	PC		828	940	1062	1193	1335	
				27	COP		1,12	1,29	1,46	1,63	1,80	
				32	CC		814	1075	1382	1740	2155	
				32	PC		829	954	1087	1232	1389	
				32	COP		0,98	1,13	1,27	1,41	1,55	
				35	CC		748	993	1281	1617	2005	
				35	PC		827	958	1099	1252	1417	
				35	COP		0,90	1,04	1,17	1,29	1,42	
				38	CC		682	911	1179	1492	1854	
				38	PC		822	960	1108	1269	1442	
				38	COP		0,83	0,95	1,06	1,18	1,29	
				43	CC		573	775	1011	1285	1602	
				43	PC		808	957	1117	1291	1478	
				43	COP		0,71	0,81	0,90	1,00	1,08	
Series 2	1,8	JEHCCU0180CL1	FH2480Z-XC3A	27	CC	836	1242	1669	2155	2737	3454	
				27	PC	859	1021	1171	1322	1485	1672	
				27	COP	0,97	1,22	1,43	1,63	1,84	2,07	
				32	CC	678	1103	1529	1996	2542	3208	
				32	PC	884	1074	1250	1425	1611	1822	
				32	COP	0,77	1,03	1,22	1,40	1,58	1,76	
				35	CC	577	1015	1443	1899	2426	3062	
				35	PC	865	1065	1251	1434	1628	1845	
				35	COP	0,67	0,95	1,15	1,32	1,49	1,66	
				38	CC	470*	924*	1354	1803	2310	2919	
				38	PC	842*	1053*	1249	1441	1642	1866	
				38	COP	0,56*	0,88*	1,08	1,25	1,41	1,56	
				43	CC	278*	761*	1200	1638	2118	2682	
				43	PC	796*	1027*	1239	1447	1662	1898	
				43	COP	0,35*	0,74*	0,97	1,13	1,27	1,41	

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

R452A Low Temperature (Rating Condition: Suction Return Gas 20°C, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	1,8	JEHCCU0180CL3	FH2480Z-XG1A	27	CC	887	1289	1781	2368	3056	3852
				27	PC	886	1072	1269	1475	1690	1913
				27	COP	1,00	1,20	1,40	1,60	1,81	2,01
				32	CC	747	1133	1601	2160	2816	3577
				32	PC	859	1056	1265	1486	1716	1955
				32	COP	0,87	1,07	1,27	1,45	1,64	1,83
				35	CC	664	1038	1492	2034	2671	3410
				35	PC	838	1042	1259	1489	1728	1977
				35	COP	0,79	1,00	1,19	1,37	1,55	1,72
				38	CC	582*	944	1384	1908	2525	3242
				38	PC	813*	1025	1250	1489	1738	1996
				38	COP	0,72*	0,92	1,11	1,28	1,45	1,62
				43	CC	446*	789*	1203	1697	2280	2961
				43	PC	765*	989*	1228	1482	1748	2023
				43	COP	0,58*	0,80*	0,98	1,15	1,30	1,46
	2,1	JEHCCU0210CL1	FH2511Z-XC3A	27	CC	1307	1880	2573	3390	4337	5416
				27	PC	1352	1654	1981	2332	2708	3108
				27	COP	0,97	1,14	1,30	1,45	1,60	1,74
				32	CC	1056	1604	2264	3043	3947	4983
				32	PC	1293	1616	1965	2340	2739	3163
				32	COP	0,82	0,99	1,15	1,30	1,44	1,58
				35	CC		1439	2078	2833	3711	4722
				35	PC		1584	1947	2337	2752	3191
				35	COP		0,91	1,07	1,21	1,35	1,48
				38	CC		1275*	1893	2623	3475	4459
				38	PC		1545*	1923	2329	2760	3214
				38	COP		0,83*	0,98	1,13	1,26	1,39
				43	CC		1006*	1586*	2274	3082	4020
				43	PC		1464*	1869*	2302	2761	3244
				43	COP		0,69*	0,85*	0,99	1,12	1,24
	2,1	JEHCCU0210CL3	FH2511Z-XG1A	27	CC	1251	1783	2428	3190	4072	5080
				27	PC	1229	1495	1781	2088	2416	2765
				27	COP	1,02	1,19	1,36	1,53	1,69	1,84
				32	CC	1022	1532	2147	2873	3718	4686
				32	PC	1182	1465	1771	2099	2448	2818
				32	COP	0,87	1,05	1,21	1,37	1,52	1,66
				35	CC	886*	1381	1978	2683	3504	4448
				35	PC	1145*	1440	1758	2099	2462	2845
				35	COP	0,77*	0,96	1,12	1,28	1,42	1,56
				38	CC	751*	1231	1808	2491	3289	4209
				38	PC	1100*	1408	1740	2095	2471	2868
				38	COP	0,68*	0,87	1,04	1,19	1,33	1,47
				43	CC		984*	1528*	2173	2930	3810
				43	PC		1340*	1696*	2075	2477	2898
				43	COP		0,73*	0,90*	1,05	1,18	1,31

*Condition with high discharge temperature

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

R448A Low Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	1,8	JEHCCU0180CL1	FH2480Z-XC3A	27	CC		1080	1538	2105	2794	3620
				27	PC		1148	1366	1597	1839	2091
				27	COP		0,94	1,13	1,32	1,52	1,73
				32	CC		937	1372	1911	2569	3360
				32	PC		1128	1361	1609	1869	2139
				32	COP		0,83	1,01	1,19	1,37	1,57
				35	CC		852	1272	1794	2433	3204
				35	PC		1112	1354	1611	1882	2165
				35	COP		0,77	0,94	1,11	1,29	1,48
				38	CC			1173	1678	2297	3048
				38	PC			1343	1611	1893	2187
				38	COP			0,87	1,04	1,21	1,39
				43	CC			1009	1485	2072	2787
				43	PC			1316	1602	1903	2218
				43	COP			0,77	0,93	1,09	1,26
	1,8	JEHCCU0180CL3	FH2480Z-XG1A	27	CC		964	1398	1937	2596	3392
				27	PC		997	1188	1388	1594	1804
				27	COP		0,97	1,18	1,40	1,63	1,88
				32	CC		846	1247	1743	2351	3083
				32	PC		980	1182	1397	1622	1857
				32	COP		0,86	1,05	1,25	1,45	1,66
				35	CC		775	1156	1628	2203	2897
				35	PC		967	1175	1398	1635	1884
				35	COP		0,80	0,98	1,16	1,35	1,54
				38	CC		704	1066	1511	2055	2710
				38	PC		950	1165	1396	1644	1906
				38	COP		0,74	0,92	1,08	1,25	1,42
				43	CC			917	1320	1810	2400
				43	PC			1141	1386	1650	1934
				43	COP			0,80	0,95	1,10	1,24
	2,1	JEHCCU0210CL1	FH2511Z-XC3A	27	CC		1331	1942	2699	3619	4727
				27	PC		1453	1762	2091	2440	2805
				27	COP		0,92	1,10	1,29	1,48	1,69
				32	CC		1221	1790	2491	3339	4356
				32	PC		1433	1750	2094	2463	2856
				32	COP		0,85	1,02	1,19	1,36	1,52
				35	CC		1136	1678	2343	3147	4108
				35	PC		1415	1738	2091	2474	2885
				35	COP		0,80	0,97	1,12	1,27	1,42
				38	CC		1038	1551	2179	2937	3842
				38	PC		120	1721	2084	2481	2910
				38	COP		8,65	0,90	1,05	1,18	1,32
				43	CC			1431	2007	2695	3511
				43	PC			1701	2072	2482	2933
				43	COP			0,84	0,97	1,09	1,20

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R448A Low Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	2,1	JEHCCU0210CL3	FH2511Z-XG1A	27	CC		1271	1840	2543	3400	4430
				27	PC		1377	1661	1963	2282	2616
				27	COP		0,92	1,11	1,30	1,49	1,69
				32	CC		1170	1701	2354	3145	4092
				32	PC		1361	1653	1968	2307	2667
				32	COP		0,86	1,03	1,20	1,36	1,53
				35	CC		1092	1598	2219	2970	3866
				35	PC		1345	1643	1968	2319	2696
				35	COP		0,81	0,97	1,13	1,28	1,43
				38	CC			1482	2069	2778	3623
				38	PC			1629	1964	2328	2722
				38	COP			0,91	1,05	1,19	1,33
				43	CC				1912	2557	3321
				43	PC				1955	2333	2747
				43	COP				0,98	1,10	1,21

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R449A Low Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	1,8	JEHCCU0180CL1	FH2480Z-XC3A	27	CC		1080	1538	2105	2794	3620
				27	PC		1148	1366	1597	1839	2091
				27	COP		0,94	1,13	1,32	1,52	1,73
				32	CC		937	1372	1911	2569	3360
				32	PC		1128	1361	1609	1869	2139
				32	COP		0,83	1,01	1,19	1,37	1,57
				35	CC		852	1272	1794	2433	3204
				35	PC		1112	1354	1611	1882	2165
				35	COP		0,77	0,94	1,11	1,29	1,48
				38	CC			1173	1678	2297	3048
				38	PC			1343	1611	1893	2187
				38	COP			0,87	1,04	1,21	1,39
				43	CC			1009	1485	2072	2787
				43	PC			1316	1602	1903	2218
				43	COP			0,77	0,93	1,09	1,26
	1,8	JEHCCU0180CL3	FH2480Z-XG1A	27	CC		964	1398	1937	2596	3392
				27	PC		997	1188	1388	1594	1804
				27	COP		0,97	1,18	1,40	1,63	1,88
				32	CC		846	1247	1743	2351	3083
				32	PC		980	1182	1397	1622	1857
				32	COP		0,86	1,05	1,25	1,45	1,66
				35	CC		775	1156	1628	2203	2897
				35	PC		967	1175	1398	1635	1884
				35	COP		0,80	0,98	1,16	1,35	1,54
				38	CC		704	1066	1511	2055	2710
				38	PC		950	1165	1396	1644	1906
				38	COP		0,74	0,92	1,08	1,25	1,42
				43	CC			917	1320	1810	2400
				43	PC			1141	1386	1650	1934
				43	COP			0,80	0,95	1,10	1,24
	2,1	JEHCCU0210CL1	FH2511Z-XC3A	27	CC		1331	1942	2699	3619	4727
				27	PC		1453	1762	2091	2440	2805
				27	COP		0,92	1,10	1,29	1,48	1,69
				32	CC		1221	1790	2491	3339	4356
				32	PC		1433	1750	2094	2463	2856
				32	COP		0,85	1,02	1,19	1,36	1,52
				35	CC		1136	1678	2343	3147	4108
				35	PC		1415	1738	2091	2474	2885
				35	COP		0,80	0,97	1,12	1,27	1,42
				38	CC		1038	1551	2179	2937	3842
				38	PC		120	1721	2084	2481	2910
				38	COP		8,65	0,90	1,05	1,18	1,32
				43	CC			1431	2007	2695	3511
				43	PC			1701	2072	2482	2933
				43	COP			0,84	0,97	1,09	1,20

TE: Evaporating Temperature (°C)
TA: Ambient Temperature (°C)
CC: Cooling Capacity (W), ± 10%
PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R449A Low Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta / Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	2,1	JEHCCU0210CL3	FH2511Z-XG1A	27	CC		1271	1840	2543	3400	4430
				27	PC		1377	1661	1963	2282	2616
				27	COP		0,92	1,11	1,30	1,49	1,69
				32	CC		1170	1701	2354	3145	4092
				32	PC		1361	1653	1968	2307	2667
				32	COP		0,86	1,03	1,20	1,36	1,53
				35	CC		1092	1598	2219	2970	3866
				35	PC		1345	1643	1968	2319	2696
				35	COP		0,81	0,97	1,13	1,28	1,43
				38	CC			1482	2069	2778	3623
				38	PC			1629	1964	2328	2722
				38	COP			0,91	1,05	1,19	1,33
				43	CC				1912	2557	3321
				43	PC				1955	2333	2747
				43	COP				0,98	1,10	1,21

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R452A Low Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Low Back Pressure													
	HP	MODEL	COMPRESSOR	Ta	Te	(Watts)	-40	-35	-30	-25	-20	-15	
Series 2	1,8	JEHCCU0180CL1	FH2480Z-XC3A	27		CC	670	1015	1391	1831	2374	3060	
				27		PC	859	1021	1171	1322	1485	1672	
				27		COP	0,78	0,99	1,19	1,39	1,60	1,83	
				32		CC	535	888	1257	1676	2183	2817	
				32		PC	884	1074	1250	1425	1611	1822	
				32		COP	0,60	0,83	1,01	1,18	1,35	1,55	
				35		CC	450	810	1176	1584	2069	2675	
				35		PC	865	1065	1251	1434	1628	1845	
				35		COP	0,52	0,76	0,94	1,10	1,27	1,45	
				38		CC	362	729	1094	1490	1957	2534	
				38		PC	842	1053	1249	1441	1642	1866	
				38		COP	0,43	0,69	0,88	1,03	1,19	1,36	
				43		CC			589	952	1334	1769	2302
				43		PC			1027	1239	1447	1662	1898
				43		COP				0,57	0,77	0,92	1,06
	1,8	JEHCCU0180CL3	FH2480Z-XG1A	27		CC	712	1055	1484	2012	2649	3409	
				27		PC	886	1072	1269	1475	1690	1913	
				27		COP	0,80	0,98	1,17	1,36	1,57	1,78	
				32		CC	590	912	1315	1813	2415	3137	
				32		PC	859	1056	1265	1486	1716	1955	
				32		COP	0,69	0,86	1,04	1,22	1,41	1,60	
				35		CC	518	827	1215	1693	2274	2974	
				35		PC	838	1042	1259	1489	1728	1977	
				35		COP	0,62	0,79	0,96	1,14	1,32	1,50	
				38		CC	448	774	1115	1574	2134	2809	
				38		PC	813	1025	1250	1489	1738	1996	
				38		COP	0,55	0,76	0,89	1,06	1,23	1,41	
				43		CC			608	951	1377	1899	2534
				43		PC			989	1228	1482	1748	2023
				43		COP				0,61	0,77	0,93	1,09
	2,1	JEHCCU0210CL1	FH2511Z-XC3A	27		CC	1045	1527	2126	2853	3720	4741	
				27		PC	1352	1654	1981	2332	2708	3108	
				27		COP	0,77	0,92	1,07	1,22	1,37	1,53	
				32		CC	827	1279	1839	2523	3342	4316	
				32		PC	1293	1616	1965	2340	2739	3163	
				32		COP	0,64	0,79	0,94	1,08	1,22	1,36	
				35		CC	700	1132	1669	2325	3116	4061	
				35		PC	120	1584	1947	2337	2752	3191	
				35		COP	5,83	0,71	0,86	0,99	1,13	1,27	
				38		CC	577	989	1501	2129	2890	3805	
				38		PC	120	1545	1923	2329	2760	3214	
				38		COP	4,81	0,64	0,78	0,91	1,05	1,18	
				43		CC			757	1226	1806	2516	3378
				43		PC			1464	1869	2302	2761	3244
				43		COP				0,52	0,66	0,78	0,91

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

R452A Low Temperature (Rating Condition: Superheat 10K, Subcooling 0K)

Low Back Pressure											
	HP	MODEL	COMPRESSOR	Ta \ Te	(Watts)	-40	-35	-30	-25	-20	-15
Series 2	2,1	JEHCCU0210CL3	FH2511Z-XG1A	27	CC	1005	1456	2016	2695	3506	4462
				27	PC	1229	1495	1781	2088	2416	2765
				27	COP	0,82	0,97	1,13	1,29	1,45	1,61
				32	CC	805	1228	1753	2394	3162	4075
				32	PC	1182	1465	1771	2099	2448	2818
				32	COP	0,68	0,84	0,99	1,14	1,29	1,45
				35	CC	688	1093	1597	2213	2956	3842
				35	PC	1145	1440	1758	2099	2462	2845
				35	COP	0,60	0,76	0,91	1,05	1,20	1,35
				38	CC	574	961	1443	2034	2750	3609
				38	PC	1100	1408	1740	2095	2471	2868
				38	COP	0,52	0,68	0,83	0,97	1,11	1,26
				43	CC		747	1190	1738	2408	3220
				43	PC		1340	1696	2075	2477	2898
				43	COP		0,56	0,70	0,84	0,97	1,11

TE: Evaporating Temperature (°C)
 TA: Ambient Temperature (°C)
 CC: Cooling Capacity (W), ± 10%
 PC: Power consumption (W), ± 10%

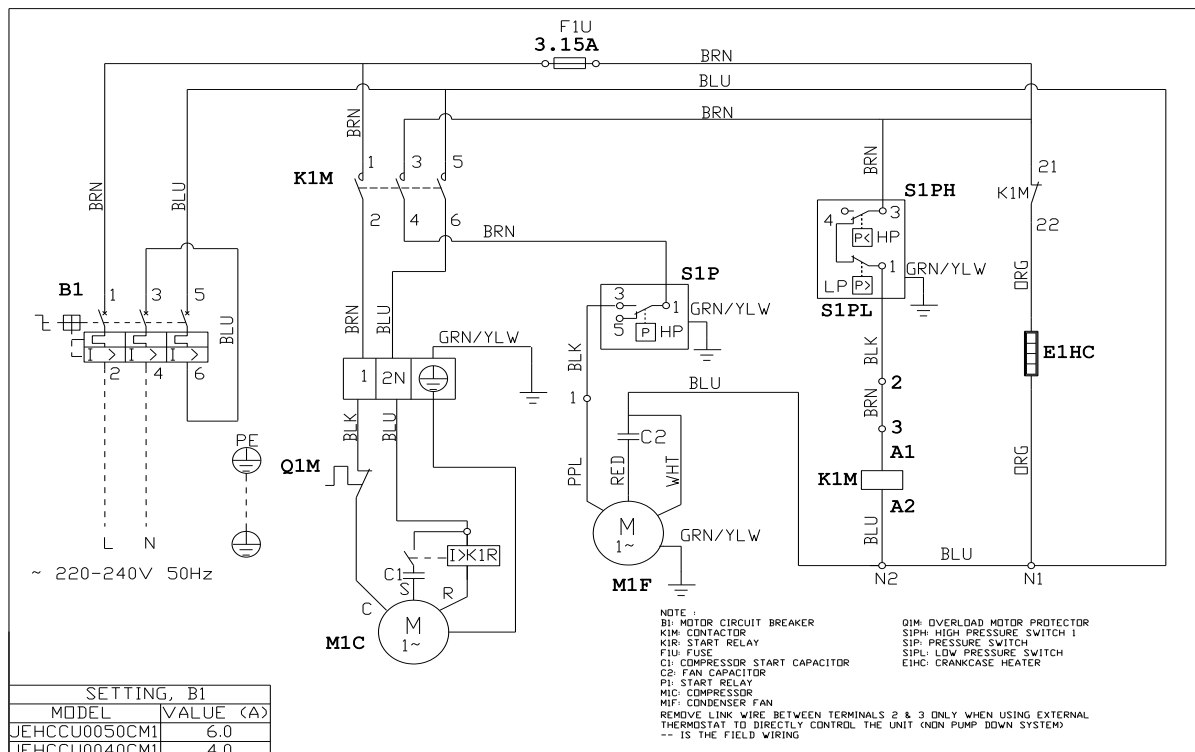
**If capacity data are required at other ambient conditions, please refer to your DENV affiliate or our selection software RefrigXpress.

