Field settings table

Applicable indoor units

EPBX(U)07A▲4V▼
EPBX(U)10A▲4V▼
EPBX14A▲4V▼

EPBX10A▲9W▼
EPBX(U)14A▲9W▼

EPVX07S(U)18A▲4V▼
EPVX07S(U)23A▲4V▼
EPVX10S(U)18A▲4V▼
EPVX10S(U)23A▲4V▼
EPVX14S(U)18A▲4V▼
EPVX14S(U)23A▲4V▼

EPVX07S23A▲9W▼
EPVX10S18A▲9W▼
EPVX10S23A▲9W▼
EPVX14S18A▲9W▼
EPVX14S23A▲9W▼

EPSX07P30A▲▼
EPSX07P50A▲▼
EPSX10P30A▲▼
EPSX10P50A▲▼
EPSX14P30A▲▼
EPSX14P50A▲▼

EPSXB07P30A▲▼
EPSXB07P50A▲▼
EPSXB10P30A▲▼
EPSXB10P50A▲▼
EPSXB14P30A▲▼
EPSXB14P50A▲▼

Notes

(*1) *4V*
(*2) *9W*
(*3) EPB*
(*4) EPV*
(*5) EPSX*
(*6) EPSXB*
(*7) *SU*

▲ = 1, 2, 3, …, 9, A, B, C, …, Z
▼ = , , 1, 2, 3, …, 9

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
1 Main zone							
1.1	End user	N/A	Room temperature target during space cooling in the main zone.	[041]=2: Room	12~35°C step: 0.5°C **20**		
1.1	End user	N/A	Room temperature target during space heating in the main zone.	[041]=2: Room	12~30°C step: 0.5°C **21**		
1.2	End user	N/A	Enable the room temperature target schedule for space heating in the main zone.	[041]=2: Room	**0: Manual mode** 1: Schedule mode		
1.2	End user	N/A	Enable the leaving water target schedule without weather-dependent curve for space heating in the main zone.	[041]=0: Leaving water	**0: Manual mode** 1: Schedule mode		
1.3	End user	N/A	Heating schedule.	[041]=2: Room OR [041]=0: Leaving water	N/A		
1.4	End user	N/A	Cooling schedule.	[041]=2: Room OR [041]=0: Leaving water	N/A		
1.5	Adv. end user	N/A	Leaving water control mode during space heating in the main zone.	Always	**0: Fixed** 1: Weather-dependent		
1.6	Installer	[053]	Upper limit of the leaving water temperature target during space heating in the main zone.	Always	[099]=1: Yes AND [1.11]=2: Radiator [054]~min([048]-5; [060]; 75) step: 1°C **35°C** [099]=1: Yes AND [1.11]≠2: Radiator [054]~min([048]-5; [060]; 55) step: 1°C **35°C** [099]=0: No AND [1.11]=2: Radiator [054]~min([015]-5; [060]; 75) step: 1°C **75°C** [099]=0: No AND [1.11]≠2: Radiator [054]~min([015]-5; [060]; 55) step: 1°C **55°C**		
1.6	Installer	[054]	Lower limit of the leaving water temperature target during space heating in the main zone.	Always	15~[053]°C step: 1°C **20**		
1.6	Installer	[055]	Upper limit of the leaving water temperature target during space cooling in the main zone.	Always	[056]~22°C step: 1°C **22**		
1.6	Installer	[056]	Lower limit of the leaving water temperature target during space cooling in the main zone.	Always	[099]=1: Yes ([049]+4)~[055] step: 1°C **7°C** [099]=0: No ([014]+4)~[055] step: 1°C **7°C**		