8. Electrical Data

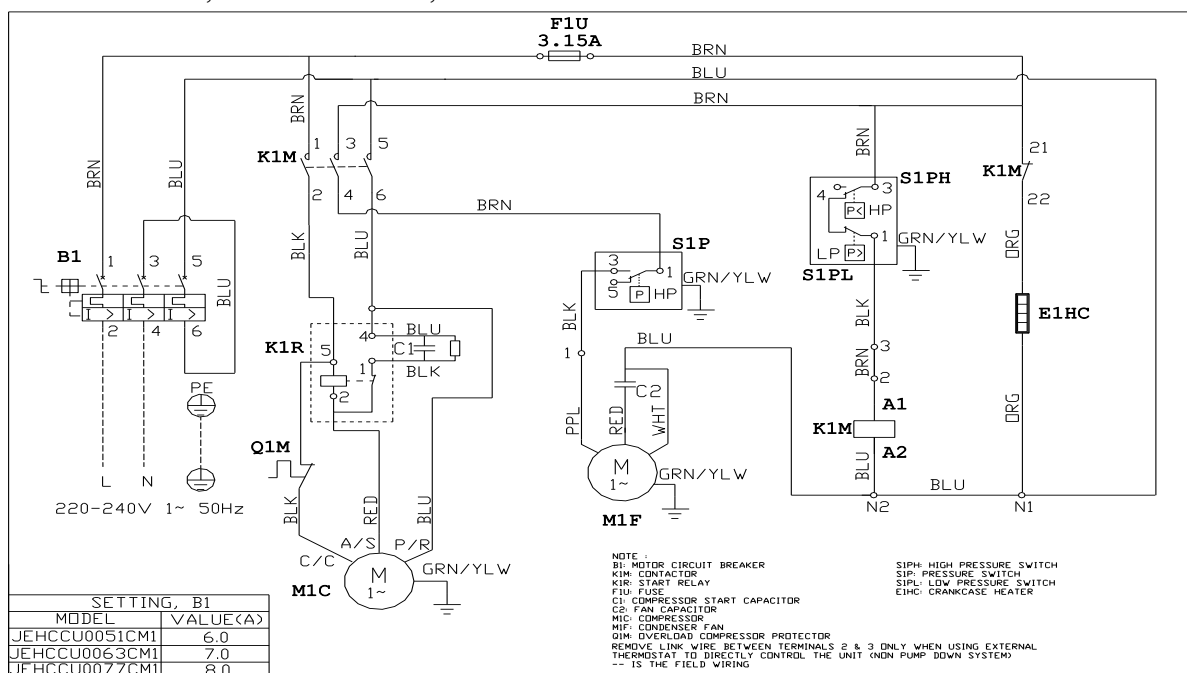
Important Note: A main switch or other means for disconnection, having a contact separation in all poles, must be incorporated in fixed wiring in accordance with local and national legislation.

Single Phase

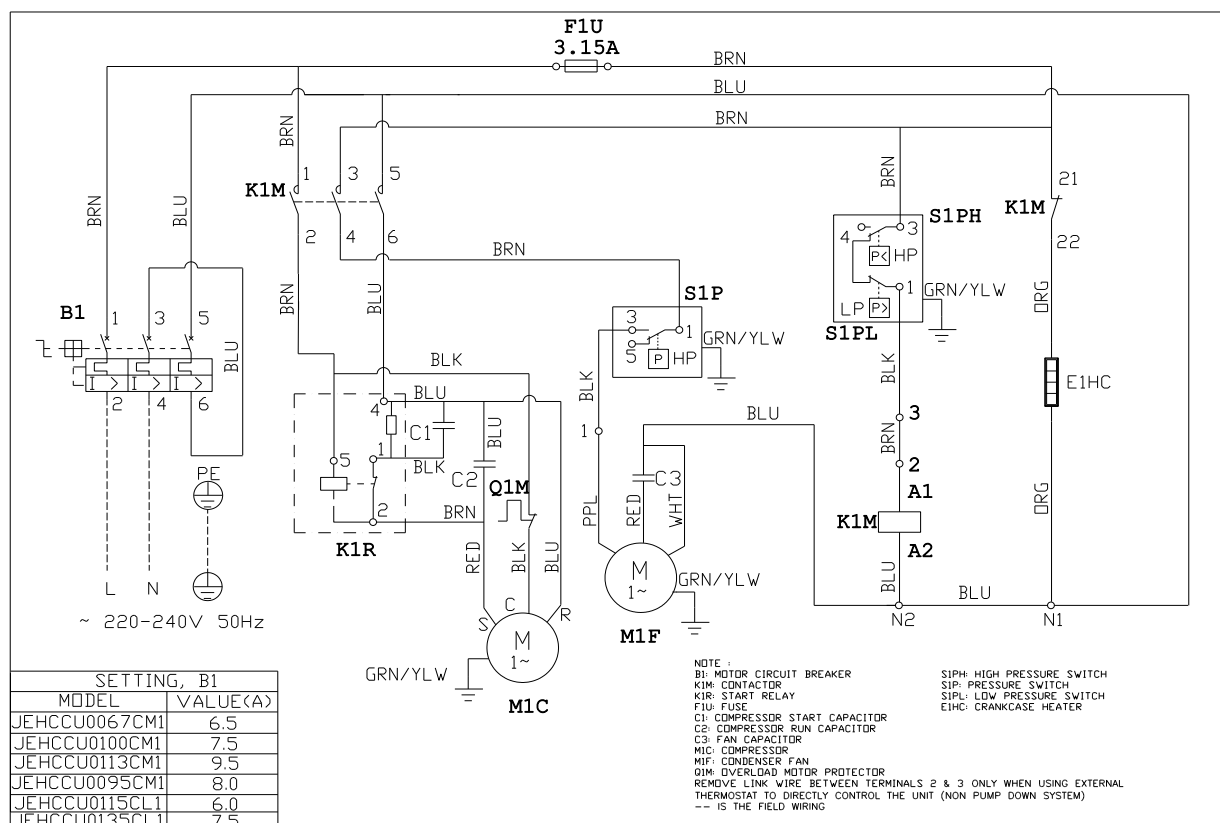
JEHCCU0040CM1; JEHCCU0050CM1



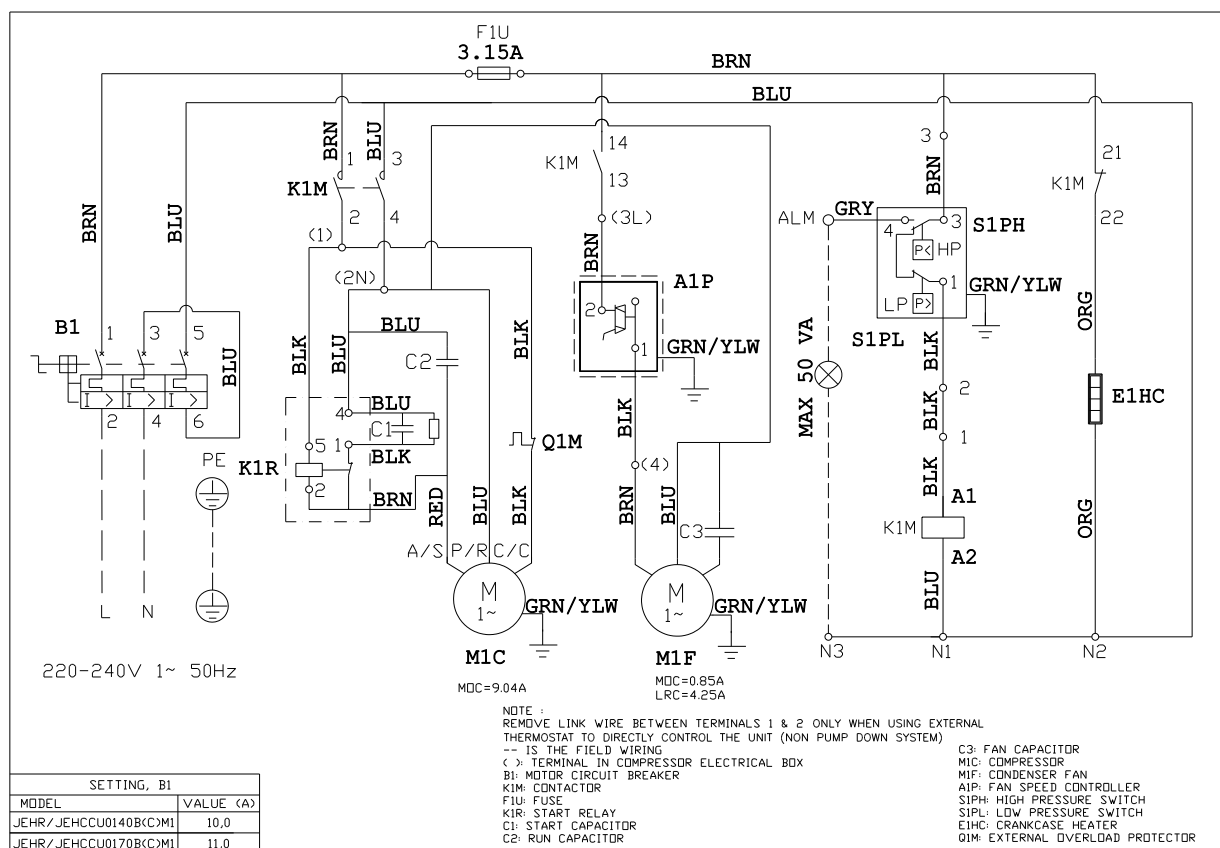
JEHCCU0051CM1; JEHCCU0063CM1; JEHCCU0077CM1



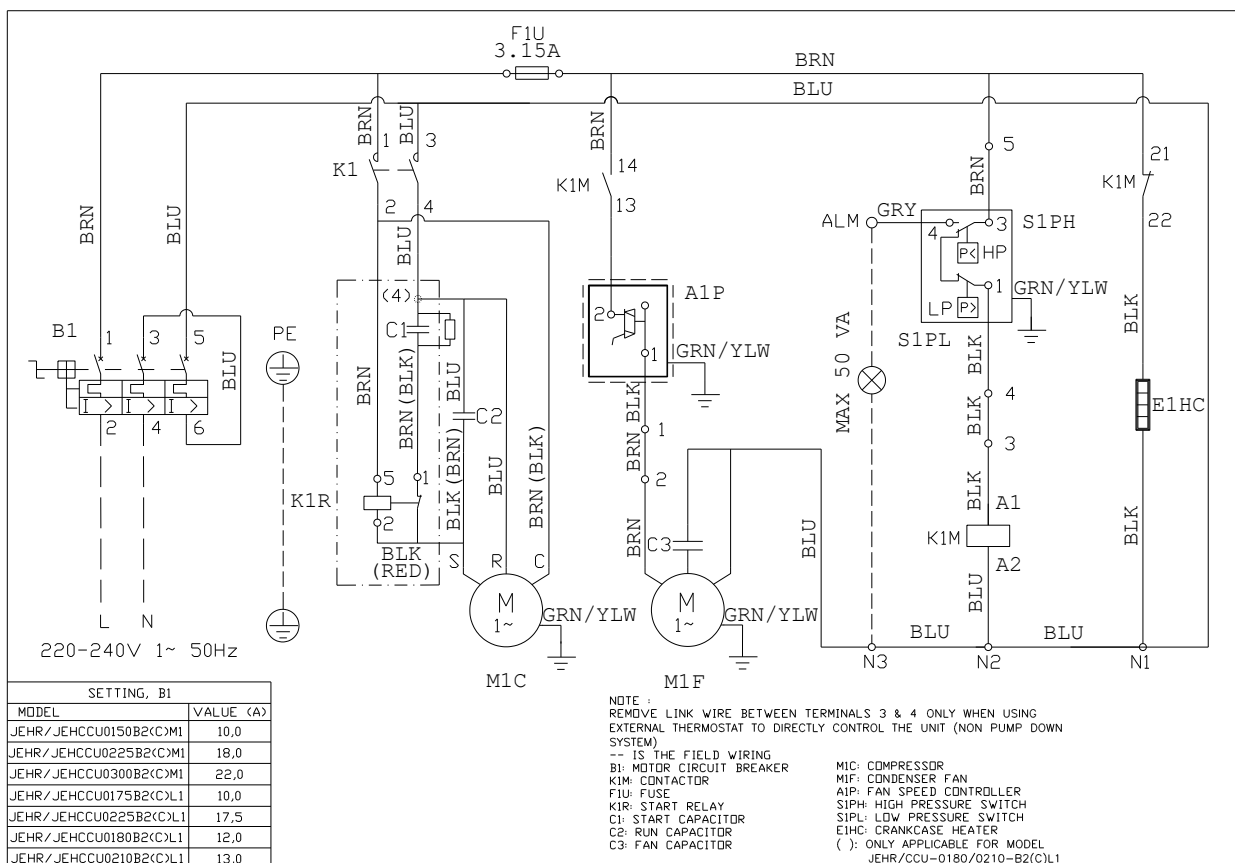
JEHCCU0067CM1; JEHCCU0095CM1; JEHCCU0100CM1; JEHCCU0113CM1; JEHCCU0115CL1,
JEHCCU0135CL1



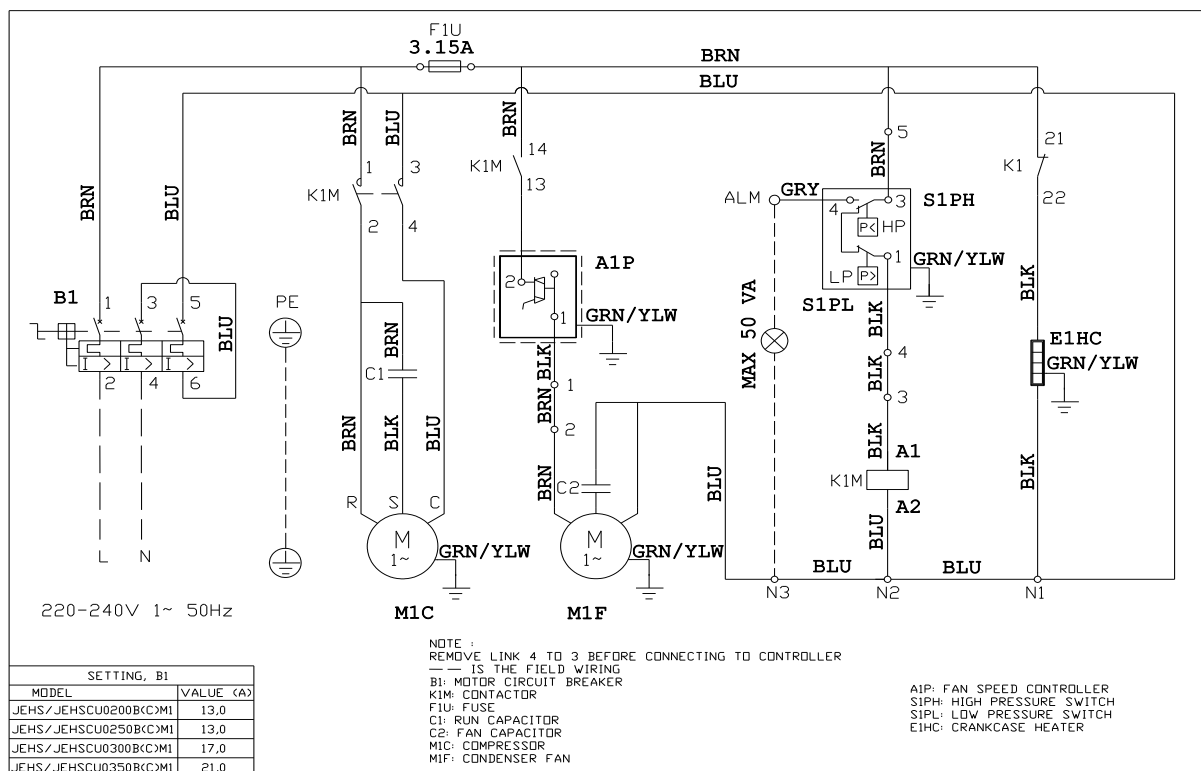
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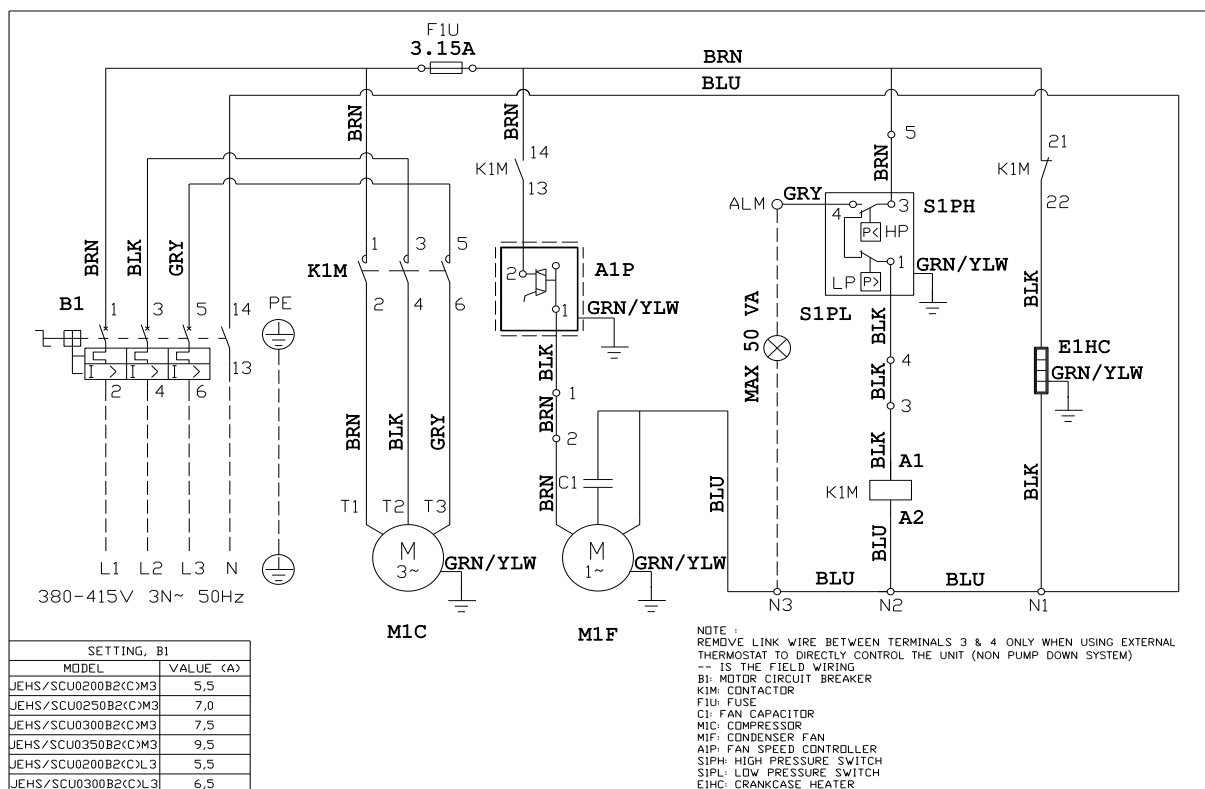
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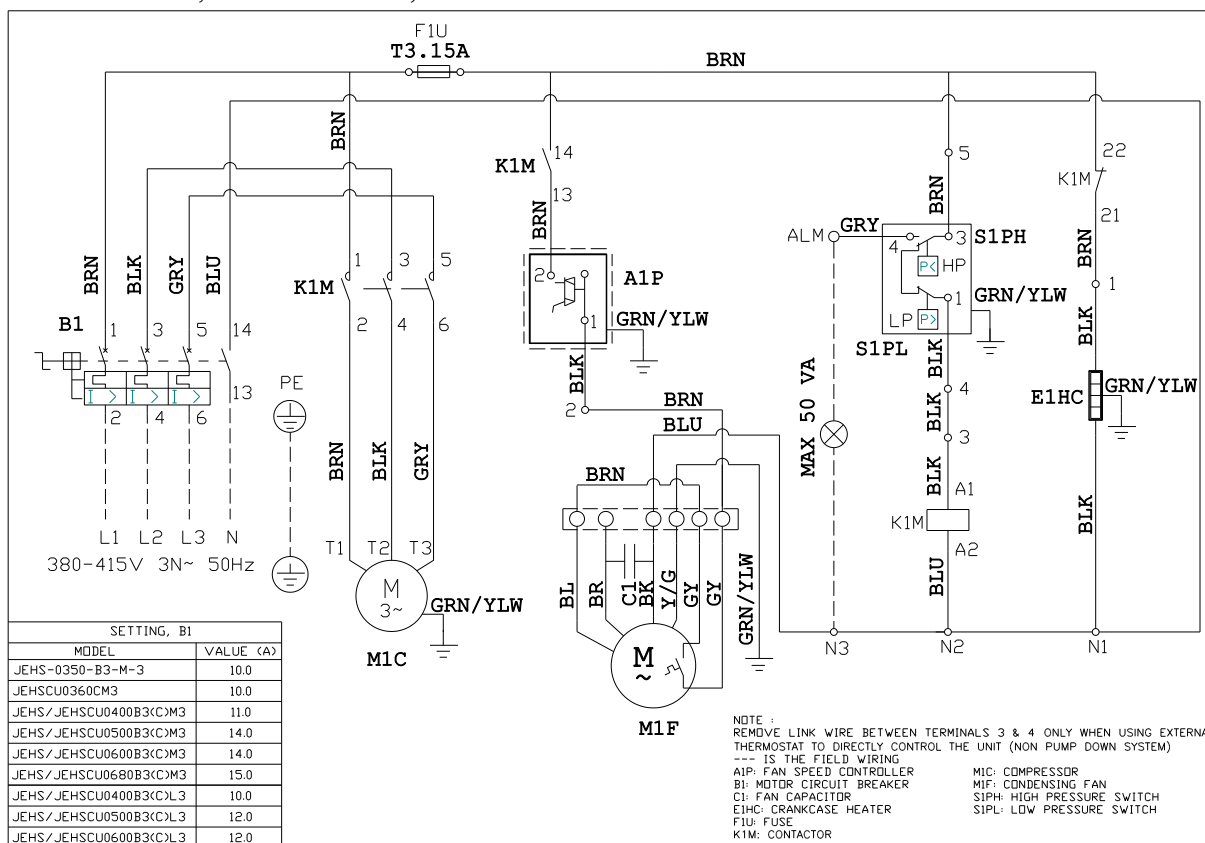
JEHSCU0200CM1, JEHSCU0250CM1, JEHSCU0300CM1



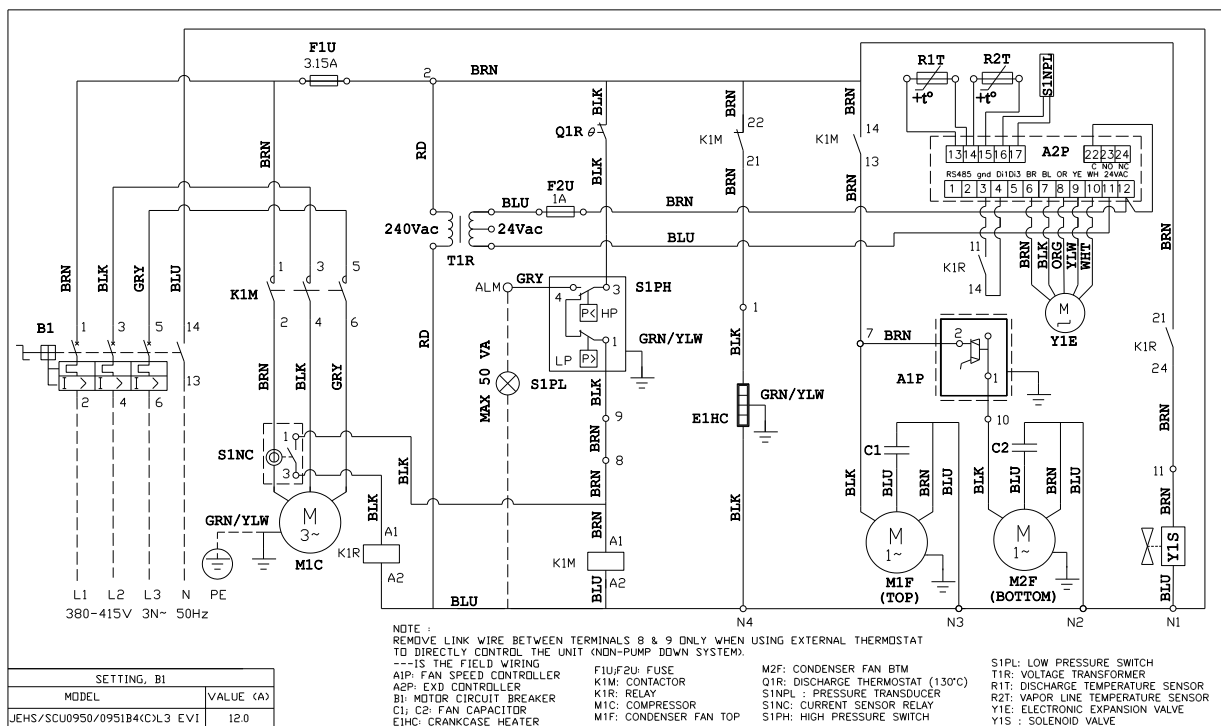
JEHSCU0200CM3, JEHSCU0250CM3, JEHSCU0300CM3,
JEHSCU0300CL3



JEHSCU0360CM3, JEHSCU0400CM3, JEHSCU0500CM3, JEHSCU0600CM3, JEHSCU0680CM3,
JEHSCU0400CL3, JEHSCU0500CL3, JEHSCU0600CL3



JEHSCU0950/0951CL3 EVI



9. Safety and Health

General Information

Important Note

Only a qualified refrigeration engineer who is familiar with refrigeration systems and components, including all controls should perform the installation and start-up of the system. To avoid potential injury, use care when working around coil surfaces or sharp edges of metal cabinets. All piping and electrical wiring should be installed in accordance with all applicable codes, ordinances and local by-laws.

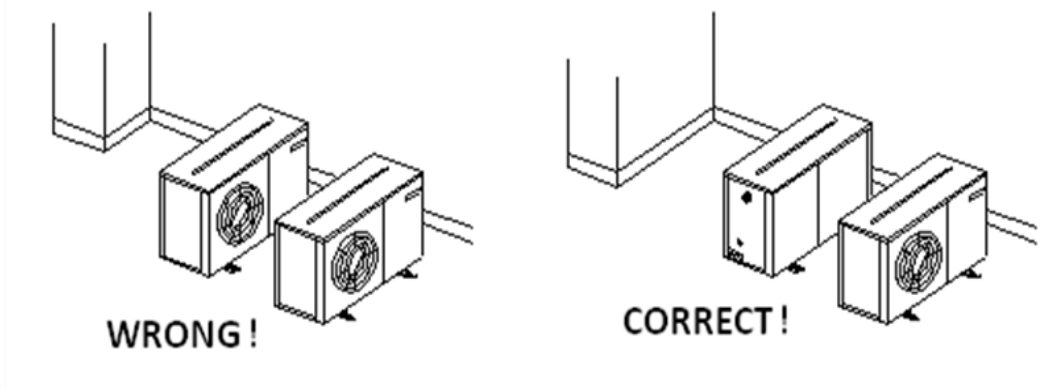
This appliances is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- Ensure the unit received is the correct model for the intended application.
- Ensure refrigerant, voltage, are suitable for the proposed application and environment.
- Installation and maintenance are to be performed only by qualified personnel who are familiar with local codes and regulations, and experienced with this type of equipment.
- The condensing unit is delivered with a nitrogen holding charge.
- The condensing unit contains moving machinery and electrical power hazards. May cause severe injury or death. Disconnect and shut off power before installation or service of the equipment.
- Refrigerant release into the atmosphere is illegal. Proper evacuation, handling and leak testing procedures must be observed at all times.
- Units must be earthed and no maintenance work should be attempted prior to disconnecting the electrical supply.
- The electrical covers and condenser fan guard must remain fitted at all times.
- Use of the condensing unit outside of design conditions and application for which units were intended may be unsafe and be detrimental to the unit, regardless short or long term operation.
- The condensing units are not designed to withstand loads or stresses from other equipment or personnel. Such extraneous loads or stress may cause failure/leak/injury.
- Wherever possible the system should be installed to utilize a pump down configuration. For unit Series 1 JEHCCU040CM1 and JEHCCU0050CM1, it is recommended to connect thermostat cut off configuration using the reserved terminal in control box.
- After installation, the system should be allowed to run for 3 ~ 4 hours. The oil level should be checked after 3 ~ 4 hours run time and topped up as necessary. The oil level should not be lower than quarter of the compressor oil sight glass.
- It was the responsibility of the installer to secure the unit firmly with the uses of the 4 pieces of M8 bolt holes available on the feet of the base panel.
- It was the responsibility of the installer to ensure no huge accumulation of snow on top of unit, which may impair the functionality of the condensing unit.

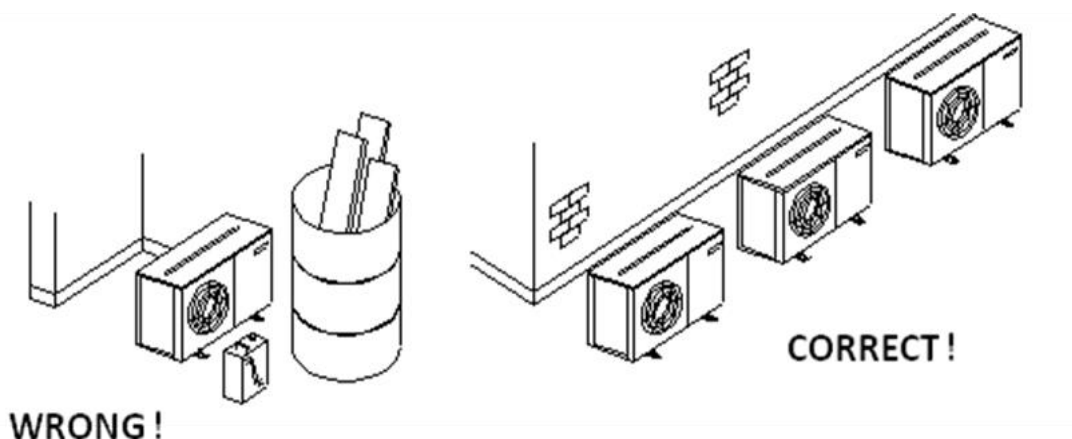
10. Installation & Commissioning

Unit site location

- In order to achieve maximum cooling capacity, the installation location for condensing unit should be carefully selected.
- Install the condensing unit in such a way so that hot air distributed by the condensing unit cannot be drawn in again (as in the case of short circuit of hot discharge air). Allow sufficient space for maintenance around the unit.



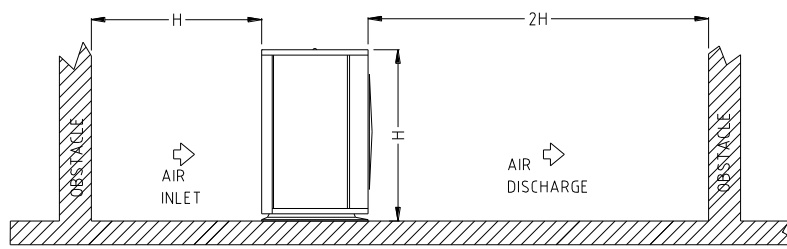
- Ensure that there is no obstruction of air flow into or out of the unit. Remove obstacles which block air intake or discharge.



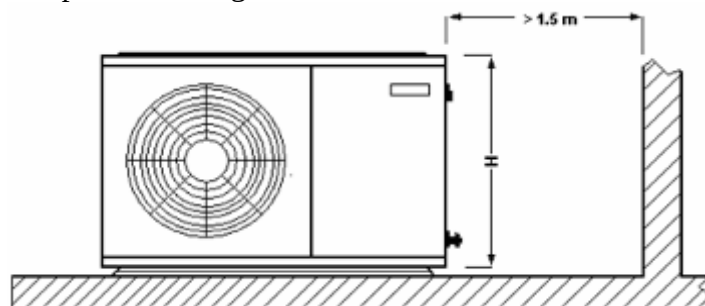
- The location must be well ventilated, so the unit can draw in and distribute plenty of air thus lowering the condensing temperature.
- To optimize the unit running conditions, the condenser coil must be cleaned at regular intervals.

Installation Clearance

- The installation location should allow sufficient space for air flow and maintenance around the unit.



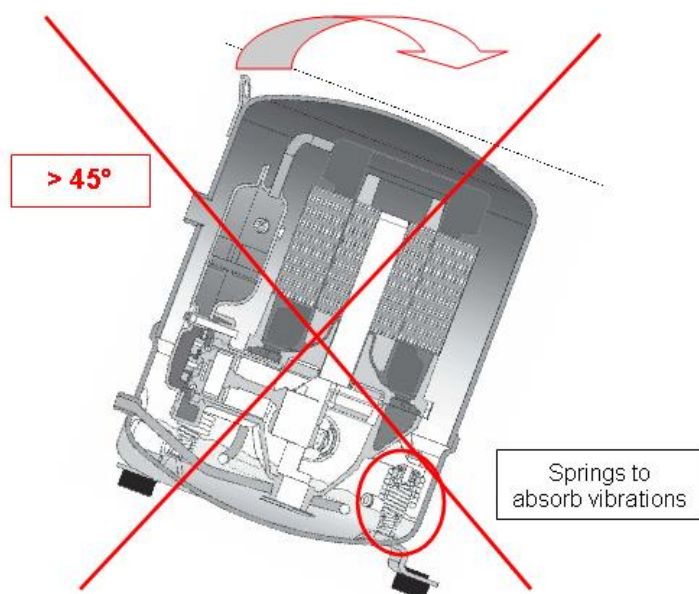
- To allow sufficient space for doing service or installation.



Compressor handling

To ensure compressor reliability, the condensing unit and the compressor must not be tilt greater than an angle of 45°.

Otherwise, the component can fall from its 3 compressor housing springs, which results in noisy vibrations during operation and possible to breakdown.



Field Piping

Important Note

Line sizing should only be determined by qualified personnel. All local codes of practice must be observed in the installation of refrigerant piping

To ensure satisfactory operation and performance, the following points should be noted for field piping arrangements,

- Couples one indoor unit with one outdoor condensing unit only.
- Release all the pre-charged nitrogen before pipework connection.
- Connecting pipe size for suction and liquid line must same as attaches to the condensing unit. Correct line sizing will minimize the pressure drop and maintain sufficient gas velocity for proper oil return.
- Pipework routes must be as simple and as short as possible. Avoid low points on pipework where oil can accumulate.
- Use only clean, dehydrated refrigeration grade copper tube with large radius elbows. The piping shall be kept with enough bending radius.
- Braze without over filling to ensure there is no excess solder into the tube.
- To prevent oxidation, blow nitrogen through pipework when brazing.
- Install insulation on all suction lines after pressure test.
- Adequately support all pipe work at a maximum of 2 meter intervals.
- For the condition where the outdoor condensing unit is above the indoor unit, the height difference between units shall be less than 25 m and install oil trap on suction pipe every 4 m height. The suction pipe must always be fitted with U-trap at the bottom.
- For the condition where the outdoor condensing unit is below the indoor unit, the height difference between units shall be less than 4 m. Pipe trap shall be installed upward on outlet of indoor unit (suction pipe).
- The recommended piping length is 25 m or less.
- Additional oil might be required in case field piping is long or with many oil traps. Check the oil level of the compressor to decide to add the oil after minimum 2 hours operation.
- It is recommended as well to install the MOP (Maximum Operation Pressure), expansion valve for medium evaporating temperature units, if the working suction pressure during start procedure especially after defrost cycle, is out of the limit, as refer to the table provided.

Pipe size selection (For EVI unit only)

Sizing of liquid and suction lines for EVI model will be different from standard scroll models. Piping sizes of this model need to follow the recommended correction coefficient of cooling capacity. This is vital as if the pipework selected is oversized, especially for the suction pipe, the gas velocity will be decreased at low mass flow rate / low evaporating temperature, causing oil return problems. Undersized suction lines will also cause decreased capacity due to increased pressure drop.

The correction factor of refrigerant R407A is shown as below table:

Ta \ Te	(Watts)	-40	-35	-30	-25	-20
27	CF	0.73	0.73	0.73	0.73	0.73
32	CF	0.68	0.69	0.69	0.70	0.70
35	CF	0.65	0.66	0.67	0.67	0.68
38	CF	0.62	0.63	0.64	0.65	0.66
43	CF	0.57	0.58	0.60	0.61	0.63

For instance,

At condition of Te -35°C, Ta +32°C

Refrigerant R407A

Published cooling capacity = 4.88kW.

Cooling capacity = Correction factor x Published cooling capacity
= 0.69 x 4.88 kW
= **3.367kW**

Therefore, the pipe sizes should be selected against the **corrected** capacity of 3.367kW.

The correction factor of refrigerant R407F is shown as below table:

Ta \ Te	(Watts)	-40	-35	-30	-25	-20
27	CF	0.72	0.73	0.73	0.73	0.72
32	CF	0.68	0.68	0.69	0.69	0.69
35	CF	0.65	0.66	0.66	0.67	0.67
38	CF	0.62	0.63	0.64	0.65	0.65
43	CF	0.57	0.58	0.60	0.61	0.62

The correction factor of refrigerant R448A/R449A is shown as below table:

Ta \ Te	(Watts)	-40	-35	-30	-25	-20
27	CF	0.71	0.72	0.71	0.72	0.72
32	CF	0.67	0.68	0.68	0.68	0.69
35	CF	0.65	0.65	0.65	0.66	0.67
38	CF	0.62	0.63	0.63	0.64	0.65
43	CF	0.58	0.59	0.59	0.60	0.61

Insulation selection (For EVI unit only)

The liquid pipe connecting CDU service valve to the evaporator must be well insulated with recommended wall thickness of minimum $\frac{3}{4}$ ".