1.7	Adv. end user	N/A	Leaving water control mode during space cooling in the main zone.	Always	**0: Fixed** 1: Weather-dependent		
1.8	End user	N/A	Leaving water temperature weather-dependent curve for space heating in the main zone.	[1.5]=1: Weather-dependent	Ambient range: -40~25°C step: 1°C Leaving water temperature range: [054]~[053]°C step: 1°C		
1.9	End user	N/A	Leaving water temperature weather-dependent curve for space cooling in the main zone.	[1.7]=1: Weather-dependent	Ambient range: 10~43°C step: 1°C Leaving water temperature range: [056]~[055]°C step: 1°C		
1.10	End user	N/A	Hysteresis on the room target temperature used to restart the request for heating or space cooling.	[041]=2: Room	0.5~10°C step: 0.1°C **0.5**		
1.11	End user	N/A	Heat emitter type selection in the main zone.	Always	0: Underfloor heating 1: Heat pump convector **2: Radiator**		
1.12	Installer	[041]	Thermostat mode in the main zone.	Always	**0: Leaving water** 1: External room 2: Room		
1.13	Installer	[042]	Thermostat type in the main zone.	[041]=1: ExternalRoom AND [180]=0: Hardware	0: Dual contact **1: Single contact**		
1.13	Installer	[180]	Setting to determine what the source is for the external thermostat.	[041]=1: ExternalRoom	**0: Hardware** 1: External		
1.14	Installer	[169]/[170]	Delta T target during space heating in the main zone.	Always	[1.11]=0: Underfloor heating 3~10°C, step: 0.5°C **[169]=5** [1.11]=1: Heat pump convector 3~10°C, step: 0.5°C **[169]=5** [1.11]=2: Radiator 10~20°C, step: 0.5°C **[170]=10**		
1.15	No	N/A	N/A	N/A	N/A		
1.16	Installer	[050]	Allow space cooling operation in the main zone.	Always	0: No **1: Yes**		
1.17	End user	N/A	Leaving water temperature control ON/OFF in the main zone.	[041]=0: Leaving water	**0: Off** 1: On		
1.18	Installer	[174]	Delta T target during space cooling in the main zone.	Always	3~10°C step: 0.5°C **5**		
1.19	Installer	[048]	The absolute upper limit of the leaving water temperature target with respect to the installed emitter in the main zone.	[099]=1: Yes	20~80°C step: 0.5°C **40**		
1.20	Installer	[049]	Absolute lower limit of the leaving water temperature target with respect to the installed emitter in the main zone.	[099]=1: Yes	3~35°C step: 0.5°C **3**		
1.21	End user	N/A	Name of the main zone.	Always	Main zone		
1.22	End user	N/A	Room target temperature during antifrost in the main zone.	[041]=2: Room	4~16°C step: 0.5°C **8**		