Expansion valve selection (For EVI unit only)

The lower liquid temperature of the EVI unit can increase evaporator expansion valve capacities. Selection of the expansion valve needs to be done based on the expected amount of sub-cooling shown in below tables:

Sub-cooling table

(A.) R407A

Amount of Sub-cooling (K)					
Ta\Te	-40	-35	-30	-25	-20
27	33.1	32.8	32.4	32.1	31.8
32	38.0	37.0	35.9	34.9	33.8
35	41.0	39.5	38.0	36.5	35.0
38	43.9	42.0	40.1	38.1	36.2
43	48.9	46.2	43.5	40.9	38.2

(B.) R407F

Amount of Sub-cooling (K)					
Ta\Te	-40	-35	-30	-25	-20
27	33.8	33.5	33.1	32.8	32.5
32	38.8	37.8	36.7	35.7	34.6
35	41.9	40.4	38.8	37.3	35.8
38	44.9	42.9	41.0	38.9	37.0
43	50.0	47.2	44.5	41.8	39.0

(C.) R448A/R449A

Amount of Sub-cooling (K)					
Ta\Te	-40	-35	-30	-25	-20
27	33.1	32.8	32.4	32.1	31.8
32	38.0	37.0	35.9	34.9	33.8
35	41.0	39.5	38.0	36.5	35.0
38	43.9	42.0	40.1	38.1	36.2
43	48.9	46.2	43.5	40.9	38.2

Recommend compressor working pressure range

Medium Temperature

Compressor Model	AE/AJ			ZB		
Refrigerant	R407A R407F	R448A R449A R452A	R134a	R407A R407F	R448A R449A R407H	R134a
Working Pressure Range High Side, (barg)	13.2-27.7		6.7-15.8	7.14-27.6		6.6-15.8
Working Pressure Range Low Side, (barg)	1.5-8.3		0.1-3.9	1.98-7.14		0.6-3.8

Low Temperature

Compressor Model	AJ/FH	ZF/ZFI
Refrigerant	R448A R449A R452A	R407A R407F R448A R449A
Working Pressure Range High Side, (barg)	13.2-27.7	13.2-27.7
Working Pressure Range Low Side, (barg)	0.1-3.3	0.1-3.3

Pressure testing (field piping)

- Make sure that both service valves are closed
- When running a pressure test on field piping, always use an inert, dry gas such as Nitrogen
- The pressure differential between the high and low side shall not higher than below.

Compressor	Pressure differential
AE/AJ/FH	19 barG (275 psig)
ZB/ZF/ZFI	30 barG (435 psig)

- Test pressures shall be as shown follows.

Test pressure	
High side	Low side
28 barG (405 psig)	19 barG (275 psig)

- If there is pressure drop, check the leakage portion.

Vacuum - moisture removal

Important Note

Moisture prevents proper functioning of the compressor and the refrigeration system

Air and moisture reduce service life and increase condensing pressure causing abnormally high discharge temperatures likely to destroy the oil's lubricating properties. The risk of acid formation is also increased by air and moisture and copper plating can be generated in this way. All these phenomena can be cause mechanical and electrical failure.

Important Note

Ensure that a good quality vacuum pump is used to pull a vacuum of -1.0 barg (250 microns) or less. Ensure that no pressure increase during 1 hour or more after stop vacuuming. If pressure increase, there is moisture or leakage along the pipeline.

Safety pressure switch settings

The pressure switch fitted to condensing units with auto reset for low pressure and manual reset for high pressure are **NOT** factory preset.



High pressure safety (Manual reset)

The high pressure safety switch is required to protect the compressor from working out of its envelope. The high pressure switch shall set **equal or lower** than below values depending on the type of refrigerant, application and the ambient condition.

Model	AE/CAJ/TAJ/FH		ZB/ZF/ZFI	
Refrigerant	R407A/R407F/ R448A/R449A/R452A	R134a	R407A/R407F/ R407H/R448A/R449A/ R452A	R134a
Cut Out (barG)	27.7	18	27.7	18
Cut Out (psig)	402	261	402	261

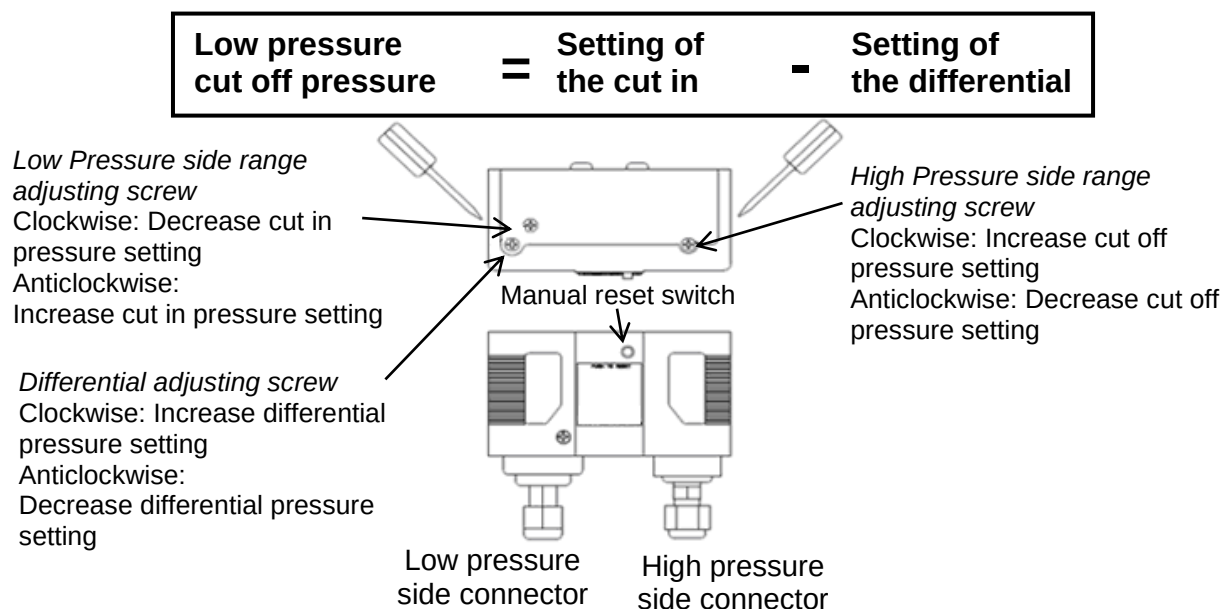
Low pressure safety (Auto reset)

The low pressure safety switch is used to avoid compressor operate at too low suction pressure or a vacuum condition. The low pressure safety cut out should never be set lower than value shown in following table.

If pump down is used, the electrical circuitry should be arranged so that compressor restart is triggered by demand from thermostat rather than a reset low pressure switch.

* M: Medium temperature; L: Low temperature

Model	AE/CAJ/TAJ/FH			ZB/ZF/ZFI		
Refrigerant	R407A R407F	R448A R449A R452A	R134a	R407A R407F	R407H R448A R449A	R134a
Application	M*	L*	M*	M*	L*	M*
Cut Out (barg)	1.5	0.1	0.5	2	0.1	0.6
Cut Out (psig)	21.8	1.5	7.3	29	1.5	8.7



Important Note

There must be no more than 10 compressor starts per hour. A higher number reduces the service life of the compressor. If necessary, use an anti-short-cycle timer in the control circuit. Minimum a 2 minute runtime after each start of compressor and a 3 minute idle time after each stop are recommended. Only during the pump down cycle may the compressor run for much shorter intervals.

Fan speed controller setting

The fan speed controller control the condensing head pressure via speed regulating according to the ambient temperature. The setting for fan cut off should be set higher than the recommended value in table below, to maintain enough liquid sub cooling ahead of TXV for low ambient application.

The fan speed controller is factory set to 19bar for operation with R4*** series refrigerant to ensure compressor always operates within envelope at all declared working condition. If operate with R134a, the fan speed controller need to be set to 13bar.

Higher energy efficiency as shown in eco design sheet can be obtained with the setting shown in below table:

For model in Series 1:

Refrigerant	R407A/R407F/R448A/ R449A/R452A	R134a
Setting (bar) Cut in	16*	10
Setting (bar) Differential	7*	7

*Factory default setting

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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

For model in Series 2, 3 and 4:

Application	Medium Temp		Low Temp
Refrigerant	R407F R407A R407H	R448A R449A R452A	R134a
Setting (barg)	19* (Series 2 except JEHSCU0350CM3)	13 (Series 2 & 3)	10 (JEHCCU0180/0210CL1/3) 13 (JEHSCU except EVI) 17 (JEHSCU0950/0951CL3 EVI) 19 (JEHCCU0175CL1)
	10 (JEHSCU0350CM3) (Series 3 & 4)	10 (Series 4)	

*Factory default setting

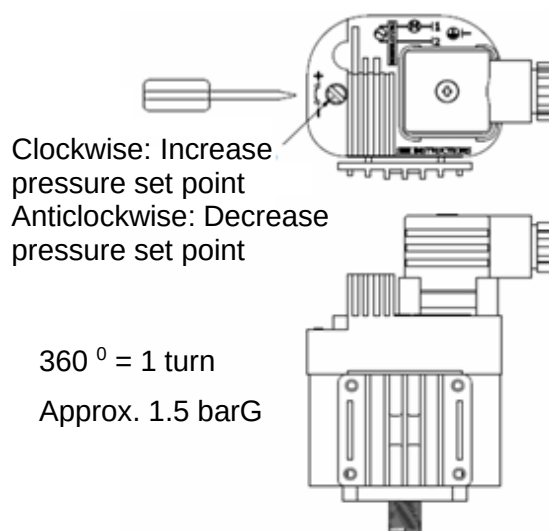
Cut off: Fan motor stops when the pressure decreases below the value P_{min} .

Note:

F.V.S. = Full Voltage Set Point (pressure setting for maximum speed)

E.P.B. = Effective Proportional Band (6 bar)

$P_{min} = (F.V.S. - 6)$



Controller EXD-HP1 (EVI Unit)

The controller EXD-HP1 used in the Series 4 EVI unit operates as an economizer control. The setting of controller is preset by the factory and is password protected. Users are not allowed to change any settings in the controller.



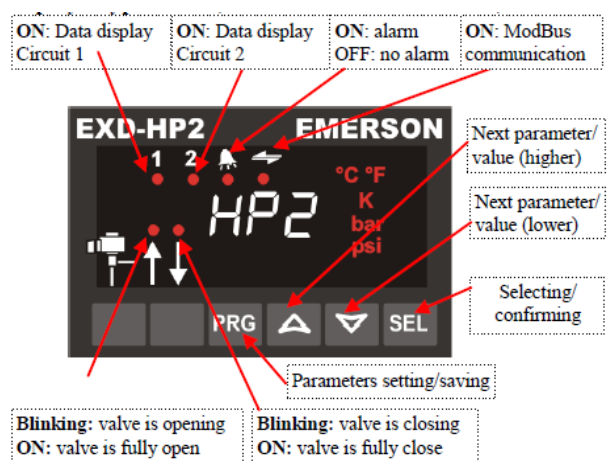
Safety Instructions:

1. Read installation instruction carefully. Failure to comply can result in device failure, system damage or personal injury.
2. Only person having appropriate knowledge and skill are allowed to manipulate the controller.
3. Disconnect all voltages from system before installation.

Electrical Installation (EVI Unit)

- Do not operate system before all cable connections are completed.
- Refer to wiring diagram for electrical connections.
- Class II category transformer is required for 24VAC power supply
- Do not connect any EXD-HP1 input to main voltage as it will permanently damage the controller.
- When connecting wires of expansion valve and pressure sensor, consider color coding as follow:
 1. EXM : BR: BROWN; BL: BLUE, OR: ORANGE; YE: YELLOW; WH: WHITE
 2. PT5 : BN: BROWN; WH: WHITE

Display/ keypad unit (LEDs and button functions)



- In standard mode the superheat is shown at the display. In case of liquid injection and economizer function this changes to discharge temperature.
- To display other data of EXD-HP1 press “SEL” button for 1 second until index number according to below table appears. Release “SEL” button and the next variable data will appears. By repeating the procedure variable data can be displayed in sequence as measured superheat (K) → Measured suction pressure (bar) → valve position (%) → Measured suction gas temperature (°C) → Calculated saturated temperature (°C) → Measured discharge temperature (°C) (if economizer function is selected) → REPEATING

Variable data	Controller EXD-HP1
Default Superheat, K	1 1
Suction pressure, bar	1 1
Valve position, %	1 2
Suction gas temperature, °C	1 3
Saturation temperature, °C	1 4
Discharge temperature, °C	1 5

Digital input Di1/Di2

- The digital input Di1 is the interface between controller EXD-HP1 and system controller if Modbus communication has not been used.
- The digital status is dependent to operation of system’s compressor or demand.

Operating Condition	Digital input status
Compressor starts	Closed (Start)
Compressor stops	Open (Stop)

Manual mode operation

Warning: All alarms are disabled during manual control. We do not recommend unattended operation of system during manual control.

- Press **PRG** and  together for 5 seconds to access to manual mode operation.

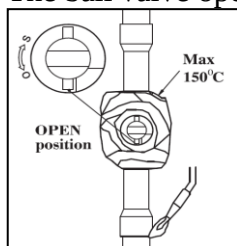
- List of parameters in scrolling sequence by pressing  button

Code	Parameter description and choices	Min	Max	Factory setting	Field setting
1Ho	Manual mode operation; circuit 1 0 = disabled; 1 = Enabled	0	1	0	
1HP	Valve opening (%)	0	100	0	
2Ho	Manual mode operation; circuit 2 0 = disabled; 1 = Enabled	0	1	0	
2HP	Valve opening (%)	0	100	0	

Commissioning of the Condensing Unit

Please make sure that all manual service valves are fully open when starting the system for the first time. This includes external and internal shut off valves as well as liquid receiver valve in the unit.

The ball valve open position is shown as below:



Compressor electrical wiring

Important Note

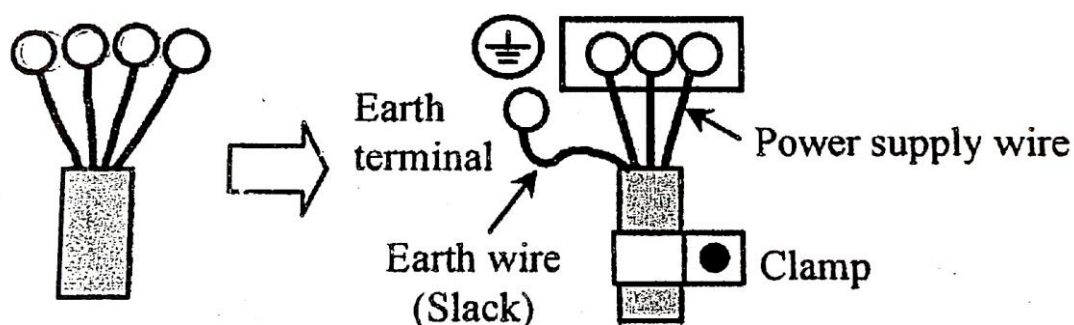
Compressor wiring for 3 phases models must be controlled. Supply phase sequence L1, L2 and L3 will affect the scroll compressor rotating direction and damage the compressor.

Service technician should be present at initial start-up to verify that the supply power is properly phased and connected where that compressor is rotating in the correct direction.

Verification of proper rotation direction is made by observing that suction pressure drops and discharge pressure rises when the compressor is energized. Reverse rotation of a scroll compressor also results in substantially reduced current draw. Suction temperature will be high, discharge temperature will be low and the compressor may be abnormal noisy.

Earthing of Condensing Unit

Installation of earth wire must be made to earthing screw labelled with  before connecting the live wires. The earth wire shall be slack as shown in below diagram.



Precautions for FH and AJ Compressor

Please make sure the following instructions be followed when operate Tecumseh FH/AJ low temperature condensing unit with R448A/R449A.



Safety Instructions:

1. Limit the suction superheat below 10K, to ensure discharge temperature is maintain below 120°C with evaporating temperature of -30°C and below.
2. Do not use capillary tubes as throttling devices to prevent plugging issues.

F-gas Regulation

From 1/1/2015, a new F-gas regulation (EU) NO 517/2014 comes into force repealing comes into force repealing Regulation (EC) No 842/2006. This will affect system labelling, information supplied within documentation and also the way in which thresholds for frequency of leak testing.

Please take note: From 1st January 2017, the new legislation applies to the systems which previously were exempt from leak testing under the 'below 3kg' charge limit.

Changes to leak testing requirements as follows:

OLD LEGISLATION	NEW LEGISLATION	LEAK CHECKING FREQUENCY
3-30 kgs	5-50 TCO ₂ Eq	Every 12 months but can be increased to 24 months if fitted with a fixed leak detection system.
30-300 kgs	50-500 TCO ₂ Eq	Every 6 months but can be increased to 12 months if fitted with a fixed leak detection system.
300+ kgs	500+ TCO ₂ Eq	Every 6 months - however automatic leak detection system is mandatory which requires servicing every 12 months.

Important information regarding the refrigerant used



Its functioning relies on fluorinated greenhouse gases

- This product is factory charged with N2.
- The refrigerant system will be charged with fluorinated greenhouse gases. Do not vent gases into the atmosphere.

The GWP (Global Warming Potential) values of refrigerants which are specified for use in this equipment along with the three new thresholds for leak testing requirements based on TCO₂Eq (Tonnes CO₂ Equivalent) are as follows:

Refrigerant	GWP	Refrigerant Charge - kg		
		5T	50T	500T
		CO ₂ Eq	CO ₂ Eq	CO ₂ Eq
R134a	1430	3,5	35,0	350
R407A	2107	2,4	23,7	237
R407F	1825	2,7	27,4	274
R407H	1495	3,3	33,4	334
R448A	1387	3,6	36,0	360
R449A	1397	3,6	35,8	358
R452A	2140	2,3	23,4	234

Please fill in with indelible ink, on the refrigerant charge label supplied with the product.

☐ The total refrigerant charge & the TCO₂ equivalent for charged refrigerant.

Tonnes CO₂ equivalent means the quantity of greenhouse gases, expressed as the product of the weight of the greenhouse gases in metric tonnes and their global warming potential.

- **Tonnes CO₂ Equivalent = kg of refrigerant charge/1000 x GWP**

•

The filled out label must be adhered in the proximity of the product charging port.

 Contains fluorinated greenhouse gases			
Ref.	GWP	Charge (kg)	TCO ₂ Eq.
R407A	2107		
R407F	1825		
R448A	1387		
R449A	1397		
R452A	2140		
R134a	1430		



The periodical inspections for refrigerant leaks may be required depending on European or local legislation. Please contact your local dealer for more information.

11. Decommissioning and Disposal

At the end of the unit's useful life, a suitably qualified engineer should decommission it. The refrigerant and compressor oil are classed as hazardous waste and as such must be reclaimed and disposed of in the correct manner, including completion of waste transfer paperwork. The unit components must be disposed of or recycled as appropriate in the correct manner.

NOTICE

Disposal Requirement



Your refrigeration product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household waste. Do not try to dismantle the system yourself: the dismantling of the refrigeration system, treatment of the refrigerant, of oil and of other parts must be done by a qualified installer in accordance with relevant local and national legislation. Refrigeration equipment must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health.

Batteries must be removed from the controller and disposed of separately in accordance with relevant local and national legislation.

12. Service and Maintenance

Important Note

Warning! – Disconnect the mains electrical supply before servicing or opening the unit

Warning! – Ensure there is no refrigerant in refrigerant circuit before dismantle it

Warning! – If the supply cord is damaged, it must be replaced by the qualified service agent in order to avoid a hazard.

The condensing units are designed to give long life operation with minimum maintenance. However, they should be routinely checked and the following service schedule is recommended under normal circumstances:

The removal of the top, side and front panels ensures that all parts are accessible.

1. Compressor – Inspect at regular intervals
 - Check for refrigerant leaks on all joints and fittings.
 - Ensure that no abnormal noise or vibration is detected during test run.
 - Check the compressor oil levels and top up if required. The oil level should not be lower than quarter of the compressor oil sight glass. Not applicable to AE/AJ.
2. Condenser Coil – Clean and inspect at regular intervals
 - Check and remove the dirt and debris between the fins according to “**Step 1: Remove surface debris**” at the same page.
 - Check and remove any obstacles which may hinder the airflow through the condenser coil.
3. Power Supply – Inspect at regular intervals
 - Check the running current and voltage for the condensing unit.
 - Check the electrical wiring and tighten the wires onto the terminal blocks.
4. Compact Braze Heat Exchanger (BPHE) – For EVI unit only
 - Any soldering process done on the heat exchanger needs to be brazed with minimum 45% silver solder at maximum 450°C (840°F) when soft soldering and 450-800°C (840-1470°F) when hard soldering.
 - Do not direct flame at BPHE and use wet rag to avoid overheating of BPHE.
5. Rotolock Valve Tightening Torque
 - Check the tightness of rotolock connection based on recommended torque setting shown in below table:

Unit Model	Series	Compressor Model	Rotolock (Suction) Thread: Tightening Torque (N.m)	Rotolock (Discharge) Thread: Tightening Torque (N.m)
Medium Temperature	1	JEHCCU0050CM1	AE4460Z-FZ1C	Not Applicable (Braze - Connection)
		JEHCCU0067CM1	CAJ9480Z	
		JEHCCU0100CM1	CAJ9510Z	
		JEHCCU0113CM1	CAJ9513Z	
		JEHCCU0040CM1	AE4440Y-FZ1A	
		JEHCCU0051CM1	CAJ4461Y	
		JEHCCU0063CM1	CAJ4476Y	
		JEHCCU0077CM1	CAJ4492Y	
		JEHCCU0095CM1	CAJ4511Y	
		JEHCCU0140CM1	CAJ4517Z	
	2	JEHCCU0140CM3	TAJ4517Z	
		JEHCCU0170CM1	CAJ4519Z	
		JEHCCU0170CM3	TAJ4519Z	
		JEHSCU0200CM1	ZB15KQE-PFJ	
		JEHSCU0200CM3	ZB15KQE-TFD	
		JEHSCU0250CM1	ZB19KQE-PFJ	
		JEHSCU0250CM3	ZB19KQE-TFD	
		JEHSCU0300CM1	ZB21KQE-PFJ	
		JEHSCU0300CM3	ZB21KQE-TFD	
		JEHSCU0350CM3	ZB26KQE-TFD	
	3	JEHSCU0360CM3	ZB26KQE-TFD	
		JEHSCU0400CM3	ZB29KQE-TFD	
		JEHSCU0500CM3	ZB38KQE-TFD	
		JEHSCU0600CM3	ZB45KQE-TFD	
		JEHSCU0680CM3	ZB48KQE-TFD	
	4	JEHSCU0800CM3	ZB57KQE-TFD	
		JEHSCU1000CM3	ZB76KQE-TFD	
Low Temperature	1	JEHCCU0115CL1	CAJ2446Z	Not Applicable (Braze - Connection)
		JEHCCU0135CL1	CAJ2464Z	
	2	JEHCCU0180CL1	FH2480Z-XC3A	
		JEHCCU0180CL3	FH2480Z-XG1A	
		JEHCCU0210CL1	FH2511Z-XC3A	
		JEHCCU0210CL3	FH2511Z-XG1A	
	3	JEHSCU0300CL3	ZF09K4E-TFD	1-1/4"-12UNF (110-135 N.m)
		JEHSCU0400CL3	ZF13K4E-TFD	
		JEHSCU0500CL3	ZF15K4E-TFD	
		JEHSCU0600CL3	ZF18KQE-TFD	
	4	JEHSCU0750CL3	ZF25K5E-TFD	
		JEHSCU0950CL3 EVI	ZF18KVE-TFD-EVI	
		JEHSCU0951CL3 EVI	ZF126KQE-TFD	
	1	JEHCCU0115CL1	CAJ2446Z	1"-14 UNS (70-80N.m)
		JEHCCU0135CL1	CAJ2464Z	
	2	JEHCCU0180CL1	FH2480Z-XC3A	1-1/4"-12UNF (110-135 N.m)
		JEHCCU0180CL3	FH2480Z-XG1A	
		JEHCCU0210CL1	FH2511Z-XC3A	
		JEHCCU0210CL3	FH2511Z-XG1A	
	3	JEHSCU0300CL3	ZF09K4E-TFD	1"-14 UNS (70-80N.m)
		JEHSCU0400CL3	ZF13K4E-TFD	
		JEHSCU0500CL3	ZF15K4E-TFD	
		JEHSCU0600CL3	ZF18KQE-TFD	
	4	JEHSCU0750CL3	ZF25K5E-TFD	1-1/4"-12UNF (110-135 N.m)
		JEHSCU0950CL3 EVI	ZF18KVE-TFD-EVI	
		JEHSCU0951CL3 EVI	ZF126KQE-TFD	

Under normal circumstances:

- Clean condenser coil every three months
- To assure no leakage
- Check and verify operation of all safety devices every three months, ensure crankcase heater is operational
- Check sight glass and operating conditions
- Check security of compressor mountings and the bolts that hold down the unit each year

Micro Channel Heat Exchanger Cleaning Procedure

Step 1: Remove surface debris

Remove surface dirt, leaves, fibers, etc. with a vacuum cleaner (preferably with a brush or other soft attachment rather than a metal tube), compressed air blown from the inside out, and/or a soft bristle (not wire!) brush. Do not impact or scrape the coil with the vacuum tube, air nozzle, etc.

Step 2: Optional blow dry

Micro channel heat exchangers, because of their fin geometry, tend to retain water more than traditional fin & tube coils. Depending on the specific design and installation of your coil, it may be beneficial to blow or vacuum out the rinse water from your unit to speed drying and prevent pooling.

13. Checkpoints

- Ensure the high low pressure controls are configured properly.
- Ensure crankcase heater is energized minimum 12 hours prior to start up and permanently energized.
- Check the refrigerant is correct for intended use.
- Check all electrical connections.
- Check all electrical termination and circuits are correct.
- Check compressor oil level via compressor sight glass, the oil level should not be lower than quarter of sight glass.
- Check the TXV capacity sizing based on indoor unit capacity. Check TXV applicable refrigerant. Check position and condition of the sensing bulb fixing
- Observed the system pressures during the charging and initial operation process.
- Ensure that suction pressure will decrease, discharge pressure will increase. No abnormal noise from the compressor.
- Continue to charge the system until sight glass is clear. Make sure that high pressure is > 14 barG for R404A and > 8 barG for R134a when doing this charge adjustment operation. Continuous flow of clear refrigerant through the sight glass, with perhaps an occasional bubble at very high temperature indicates the refrigerant is at optimum.
- Check the compressor's discharge and suction pressure, ensure it's within operating range. Discharge temperature should be within 50 to 90 °C and pressure should be around 15 to 26 barG (for system charged with R407F/R407A) and 8 to 16 barG (for system charged with R134a).
- Check the current of condensing unit and ensure it below the isolator setting value.
- Check condenser fan, ensure warm air blowing off the condenser coil.
- Check evaporator blower, ensure it's discharging cool air.
- Check suction superheat and adjust expansion valve to prevent liquid flood back to the compressor. Recommended 5 to 20 K of suction superheat.
- Do not leave the system unattended until the system has reached its normal operating condition and the oil charge has properly adjusted itself to maintain the proper level in the sight glass.
- Check periodically the compressor performance and all the moving components during the first day of operation.

- Check the liquid line sight glass and expansion valve operation. If there is an indication that the system is low on refrigerant, thoroughly check the system for leaks before adding refrigerant.
- The rotolock connections as used on some compressor models are factory sealed with Loctite 554 thread sealant. If the rotolock connections need to be disassembled (e.g. compressor change), then they should be thoroughly cleaned and Loctite 554 reapplied before reassembly. In case of difficulty undoing the connections due to the sealant, apply heat to the rotolock using a heat gun for several minutes and then loosen using hand tools whilst hot. Replacement of the 'O' ring seal may be required. Check the tightness of rotolock connection based on table shown in page 160.

14. Trouble Shooting

This troubleshooting guide describes some common condensing unit failure. Consult qualified personnel before any corrective actions are taken.

Failure	Possible Causes
Fan does not work	• Improper wiring
Compressor does not start	• Improper wiring • System stopped because of tripped of safety device.
Insufficient cooling	• Incorrect TXV size and SH setting • Miss matching of indoor unit • Low refrigerant charge • Condenser coil dirty • Obstacle blocking air inlet/outlet • Improper thermostat setting • Compressor rotating direction is incorrect

Important Note

Warning! – Immediately shut off power of the unit if there is any event of accident or breakdown.

EXD – HP1 Error/ Alarm handling

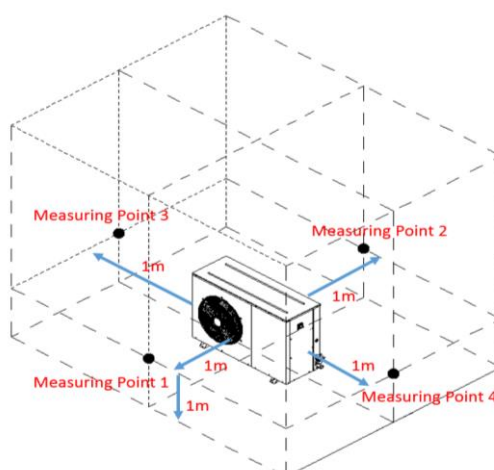
Alarm code	Description	Related parameter	Valve	What to do?	Requires manual reset after resolving alarm
1E0/2E0	Pressure sensor 1/2 error	-	Fully close	Check wiring connection and measure the signal 4 to 20 mA	No
1E1/2E0	Temperature sensor 1/2 error	-	Fully close	Check wiring connection and measure the resistance of sensor	No
1Ed	Discharge hot gas temperature sensor 3 error	-	Operating	Check wiring connection and measure the resistance of sensor	No
1AII/2AII	EXM/EXL electrical connection error	-	-	Check wiring connection and measure the resistance of winding	No
1Ad	Discharge hot gas temperature above limit		Operating	Check valve opening/ check liquid flow for flash gas free/check discharge hot gas temperature sensor	No
AF	Freeze protection	1P4/2P4: 1	Fully close	Check the system for cause of low pressure such as insufficient load on evaporator	No
AF blinking		1P4/2P4: 2	Fully close		Yes
AL	Low superheat (<0.5K)	1uL/2uL: 1	Fully close	Check wiring connection and operation of valve	No
AL blinking		1uL/2uL: 2	Fully close		Yes
AH	High superheat	1uH/2uH: 1	Operating	Check the system	No
AP	Low pressure	1P9/2P9: 1	Operating	Check the system for cause of low pressure such as refrigerant loss	No
AP blinking		1P9/2P9: 2	Operating		Yes

Note: When multiple alarms occur, the highest priority alarm is displayed until being cleared. Then the next highest alarm is displayed until all alarms are cleared. Only then will parameters will be shown again.

Manual alarm reset clearing functional alarms (except hardware error)

- Press **PRG** and **SEL** together for 5 seconds. When clearing is done, “CL” message appears for 2 seconds.

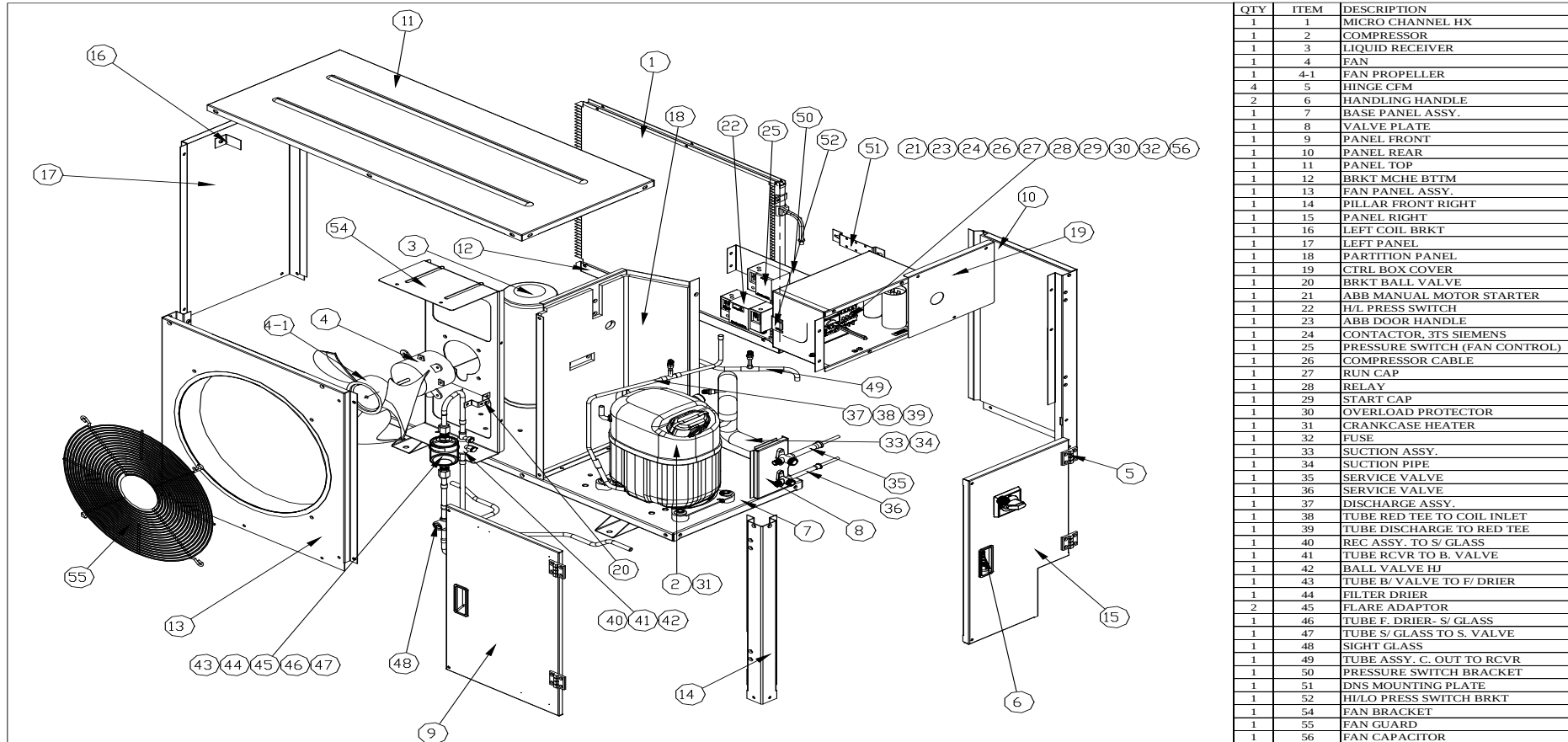
15. Sound Pressure Level



Sound pressure level is measured in anechoic room. The microphones were placed at 1m height and 1m away from 4 sides of the unit to measure sound pressure level. Published value refers to the average sound pressure level of the four measuring points.

16. Exploded view of the condensing unit

JEHCCU0050CM1, JEHCCU0067CM1, JEHCCU0100CM1, JEHCCU0113CM1, JEHCCU0115CL1, JEHCCU0135CL1
JEHCCU0040CM1, JEHCCU0051CM1, JEHCCU0063CM1, JEHCCU0077CM1, JEHCCU0095CM1.

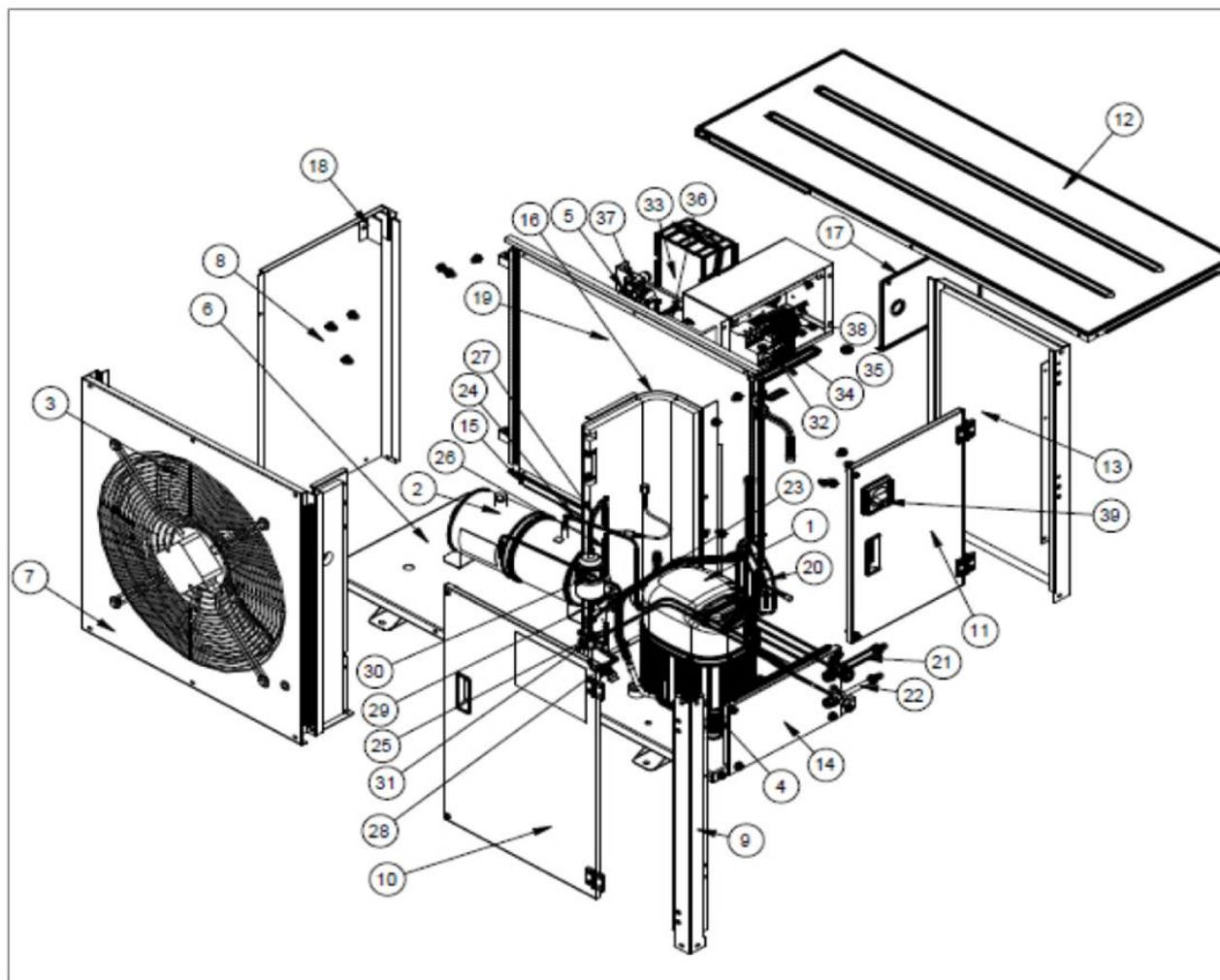


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All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