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
1.23	End user	N/A	Enable the leaving water target schedule without weather-dependent curve for space cooling in the main zone.	[041]=0: Leaving water	**0: Manual mode** 1: Schedule mode		
1.23	End user	N/A	Enable the room temperature target schedule for space cooling in the main zone.	[041]=2: Room	**0: Manual mode** 1: Schedule mode		
1.24	End user	N/A	Schedule of the temperature shift on the weather-dependent leaving water target for space heating in the main zone.	[041]=0: Leaving water AND [1.5]=1: Weather-dependent	N/A		
1.25	End user	N/A	Schedule of the temperature shift on the weather-dependent leaving water target for space cooling in the main zone.	[041]=0: Leaving water AND [1.7]=1: Weather-dependent	N/A		
1.26	Installer	[052]	Allow a temperature shift on the leaving water target around freezing point in the main zone.	Always	**0: None** 1: Low narrow 2: Low wide 3: High narrow 4: High wide		
1.27	End user	N/A	Temperature shift on the weather-dependent leaving water target for space heating in the main zone.	[1.5]=1: Weather-dependent	-10~10°C step:1°C **0**		
1.28	End user	N/A	Temperature shift on the weather-dependent leaving water target for space cooling in the main zone.	[1.7]=1: Weather-dependent	-10~10°C step:1°C **0**		
1.29	Adv. end user	N/A	Room temperature target during space heating in the main zone for buffering.	[041]=2: Room AND [040]=2: Smart Grid ready contacts	12~30°C step:0.5°C **23**		
1.30	Adv. end user	N/A	Room temperature target during space cooling in the main zone for buffering.	[041]=2: Room AND [040]=2: Smart Grid ready contacts	15~35°C step:0.5°C **18**		
1.31	Installer	[158]	Daikin room thermostat connected.	Always	**0: No** 1: Yes		
1.32	End user	N/A	Room temperature control ON/OFF in the main zone.	[041]=2: Room	**0: Off** 1: On		
1.33	Adv. end user	N/A	Optional offset that can be applied to the room temperature target, measured by the optional sensor in the main zone.	[041]=2: Room	-5~5°C step:0.5°C **0**		
1.34	End user	N/A	Room target baseline temperature for the room schedule during space heating in the main zone.	[041]=2: Room	12~30°C step:0.5°C **12**		
1.35	End user	N/A	Room target baseline temperature for the room schedule during space cooling in the main zone.	[041]=2: Room	12~35°C step:0.5°C **30**		
1.36	End user	N/A	Enable a temperature shift on the weather-dependent leaving water target for space heating in the main zone.	[1.5]=1: Weather-dependent	**0: Manual mode** 1: Schedule mode		
1.37	End user	N/A	Enable a temperature shift on the weather-dependent leaving water target for space cooling in the main zone.	[1.7]=1: Weather-dependent	**0: Manual mode** 1: Schedule mode		
1.38	Adv. end user	N/A	Offset on the room temperature on the HCI in the main zone.	[041]=2: Room	-5~5°C step:0.5°C **0**		
1.39	End user	N/A	Leaving water temperature target during space heating in the main zone.	[1.5]=0: Fixed	[054]~[053]°C step: 1°C		
1.40	No	N/A	N/A	N/A	N/A		
1.41	No	N/A	N/A	N/A	N/A		