JEHCCU0140CM1/3, JEHCCU0170CM1/3



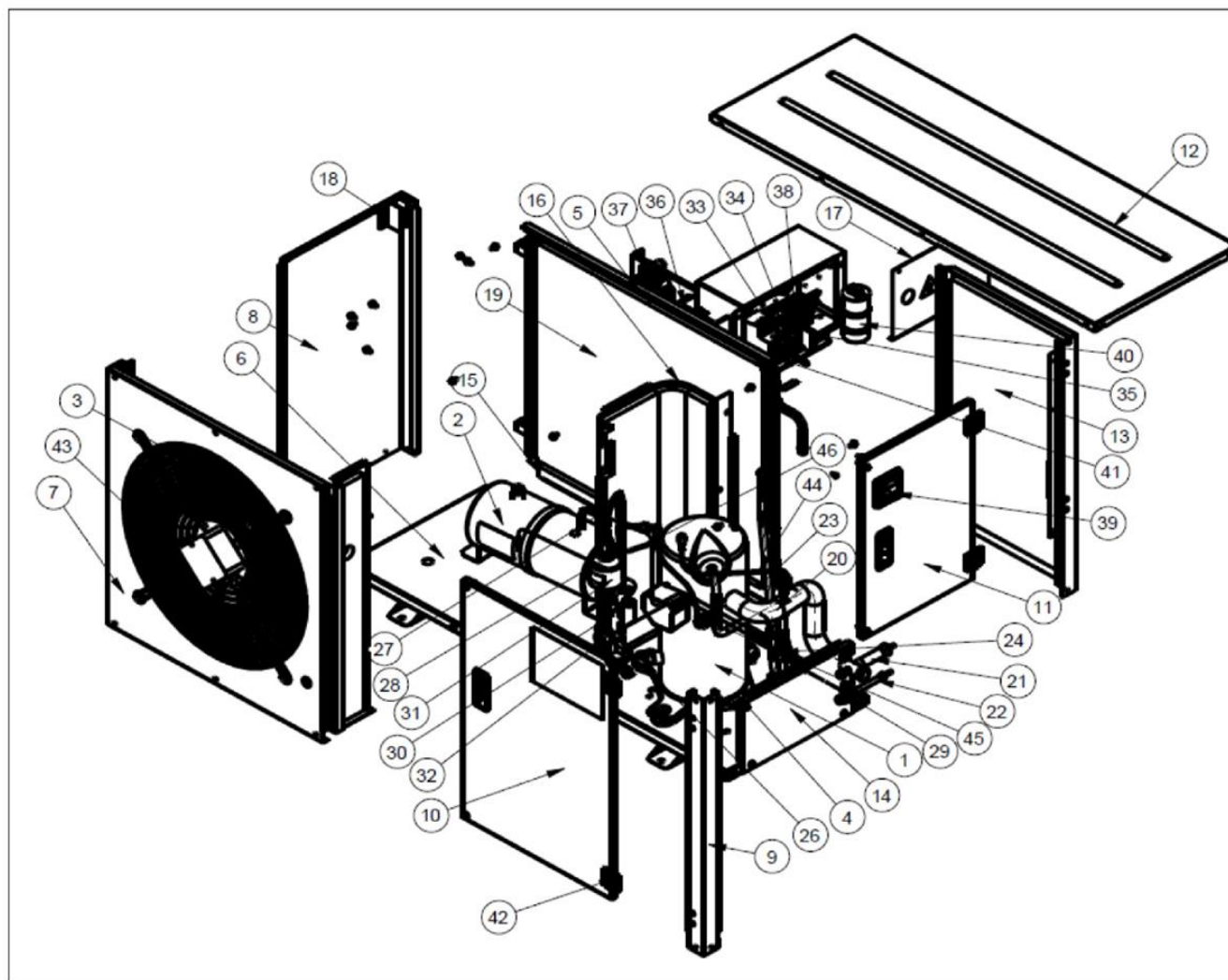
QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
1	3	FAN MOTOR
1	4	CRANKCASE HEATER
1	5	FSC / MALE FLARE CON
1	6	BASE PANEL ASSY
1	7	FAN PANEL ASSY (SP)
1	8	LEFT PANEL ASSY
1	9	PILLAR R/F ASSY
1	10	PANEL FRONT (SP)
1	11	PANEL RIGHT (SP)
1	12	PANEL TOP (SP)
1	13	PANEL REAR (P)
1	14	BRACKET SERVICE VALVE
1	15	BRACKET MCHE BOTTOM
1	16	PANEL MIDDLE (SP)
1	17	CONTROL BOX COVER
1	18	BRACKET LEFT PANEL
1	19	MICRO CHANNEL HX
1	20	SUCTION ASSY
1	21	SERVICE VALVE
1	22	SERVICE VALVE
1	23	DISCHARGE ASSY
1	24	TUBE COIL - LIQUID RECEIVER
1	25	TUBE LIQUID RECEIVER - BALL VALVE
1	26	TUBE TEE - FILTER DRIER
1	27	TUBE BALL VALVE TO RED TEE
1	28	TUBE S/GLASS - S/VALVE
1	29	BALL VALVE
1	30	HENRY FILTER DRIER
1	31	SIGHT GLASS
1	32	ABB
1	33	BLK BOX COMP.CABLE TECUMSEH+RUN CAP
1	34	CONTACTOR
1	35	SIEMENS AUX. CONTACT
1	36	H/L PRESSURE SWITCH
1	37	CONNECTOR
2	38	FUSE
1	39	ABB DOOR HANDLE

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JEHSCU0200CM1, JEHSCU0200CM3, JEHSCU0250CM1, JEHSCU0250CM3,
JEHSCU0300CM1, JEHSCU0300CM3, JEHSCU0350CM3



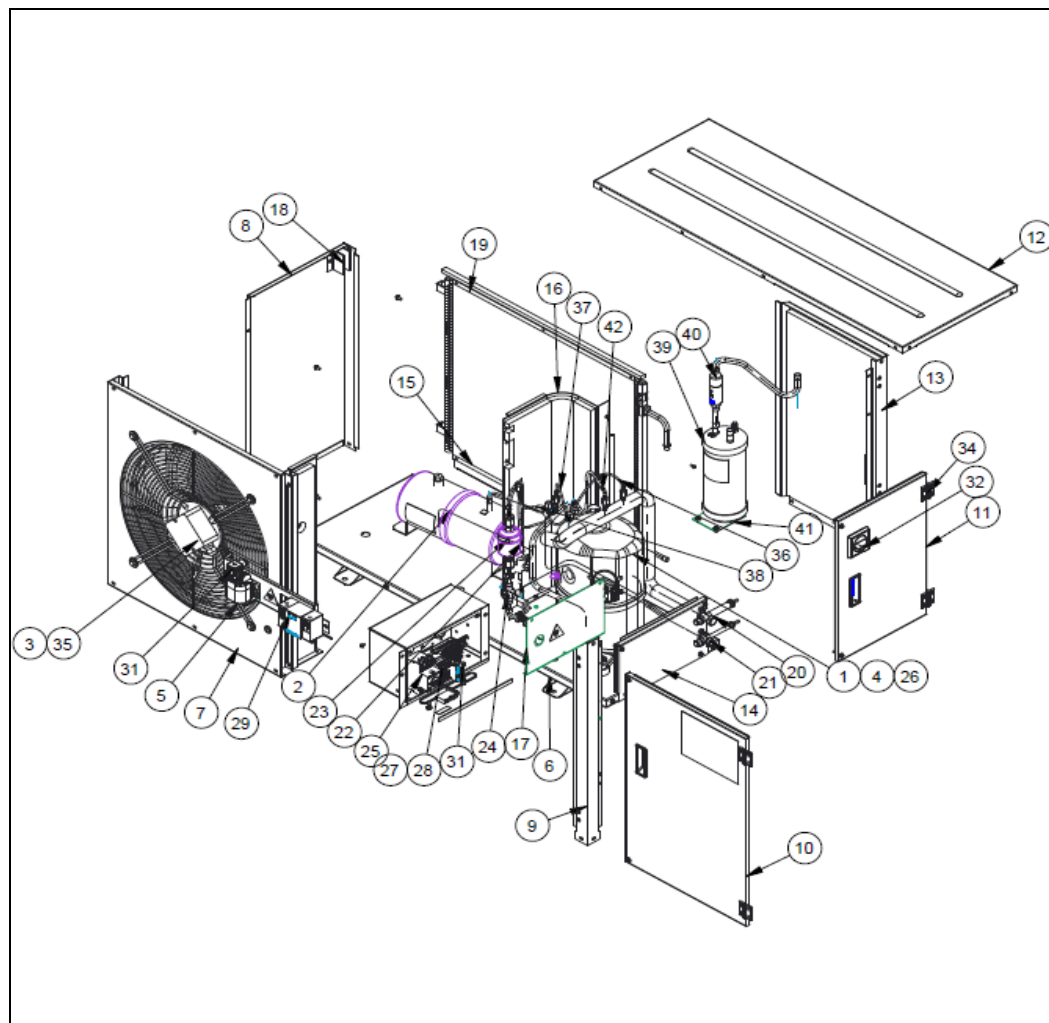
QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
1	3	FAN MOTOR
1	4	CRANKCASE HEATER
1	5	FSC / MALE FLARE CON
1	6	BASE PANEL ASSY (P)
1	7	FAN PANEL ASSY (SP)
1	8	LEFT PANEL ASSY (P)
1	9	PILLAR R/F ASSY
1	10	PANEL FRONT (SP)
1	11	PANEL RIGHT (SP)
1	12	PANEL TOP (SP)
1	13	PANEL REAR (P)
1	14	BRACKET SERVICE VALVE
1	15	BRACKET MCHE BOTTOM
1	16	PANEL MIDDLE (SP)
1	17	CONTROL BOX COVER
1	18	BRACKET LEFT PANEL
1	19	MICRO CHANNEL HX
1	20	SUCTION ASSY
1	21	SERVICE VALVE
1	22	SERVICE VALVE
1	23	DISCHARGE ASSY
1	24	BALL VALVE
1	26	TUBE LIQUID RECEIVER - BALL VALVE
1	27	TUBE TEE - FILTER DRIER
1	28	TUBE BALL VALVE TO RED TEE
1	29	TUBE S/GLASS - S/VALVE
1	30	BALL VALVE
1	31	HENRY FILTER DRIER
1	32	SIGHT GLASS
1	33	ABB
1	34	CONTACTOR
1	35	SIEMENS AUX. CONTACT
1	36	H/L PRESSURE SWITCH
1	37	CONNECTOR
2	38	FUSE
1	39	ABB DOOR HANDLE
1	40	CAPACITOR - COMPRESSOR
1	41	ABB AUXILIARY CONTACT
4	42	HINGE CFM
1	43	FAN RUN CAPACITOR
1	44	FLEXIBLE HOSE (LOW SIDE)
1	45	FLEXIBLE HOSE (HIGH SIDE)
1	46	FLEXIBLE HOSE (FSC)

T-CU03-APR22-8

All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

JEHCCU0180CL1, JEHCCU0210CL1
JEHCCU0180CL3, JEHCCU0210CL3



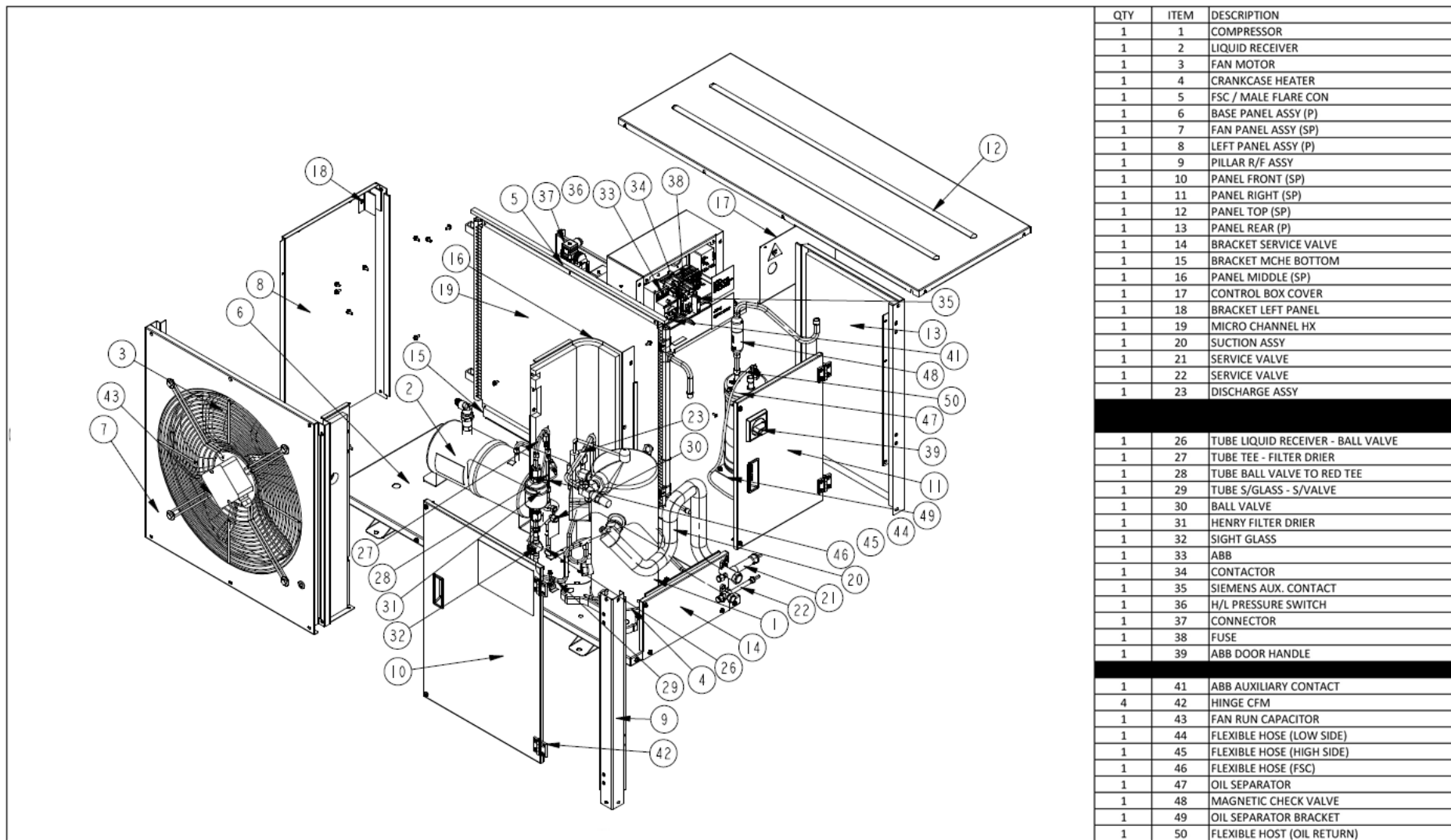
ITEM	QTY	DESCRIPTION
1	1	COMPRESSOR
2	1	LIQ REC 4.5L HHR,TPL,72°C-3/8"NPT
3	1	FAN MOTOR W/G YWF-6E-450-S-P102/60-G-H-
5	1	FSC,MALE FLARE CON, XGE-4CCBI-7 SAGINO
6	1	ASSY BASE PANEL(P), JEHS-200~300-B2?
7	1	ASSY. FAN PANEL C/W INS,JEHR/S-140-350-BM
8	1	ASSY. LEFT PANEL (P), JEHR/S-140~350-BM
9	1	ASSY. PILLAR R/F (P), JEHR/S-140~350-BM
10	1	PANEL FRONT C/W INS.,JEHCCU0140~0300CM/L-1/3
11	1	PANEL RIGHT C/W INS.,JEHR/S-140-350-BM
12	1	PANEL TOP C/W INS.,JEHR/S-140-350-BM
13	1	PANEL REAR C/W INS.,JEHR/S-140-350-BM
14	1	BRKT SERVICE VLV(P),JEHR/C-14/15/175/225
15	1	BRKT MCHE BTM (P),JEHR/S-150~350-BM
16	1	PANEL MIDDLE C/W INS.,JEHR/S-0150-350-BM
17	1	CONTROL BOX COVER, JEHR/S-0140~350-BM
18	1	BRKT LEFT PANEL (P), JEHR/S-150~350-BM
19	1	MICRO CHANNEL HX, 7.1KW
20	1	SERVICE VALVE-5/8" JB585125C-002HW
21	1	SERVICE VALVE-3/8", STRAIGHT
22	1	BALL VALVE, 3/8- HJ
23	1	F/DRIER DML 053, 3/8 FLARE, 023Z5038
24	1	S/GLASS 3/8" SOLDER ,SGN 10s, (014-0182)
25	1	ABB MS132
27	1	CONTACTOR, AX12-30-01 230-240V/50HZ-1N/C
28	1	ABB AUX. CONTACT CA5X-10 (1NO)
29	1	H/L P/SWITCH,DYS-D306X1MC1A2104 (SAGINO)
30	1	CONNECTOR FOR XGE (061H3103)
31	2	GLASS FUSE 3.15A (WITH COVER)
32	1	ABB DOOR HANDLE
33	1	ABB AUXILIARY CONTACT HKF1-11
34	4	R40-SH-5-CLEAN
35	1	RUN CAP-4UF/450V (YWF6E-450S-P102/60-G-H-4)
36	1	ASSY. GOMEX JEH2 S3, 2/360mm/ST/ST
37	1	ASSY.GOMEX (H),JEHSCU600~680B,2/240/S/E
38	1	ASSY.GOMAX FSC,JEHR/S150350,2/175/S/E
39	1	OIL SEPARATOR,PKW-55824N,1/2"ID
40	1	CHECK VALVE,1/2",PKV-08-DF
41	1	OIL SEP. PLATE, JEHR/CU/S/SCU-175~300-B2
42	1	ASSY.GOMEX OIL,JEHR180/210L,4/320/E/E