1.42	End user	N/A	Leaving water temperature target during space cooling in the main zone.	[1.7]=0: Fixed	[056]~[055]°C step: 1°C		
2 Additional zone							
2.1	No	N/A	N/A	N/A	N/A		
2.2	End user	N/A	Enable the leaving water target schedule without weather-dependent curve for space heating in the additional zone.	[057]=0: Leaving water AND [155]=1: Yes	**0: Manual mode** 1: Schedule mode		
2.3	End user	N/A	Heating schedule additional zone.	[057]=0: Leaving water OR [057]=2: Room	N/A		
2.4	End user	N/A	Cooling schedule additional zone.	[057]=0: Leaving water OR [057]=2: Room	N/A		
2.5	Adv. end user	N/A	Target operation mode during space heating in the additional zone.	[155]=1: Yes	**0: Fixed** 1: Weather-dependent		
2.6	Installer	[060]	Upper limit of the leaving water temperature target during space heating in the additional zone.	[155]=1: Yes	[2.11]=2: Radiator [061]~min([015]-5; 75) step: 1°C **75°C** [2.11]≠2: Radiator [061]~min([015]-5; 55) step: 1°C **55°C**		
2.6	Installer	[061]	Lower limit of the leaving water temperature target during space heating in the additional zone.	[155]=1: Yes	20~[060]°C step: 1°C **20**		
2.6	Installer	[062]	Upper limit of the leaving water temperature target during space cooling in the additional zone.	[155]=1: Yes	[063]~22°C step: 1°C **22**		
2.6	Installer	[063]	Lower limit of the leaving water temperature target during space cooling in the additional zone.	[155]=1: Yes	([014]+4)~[062] step: 1°C **7°C**		
2.7	Adv. end user	N/A	Target operation mode during space cooling in the additional zone.	[155]=1: Yes	**0: Fixed** 1: Weather-dependent		
2.8	End user	N/A	Leaving water temperature weather-dependent curve for space heating in the additional zone.	[155]=1: Yes AND [2.5]=1: Weather-dependent	Ambient range: -40~25°C step: 1°C Leaving water temperature range: [061]~[060]°C step: 1°C		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
2.9	End user	N/A	Leaving water temperature weather-dependent curve for space cooling in the additional zone.	[155]=1: Yes AND [2.7]=1: Weather-dependent	Ambient range: 10~43°C step: 1°C Leaving water temperature range: [063]~[062]°C step: 1°C		
2.10	No	N/A	N/A	N/A	N/A		
2.11	End user	N/A	Heat emitter type selection in the additional zone.	[155]=1: Yes	0: Underfloor heating 1: Heat pump convector **2: Radiator**		
2.12	Installer	[057]	Thermostat mode in the additional zone.	[155]=1: Yes	[041]=0: Leaving water 0: Leaving water [041]≠0:Leaving Water 1: External Room		
2.13	Installer	[146]	Thermostat type in the additional zone.	[155]=1: Yes AND [057]=1: ExternalRoom AND [181]=0: Hardware	0: Dual contact **1: Single contact**		
2.13	Installer	[181]	Setting to determine what the source is for the external thermostat.	[155]=1: Yes AND [057]=1: ExternalRoom	**0: Hardware** 1: External		
2.14	Installer	[171]/[172]	Delta T target during space heating in the additional zone.	[155]=1: Yes	[2.11]=0: Underfloor heating 3~10°C, step: 0.5°C **[171]=5** [2.11]=1: Heat pump convector 3~10°C, step: 0.5°C **[171]=5** [2.11]=2: Radiator 10~20°C, step: 0.5°C **[172]=10**		
2.15	End user	N/A	Leaving water temperature control ON/OFF in the additional zone.	[155]=1: Yes AND [057]=0: Leaving water	**0: Off** 1: On		
2.16	No	N/A	N/A	N/A	N/A		
2.17	Installer	[148]	Delta T target in the additional zone during space cooling.	[155]=1: Yes	3~10°C, step: 0.5°C **5**		
2.18	End user	N/A	Schedule of the temperature shift on the weather-dependent leaving water target for space heating in the additional zone.	[057]=0: Leaving water AND [2.5]=1: Weather-dependent	N/A		
2.19	End user	N/A	Schedule of the temperature shift on the weather-dependent leaving water target for space cooling in the additional zone.	[057]=0: Leaving water AND [2.7]=1: Weather-dependent	N/A		
2.20	Installer	[059]	Allow a temperature shift on leaving water temperature target around freezing point in the additional zone.	[155]=1: Yes	**0: None** 1: Low narrow 2: Low wide 3: High narrow 4: High wide		
2.21	End user	N/A	Name of the additional zone.	[155]=1: Yes	**Additional Zone**		
2.22	End user	N/A	Temperature shift on the weather-dependent leaving water target for space heating in the additional zone.	[155]=1: Yes AND [2.5]=1: Weather-dependent	-10~10°C step:1°C **0**		
2.23	End user	N/A	Temperature shift on the weather-dependent leaving water target for space cooling in the additional zone.	[155]=1: Yes AND [2.7]=1: Weather-dependent	-10~10°C step:1°C **0**		
2.24	No	N/A	N/A	N/A	N/A		
2.25	No	N/A	N/A	N/A	N/A		
2.26	No	N/A	N/A	N/A	N/A		
2.27	End user	N/A	Enable the leaving water target schedule without weather-dependent curve for space cooling in the additional zone.	[057]=0: Leaving water AND [155]=1: Yes	**0: Manual mode** 1: Schedule mode		
2.28	No	N/A	N/A	N/A	N/A		
2.29	No	N/A	N/A	N/A	N/A		
2.30	End user	N/A	Leaving water temperature target during space heating in the additional zone.	[155]=1: Yes AND [2.5]=0: Fixed	[061]~[060]°C step: 1°C		
2.31	End user	N/A	Enable a temperature shift on the weather-dependent leaving water target for space heating in the additional zone.	[155]=1: Yes AND [2.5]=1: Weather-dependent	**0: Manual mode** 1: Schedule mode		
2.32	End user	N/A	Enable a temperature shift on the weather-dependent leaving water target for space cooling in the additional zone.	[155]=1: Yes AND [2.7]=1: Weather-dependent	**0: Manual mode** 1: Schedule mode		
2.33	Installer	[147]	Allows space cooling operation in the additional zone.	[155]=1: Yes	0: No **1: Yes**		
2.34	No	N/A	N/A	N/A	N/A		
2.35	No	N/A	N/A	N/A	N/A		
2.36	End user	N/A	Leaving water temperature target during space cooling in the additional zone.	[155]=1: Yes AND [2.7]=0: Fixed	[063]~[062]°C step: 1°C		
3 Heating/cooling							
3.1	End user	N/A	Below this outdoor temperature, space heating operation is allowed.	Always	14~35°C step:1°C **20**		
3.1	End user	N/A	Above this outdoor temperature, space cooling operation is allowed.	Always	10~35°C step:1°C **18**		
3.2	End user	N/A	Operation mode used during Central Control.	[155]=1: Yes OR [041]≠1: External Room OR ([042]≠0 Dual contact AND [180]≠1 External)	0: Heating 1: Cooling **2: Automatic**		
3.3	No	N/A	N/A	N/A	N/A		