T-CU03-APR22-8

All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

JEHSCU0300CL3

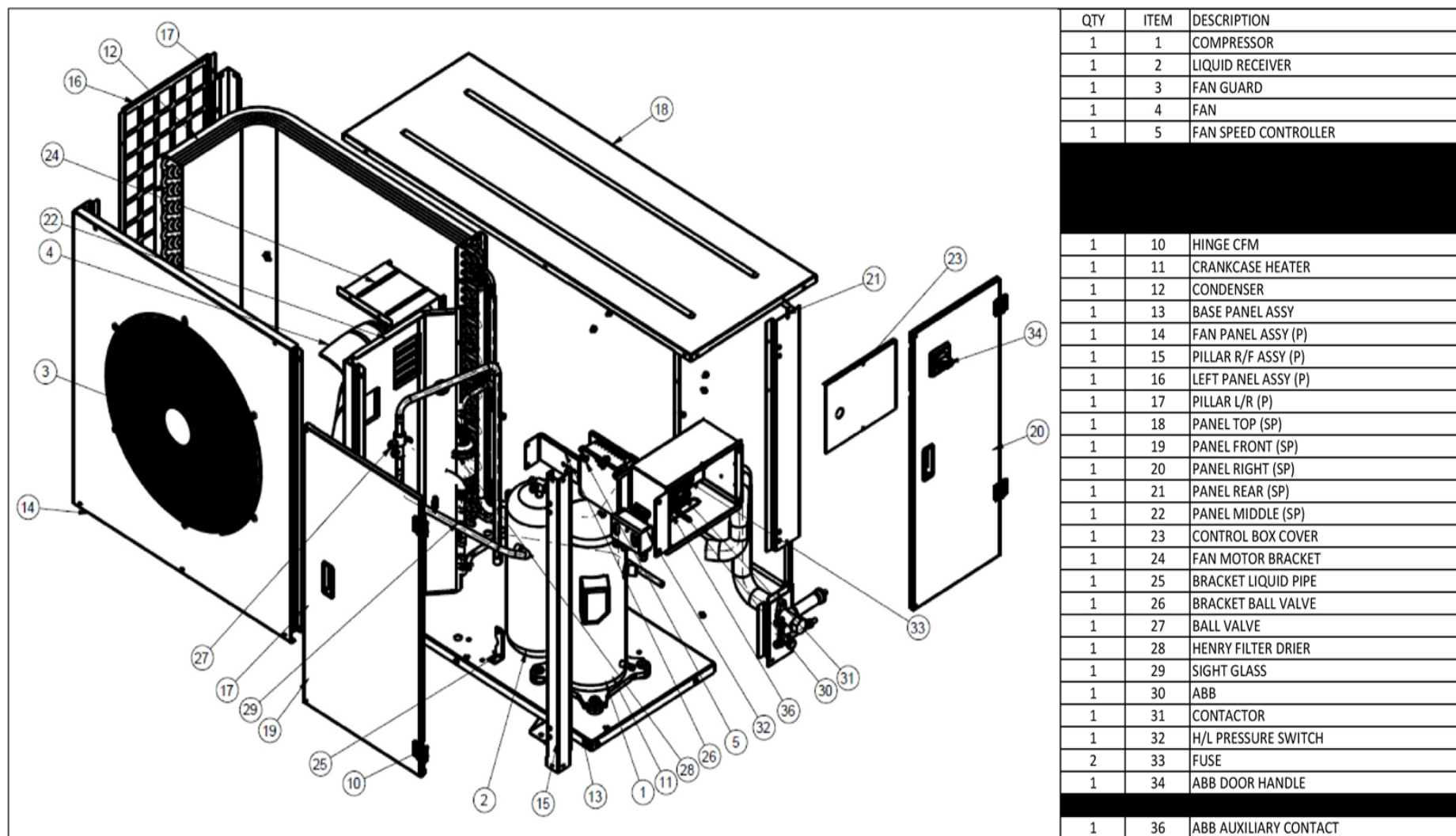


T-CU03-APR22-8

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The English text is the original instruction. Other languages are the translations of the original instructions.

JEHSCU0400CM3; JEHSCU0500CM3; JEHSCU0600CM3; JEHSCU0680CM3

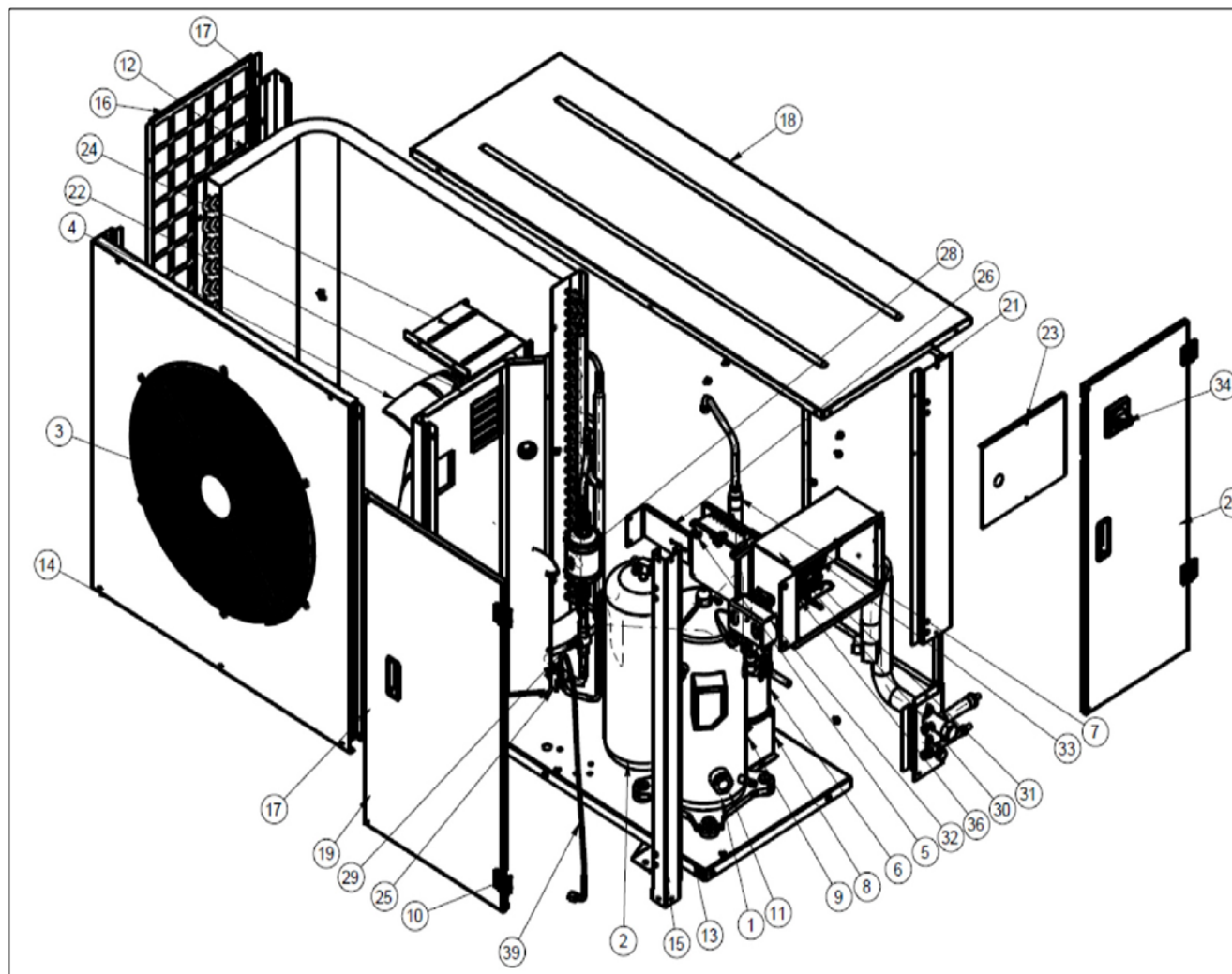


T-CU03-APR22-8

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JEHSCU0400CL3; JEHSCU0500CL3; JEHSCU0600CL3



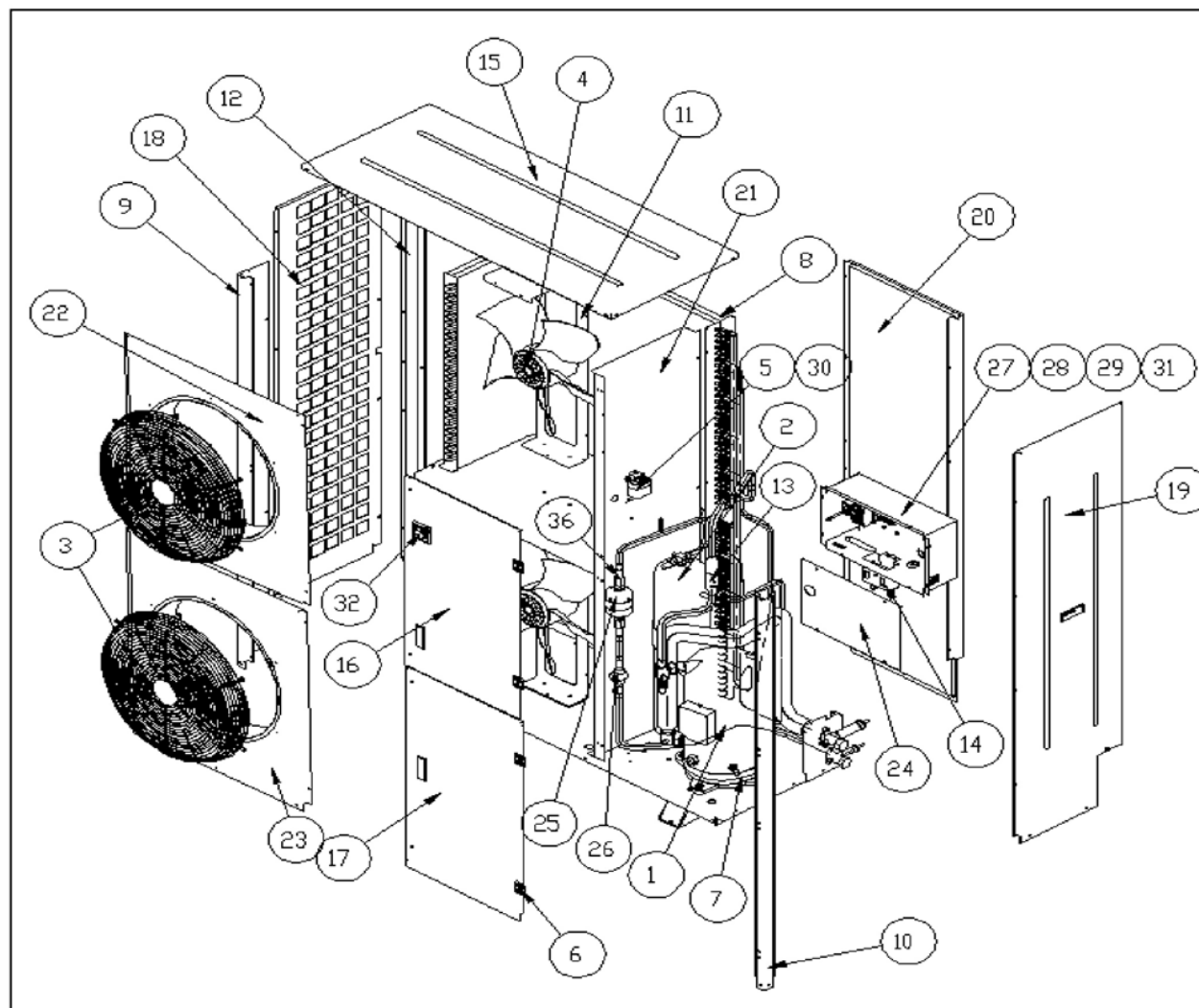
QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
1	3	FAN GUARD
1	4	FAN
1	5	FAN SPEED CONTROLLER
1	6	OIL SEPARATOR
1	7	MAGNETIC CHECK VALVE
1	8	BRACKET OIL SEPARATOR
1	9	BRACKET OIL SEPARATOR
1	10	HINGE CFM
1	11	CRANKCASE HEATER
1	12	CONDENSER
1	13	BASE PANEL ASSY
1	14	FAN PANEL ASSY (P)
1	15	PILLAR R/F ASSY (P)
1	16	LEFT PANEL ASSY (P)
1	17	PILLAR L/R (P)
1	18	PANEL TOP (SP)
1	19	PANEL FRONT (SP)
1	20	PANEL RIGHT (SP)
1	21	PANEL REAR (SP)
1	22	PANEL MIDDLE (SP)
1	23	CONTROL BOX COVER
1	24	FAN MOTOR BRACKET
1	25	BRACKET LIQUID PIPE
1	26	BRACKET BALL VALVE
1	28	HENRY FILTER DRIER
1	29	SIGHT GLASS
1	30	ABB
1	31	CONTACTOR
1	32	H/L PRESSURE SWITCH
2	33	FUSE
1	34	ABB DOOR HANDLE
1	36	ABB AUXILIARY CONTACT

T-CU03-APR22-8

All specifications are subjected to change by the manufacturer without prior notice.

The English text is the original instruction. Other languages are the translations of the original instructions.

JEHSCU0800CM3, JEHSCU1000CM3



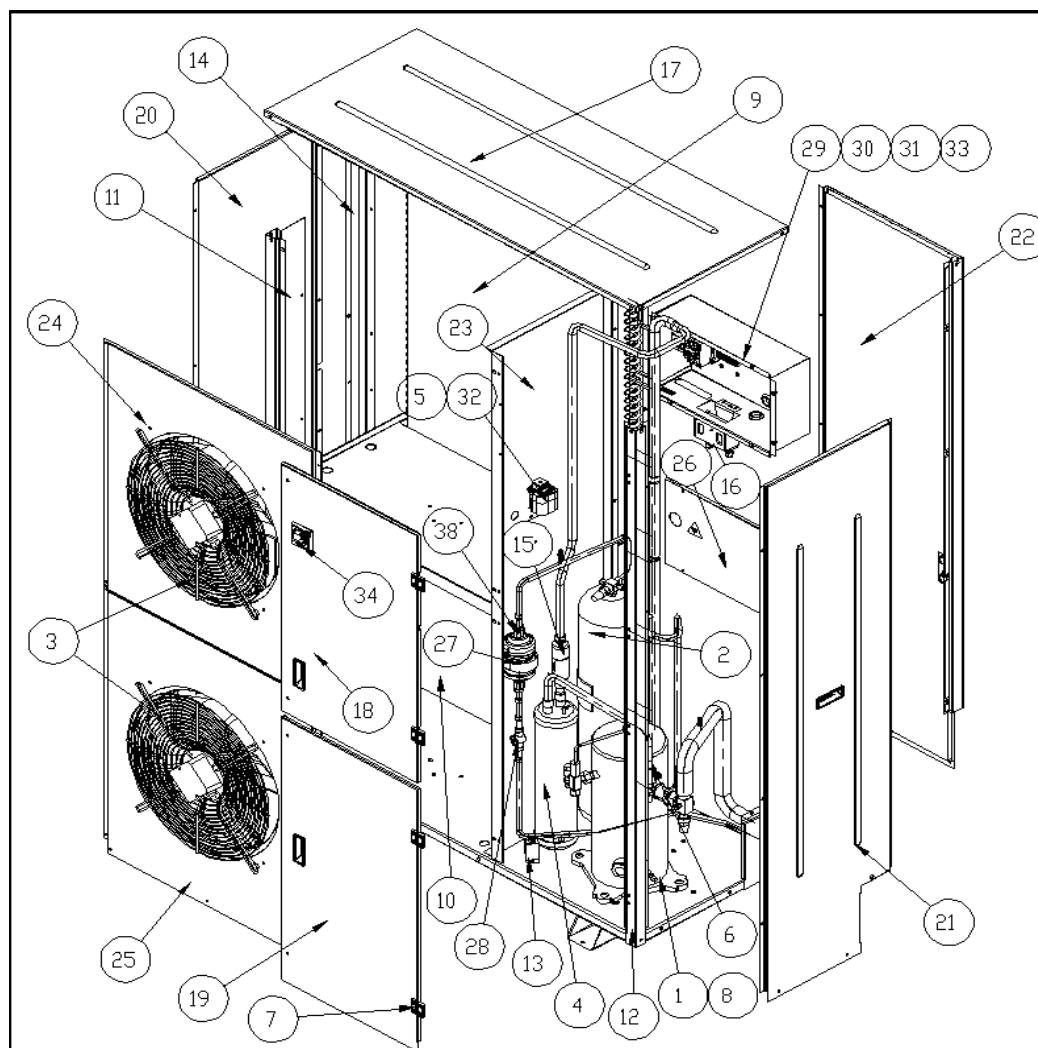
QTY	ITEM	DESCRIPTION
1	1	COMPRESSOR
1	2	LIQUID RECEIVER
2	3	FAN GUARD
2	4	FAN
1	5	FAN SPEED CONTROLLER
4	6	HINGE CFM
1	7	CRANKCASE HEATER
2	8	ASSY COIL
1	9	FRONT LEFT PILLAR (P)
1	10	FRONT RIGHT PILLAR (P)
2	11	FAN BRACKET
1	12	PILLAR LEFT BACK (P)
1	13	MAGNETIC CHECK VALVE
1	14	H/L PRESSURE SWITCH
1	15	PANEL TOP (SP)
1	16	STRUCTURE FRONT TOP (SP)
1	17	STRUCTURE FRONT BTM (SP)
1	18	STRUCTURE LEFT GUARD (SP)
1	19	STRUCTURE RIGHT (SP)
1	20	PANEL REAR (SP)
1	21	PARTITION PANEL (SP)
1	22	ASSY FRONT PANEL TOP
1	23	ASSY FRONT PANEL BOTTOM
1	24	CONTROL BOX COVER
1	25	FILTER DRIER
1	26	SIGHT GLASS
1	27	ABB MOTOR STARTER
1	28	ABB AUXILIARY CONTACT
1	29	CONTACTOR
1	30	CONNECTOR FOR XGE
2	31	FUSE
1	32	ABB DOOR HANDLE
2	33	ASSY GOMEX, HIGH SIDE
1	34	ASSY GOMEX, LOW SIDE
1	35	ASSY GOMEX, FSC

T-CU03-APR22-8

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JEHSCU0750CL3



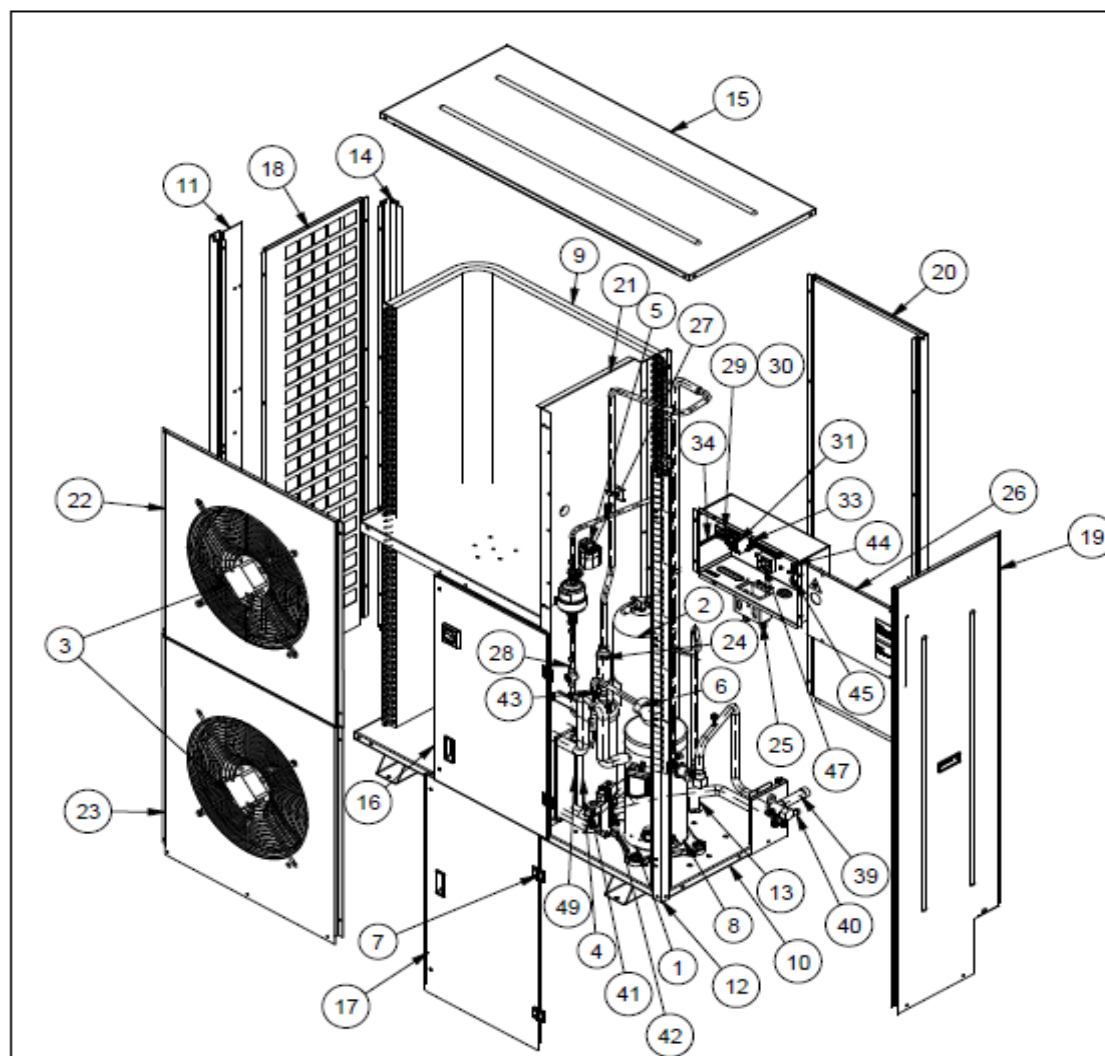
ITEM	QTY	DESCRIPTION
1	1	COPELAND SCROLL-ZF25K5E-TFD-567
2	1	LIQ REC,13.6L ROTOLock- TPL
3	2	FAN MOTOR W/G YWF-6E-450-S-P102/60-G-H
4	1	OIL SEPARATOR, AW55877,RSP,CE
5	1	FSC, MALE FLARE CON, XGE-4CCBI-7 SAGIND
6	1	DISCHARGE GAS-THERMOSTAT KIT 8409496
7	4	HINGES CFM 40-SH-5-CLEAN
8	1	CRANKCASE HEATER, 70W/230V DIAM 273 (8561105)
9	1	ASSY COIL TOP, JEHS/SCU-0750-B4/C-L-3
10	1	ASSY COIL BOTTOM, JEHS/SCU-0750-B4/C-M-3
11	1	FRONT LEFT PILLAR (P), JEHS/SCU-800-1000-M3
12	1	FRONT RIGHT PILLAR (P), JEHS/SCU-800-1000-M3
13	1	CLAMP DTC JEHS/SCU-0750 B4/C-L-3
14	1	STRUC, COIL PILLAR JEHS/SCU-0750-B4/C-L-3
15	1	MAG CHECK VALVE,HELDON,3/4" (2029-1212)
16	1	H/L PRESS.SWITCH,DNS-1D306TM,SAGINDMIYA
17	1	PANEL TOP (SP)
18	1	STRUCTURE FRONT TOP (SP)
19	1	STRUC FRONT BTM (SP)
20	1	PANEL LEFT JEHS/SCU-0750-B4/C-L-3 (SP)
21	1	STRUCTURE RIGHT (SP)
22	1	PANEL REAR (SP)
23	1	PARTITION PANEL (SP)
24	1	ASSY FRONT PANEL TOP,JEHSCU-0750-B4/C-L-3
25	1	ASSY FRONT PANEL BTM JEHS/SCU-0750-B4/C-M-3
26	1	CONTROL BOX COVER, JEHS/JEHSKU 0800-1000-M3
27	1	FILTER DRIER HELDON 1/2" SDM-164S
28	1	SIGHT GLASS, HELDON 1/2" (665-0808H)
29	1	ABB MS132-20 (16-20A)
30	1	ABB AUXILIARY CONTACT HKF1-11
31	1	CONTACTOR,3TS3411-0AP0 (32A) INC/IND SIEMENS
32	1	CONNECTOR FOR XGE (061H3103)
33	1	FUSE 3.15AMP
34	1	DOOR HANDLE
35	1	ASSY GOMEX, HIGH SIDE,JEHS/JEHSKU-0800M3
36	1	ASSY GOMEX LOW SIDE, JEHS/JEHSKU-0800M3
37	1	ASSY GOMEX FSC, JEHS/SCU-0725-1000-M/L
38	1	FSA44 (1/2 X 1/2) ADAPTER C/W SEAL-2PC/BC

T-CU03-APR22-8

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JEHSCU0950/0951CL3 EVI



ITEM	QTY	DESCRIPTION
1	1	COPELAND SCROLL ZFI36KQE-TFD-552 EVI
2	1	LIQ REC, 13.6L ROTOLOCK TPL
3	2	FAN MOTOR W/G TYF-6E-450-S-P 102/60-G-H
4	1	OIL SEPARATOR, AWS5877, RSP, CE
5	1	FSC MALE FLARE CON, XGE-4CCRI-7 SAGINO
6	1	DISCHARGE THERMOSTAT
7	4	HINGES CFM 40-SH-5- CLEAN
8	1	CC HEATER 70W/240V (018-0095-03), ZB15-45
9	1	ASSY COIL TOP, JEHS/SCU-0950/1150-B4/CL3
10	1	ASSY COIL BTM, JEHS/SCU-0950/1150-B4/CL3
11	1	ASSY BASE PANEL S4
12	1	FRONT LEFT PILLAR, JEHS/SCU-800-1000-M3
13	1	FRONT RIGHT PILLAR, JEHS/SCU-800-1000-M3
14	1	CLAMP DTC
15	1	PILLAR LEFT BACK, JEHS/SCU-800-1000-M3
16	1	PANEL TOP S4
17	1	STRUCTURE FRONT TOP
18	1	STRUCTURE FRONT BTM
19	1	STRUCTURE LEFT GUARD
20	1	RIGHT PANEL
21	1	REAR PANEL
22	1	PARTITION PANEL
23	1	PANEL FRONT TOP
24	1	PANEL FRONT BTM
25	1	MAG CHECK VALVE HELDON, 3/4" (2029-1212)
26	1	H/L P/SWITCH, DNS-1D306TMQ002, SAGINOMIYA
27	1	CONTROL BOX COVER, JEHS/SCU-800-1000-M3
28	1	F/DRYER DML 164, 1/2 FLARE, (023Z5044)
29	1	S/GLASS, 1/2", SGN 12S(S), (014-0183)
30	1	ABB MS132-20 (15-20A)
31	1	ABB AUXILIARY CONTACT HKF1-11
32	1	CONT, 3TS3311-0AP0 (25A) 1NC/1NO SIEMENS
33	2	CONNECTOR FOR XGE (061H3103)
34	2	FUSE 3.15A
35	2	FUSE 1A
36	1	ABB DOOR HANDLE
37	1	ASSY GOMEX, JEHS750/1150B4L(H), 2/740/S/E
38	1	ASSY GOMEX, JEHS950B4L(H), 2/720/S/E
39	1	ASSY GOMEX, JEHS1150B4L(FSC), 2/480/S/E
40	1	ASSY GOMEX OIL, JEHS950/1150B, 4/700/E/E/D
41	1	SERVICE VALVE-1 1/8" JB98008-1HW
42	1	SERVICE VALVE-1/2" JB485125B-003HW STRH
43	1	EXM COIL EXM-125 (800403M)
44	1	EXV VALVE EXM-B0R (800400M)
45	1	SOLENOID VALVE 110RB2T2 (801210)
46	1	SOLENOID COIL CABLE 1.5M, 804570
47	1	ASC SOLENOID COIL 230V/50HZ (801064)
48	1	PRESSURE TRANSDUCER PTS-07M, 802350
49	1	PLUG AND CABLE ASSEMBLY 1.5M PT4-M15, 804
50	1	RELAY ACC-HOLDER ABB CR-PH
51	1	RELAY ACC-SOCKET ABB CR-PSS
52	1	RELAY-ABB CR-P230AC2
53	1	EXD-HP1 CONTROLLER, 807836M
54	2	TEMPERATURE SENSOR 3m ECP-P30 (804495)
55	1	CURRENT SENSING RELAY (040-0153-00)
56	1	TRANSFORMER-240V/24V 30VA 2030R03549
57	1	BPHE B8THX10/1P-SC-M 9.65+3X12.8, SWEP

T-CU03-APR22-8

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17. Declaration of Conformity

DOC/001-15(9)

Declaration of Conformity

Konformitätsbescheinigung
Déclaration de Conformité
Conformiteitsverklaring
Declaración de Conformidad
Dichiarazione di Conformità
Overensstemmelseserklæring
Declaração de Conformidade
Δήλωση Συμμόρφωσης
Deklaracja zgodności

DAIKIN REFRIGERATION MALAYSIA SDN. BHD.

LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN BANTING,
42700 BANTING, SELANGOR DARUL EHSAN, MALAYSIA.

declare under our sole responsibility that the products
bescheinigen auf unsere eigene Verantwortung, daß die Produkten
déclarons sous notre seule responsabilité que les produits
verklaren onder onze uitsluitende verantwoordelijkheid de producten
declaramos sobre nuestra sola responsabilidad que los productos
dichiariamo sotto nostra sola responsabilità che i prodotti
erklærer som eneansvarlige, at produktet
declaramos sob a nossa responsabilidade exclusiva que os produtos
δηλώνει υπό την αποκλειστική της ευθύνη ότι τα προϊόντα
oświadcza z pełną odpowiedzialnością, że produkty

COMMERCIAL REFRIGERATION CONDENSING UNIT

Unidad que condensa comercial de la refrigeración
Unité de condensation commerciale de réfrigération
Commerciële condenserende koel-unit
Kommerzielle kondensierende Macinheit der Abkühlung
Unità condensate commerciale di refrigerazione
kølekondenseringsenheden til kommercielt brug
Unidade de condensação de refrigeração
Εμπορική Μονάδα Συμπύκνωσης Ψυξης
AGREGAT SKRAPLAJĄCY - CHŁODNICTWO KOMERCYJNE

Model Designations:
Baumuster-Bezeichnungen:
Designations Modèles:
Aanduidingen Model:
Designaciones Modelo:
Indicazioni de Modello:
modelbetegnelse:
Designações do modelo:
Ονομασίες μοντέλων:
Oznaczenia modelu:

See Appendix 1 overleaf
Sehen sie anhang 1 umseitig
Voir l'annexe 1 au verso
Zie ommezijde voor bijlage 1
Vea el apendice 1 a la vuelta
Veda overleaf l'appendice 1
se appendiks 1 på bagsiden
Ver Apêndice 1 verso
Βλ. Παράρτημα 1 στο πίσω μέρος της σελίδας
Patrz na odwrocie Załącznik 1

which this declaration relates is in conformity with the requirements of the following directives
auf diese Bescheinigung sich beziehen, sind den Vorschriften der Normen entsprechend
auxquels se réfèrent cette déclaration, sont conformes aux prescriptions des directives
waarop deze verklaring betrekking heeft, in overeenstemming is/zijn met de eisen van de volgende richtlijnen
a los cuales se refieren esta declaración, son conformes a las prescripciones de las directivas
alla quale si riferisce questa dichiarazione, sono conformi alle prescrizioni delle direttive
som denne erklæring vedrører, er i overensstemmelse med kravene fremsat i følgende direktiver
que esta declaração está conforme os requerimentos das seguintes directrizes
τα οποία αφορά αυτή η δήλωση συμμορφώνονται με τις απαιτήσεις των παρακάτω οδηγιών
których dotyczy ta deklaracja są zgodne z wymaganiami następujących Dyrektyw

Machinery Directive *

IEC/ EN 60335-1
IEC/ EN 60335-2-89

2006/42/EC

Safety of Household and Similar Electrical Appliances: Part I
Safety of Household and Similar Electrical Appliances: Part II

Eco-design Directive

Commission regulation (EU) 2015/1095

2009/125/EC

Ecodesign requirements for condensing units

- * Daikin Europe N.V. is authorised to compile the Technical Construction File.
- * Daikin Europe N.V. hat die Berechtigung die Technische Konstruktionsakte zusammenzustellen.
- * Daikin Europe N.V. est autorisé à compiler le Dossier de Construction Technique.
- * Daikin Europe N.V. is gevolmachtigd het Technisch Constructiedossier op te stellen.
- * Daikin Europe N.V. está autorizado a compilar el Archivo de Construcción Técnica.
- * Daikin Europe N.V. è autorizzata a redigere il File Tecnico di Costruzione.
- * Daikin Europe N.V. er bemyndiget til at compilere teknikkonstruktionsfilen.
- * Daikin Europe N.V. tem autorização para compilar o Ficheiro de Construção Técnica.
- * Daikin Europe N.V. είναι εξουσιοδοτημένη να καταρτίσει τον Τεχνικό Φάκελο Κατασκευής.
- * Daikin Europe N.V. jest upoważniony do opracowania dokumentacji technicznej.

Daikin Europe N.V., Zandvoordestraat 300, 8400 Oostende (Belgium)

General Manager



Teh Yeow Chong

Issue Date: 11 February 2022

Declaration of Conformity

Konformitätsbescheinigung
Déclaration de Conformité
Conformiteitsverklaring
Declaracion de Conformidad
Dichiarazione di Conformità
Overensstemmelseerklæring
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DAIKIN REFRIGERATION MALAYSIA SDN. BHD.

LOT 10, JALAN PERUSAHAAN 8, KAWASAN PERUSAHAAN PEKAN BANTING,
42700 BANTING, SELANGOR DARUL EHSAN, MALAYSIA.

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Baumuster-Bezeichnungen:
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Aanduidingen Model:
Designaciones Modelo:
Indicazioni de Modello:
modelbetegnelse:
Designações do modelo:
Ονομασίες μοντέλων:
Oznaczenia modelu:

JEHCCU0050CM1
JEHCCU0067CM1
JEHCCU0100CM1
JEHCCU0113CM1
JEHCCU0040CM1
JEHCCU0051CM1
JEHCCU0063CM1
JEHCCU0077CM1
JEHCCU0095CM1
JEHCCU0140CM1
JEHCCU0140CM3

JEHCCU0115CL1
JEHCCU0135CL1
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JEHCCU0180CL1
JEHCCU0180CL3

JEHCCU0150CM1
JEHCCU0150CM3
JEHCCU0170CM1
JEHCCU0170CM3
JEHCCU0225CM1
JEHCCU0225CM3
JEHCCU0300CM1
JEHCCU0300CM3
JEHSCU0200CM1
JEHSCU0200CM3
JEHSCU0250CM1

JEHCCU0210CL1
JEHCCU0210CL3
JEHSCU0300CL3
JEHSCU0400CL3
JEHSCU0500CL3

JEHSCU0250CM3
JEHSCU0300CM1
JEHSCU0300CM3
JEHSCU0350CM3
JEHSCU0360CM3
JEHSCU0400CM3
JEHSCU0500CM3
JEHSCU0600CM3
JEHSCU0680CM3
JEHSCU0800CM3
JEHSCU1000CM3

JEHSCU0600CL3
JEHSCU0750CL3
JEHSCU0950CL3 EVI
JEHSCU0951CL3 EVI

DAIKIN REFRIGERATION MALAYSIA SDN. BHD. (34543-W)

Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan, Malaysia.
Tel: +603-31872911 Fax: +603-31878597

EU Declaration of Conformity 2014/68/EU

We declare under our sole responsibility that the following products:

Refrigeration Condensing Unit

Model Designations:

JEHSCU0360CM3	JEHSCU0680CM3	JEHSCU0400CL3	JEHSCU0750CL3
JEHSCU0400CM3	JEHSCU0800CM3	JEHSCU0500CL3	JEHSCU0950CL3 EVI
JEHSCU0500CM3	JEHSCU1000CM3	JEHSCU0600CL3	JEHSCU0951CL3 EVI
JEHSCU0600CM3			

Which are assemblies that containing refrigerating fluids classified in Group 2 and comply the requirements of **PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU**. The details of pressure equipment as listed below.

Pressure equipment	Part description	Category	Conformity assessment
Safety device	High pressure switch	IV	Module B & D
Vessel	Compressor	I or II	- or Module A2 or Module D1
Vessel	Liquid receiver	II	Module A2 or Module D1 or Module B & D
Vessel	Oil separator	I	Module A or Module D1 or Module B & D
Vessel	Check valve	SEP	-
Vessel	Filter drier	SEP	-
Piping	System Piping	SEP	-
Piping	Sight glass	SEP	-
Piping	Coil	SEP	-
Piping	Service valve	SEP	-

Category: II

Evaluation module: A2

Notified body number: 2833

Notified body name & address: Hartford Steam Boiler Ireland Limited
28 Windsor Place Lower Pembroke Street, Dublin 2, Ireland.

Technical standards and specification:

are in conformity with the **Machinery Directive 2006/42/EC** and **Eco-design Directive 2009/125/EC**.

MD IEC/ EN 60335-1 & IEC/ EN 60335-2-89
Eco Commission regulation (EU) 2015/1095

DAIKIN REFRIGERATION MALAYSIA SDN. BHD.



Teh Yeow Chong
General Manager

Issued Date: 11 February 2022

DAIKIN REFRIGERATION MALAYSIA SDN. BHD. (34543-W)

Lot 10, Jalan Perusahaan 8, Kawasan Perusahaan Pekan Banting, 42700 Banting, Selangor Darul Ehsan, Malaysia.
Tel: +603-31872911 Fax: +603-31878597

PED Statement for Product

Refrigeration Condensing Unit

Model Designations :

JEHCCU0050CM1	JEHCCU0140CM1	JEHCCU0300CM3	JEHCCU0135CL1
JEHCCU0067CM1	JEHCCU0140CM3	JEHSCU0200CM1	JEHCCU0175CL1
JEHCCU0100CM1	JEHCCU0150CM1	JEHSCU0200CM3	JEHCCU0180CL1
JEHCCU0113CM1	JEHCCU0150CM3	JEHSCU0250CM1	JEHCCU0180CL3
JEHCCU0040CM1	JEHCCU0170CM1	JEHSCU0250CM3	JEHCCU0210CL1
JEHCCU0051CM1	JEHCCU0170CM3	JEHSCU0300CM1	JEHCCU0210CL3
JEHCCU0063CM1	JEHCCU0225CM1	JEHSCU0300CM3	JEHSCU0300CL3
JEHCCU0077CM1	JEHCCU0225CM3	JEHSCU0350CM3	
JEHCCU0095CM1	JEHCCU0300CM1	JEHCCU0115CL1	

Which are containing refrigerating fluids classified in Group 2 and classified in category I according to **PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU**.

The products are provided with a CE marking of conformity as they fulfill the following requirements:

Technical standards and specification:

are in conformity with the **Machinery Directive 2006/42/EC** and **Eco-design Directive 2009/125/EC**.

<u>MD</u>	IEC/ EN 60335-1 & IEC/ EN 60335-2-89
<u>Eco</u>	Commission regulation (EU) 2015/1095