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
3.4	Adv. end user	N/A	Enable the room antifrost functionality.	Always	0: Off **1: On**		
3.5	End user	N/A	Operation mode schedule.	[3.2]=2: Automatic	N/A		
3.6	Installer	[155]	Setting to indicate if an additional zone is present.	Always	**0: No** 1: Yes		
3.7	Installer	[018]	Used to calculate the maximum overshoot on the leaving water temperature during space heating for radiator and heat pump convector.	[1.11]≠0: Underfloor heating or [2.11]≠0: Underfloor heating	1~10°C step:0.5°C **5**		
3.7	Installer	[017]	Used to calculate the maximum overshoot on the leaving water temperature during space heating for underfloor heating.	[1.11]=0: Underfloor heating or [2.11]=0: Underfloor heating	1~7°C step:0.5°C **3**		
3.8	Installer	[007]	Enable the outdoor temperature averaging functionality.	Always	**0: No averaging** 1: 12 hours 2: 24 hours 3: 48 hours 4: 72 hours		
3.9	Installer	[004]	Value used to calculate the maximum undershoot of the leaving water temperature during space cooling.	Always	0~10°C step:0.5°C **5**		
3.10	No	N/A	N/A	N/A	N/A		
3.11	Installer	[014]	Absolute lower limit of the leaving water temperature target during space cooling based on the internal temperature allowance of the Daikin Altherma unit.	Always	3~35°C step:0.5°C **3**		
3.12	Installer	[015]	Absolute upper limit of the leaving water temperature target during space heating based on the internal temperature allowance of the Daikin Altherma unit.	Always	20~80°C step: 1°C **80**		
3.13.1	Installer	[008]	Setting to indicate whether a decoupling vessel is present in the hydraulic system.	Always	**0: Not decoupled** 1: Decoupled		
3.13.2	Installer	[097]	Pump speed of the external pump when flow is requested in the additional zone. Only applicable when field I/O pumps or mixing kit is used.	Always	0~1 step: 0.01 **1**		
3.13.3	Installer	[096]	Pump speed of the external pump when flow is requested in the main zone. Only applicable when field I/O pumps or mixing kit is used.	Always	0~1 step: 0.01 **1**		
3.13.4	Installer	[176]	Mixing kit valve turning time.	Always	20~300 seconds step: 1 second **125**		
3.13.5	Installer	[099]	Setting to indicate the presence of a mixing kit in the hydraulic system.	Always	**0: No** 1: Yes		
3.14	Installer	[158]	Room thermostat present.	Always	**0: No** 1: Yes		
3.15	Installer	[016]	Minimum time the heat pump will be kept on after operation has been started.	Always	480~1800 seconds step: 1 second **540**		
4 Domestic hot water							
4.1	End user	N/A	Domestic hot water operation ON/OFF/ single heat-up triggers.	(*3) [080]=1: Single thermistor or (*4) or (*5)	**0: Off** 1: On		
4.2	No	N/A	N/A	N/A	N/A		
4.3	End user	N/A	Domestic hot water target setpoint for a manual heat-up.	(*3) [080]=1: Single thermistor or (*4) or (*5)	20~[153]°C step: 0.5 **60**		
4.4	End user	N/A	Domestic hot water target setpoint for a powerful heat-up.	(*3) [080]=1: Single thermistor or (*4) or (*5)	20~[153]°C step: 0.5 **60**		
4.5	End user	N/A	Reheat temperature target of the domestic hot water tank scheduled + reheat mode or reheat mode.	[4.7]=0: Reheat or [4.7]=1: Schedule and reheat	(*3)(*4) 20~[153]°C step: 0.5 **45** (*5) 20~[153]°C step: 0.5 **48**		
4.6	End user	N/A	Domestic hot water single heat-up schedule.	(*3) [080]=1: Single thermistor AND [4.7]≠0: Reheat or (*4) AND [4.7]≠0: Reheat	N/A		
4.7	End user	N/A	Domestic hot water heat-up mode setting.	(*3) AND [080]=1: Single thermistor OR (*4)	**0: Reheat** 1: Schedule and reheat 2: Scheduled		
4.8	No	N/A	N/A	N/A	N/A		
4.9	No	N/A	N/A	N/A	N/A		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
4.10	Installer	[074]	Minimum time where the tank temperature must be higher than the disinfection target tank temperature before the disinfection is judged as successful.	(*3) [080]=1: Single thermistor	(*3) 300~3600 seconds step: 1 second **3600** (*4)(*5) 2400~3600 seconds step: 1 second **2400**		
4.10	Installer	[151]	Disinfection operation start time. This should be set as the amount of minutes counting from 00:00 (in minutes).	(*3) [080]=1: Single thermistor or (*4) or (*5)	0~1439 minutes step: 1 minute **60**		
4.10	Installer	[152]	Enable disinfection operation to be executed on a daily basis.	(*3) [080]=1: Single thermistor or (*4) or (*5)	**0: Off** 1: On		
4.10	Installer	[150]	Domestic hot water tank disinfection day (when not all days are selected).	(*3) [080]=1: Single thermistor or (*4) or (*5)	1~7 step:1 **5**		
4.10	Installer	[073]	Disinfection target temperature of the domestic hot water tank.	(*3) [080]=1: Single thermistor or (*4) or (*5)	(*3) 55~[153]°C step: 0.5°C 60 (*4)(*5) 60~[153]°C step: 0.5°C 60		
4.11	Installer	[153]	Maximum allowed domestic hot water tank setpoint.	(*3) [080]=1: Single thermistor or (*4) or (*5)	(*3) [080] =1: Single thermistor AND [098]=0: EKHWS/E 150 l / 1: EKHWS/E 180 l / 6: 3rd party small coil 40~60°C step: 0.5°C **60** (*3) [080]=1: Single thermistor AND [098]=5: EKHWP/HYC with booster heater 40~80°C step: 0.5°C **75** (*3) [080]=1: Single thermistor AND [098]=2: EKHWS/E 200 l / 3: EKHWS/E 250 l / 4: EKHWS/E 300 l / 7: 3rd party big coil 40~75°C step: 0.5°C **75** (*4) 40~65°C step: 0.5°C **65** (*5) 40~75°C step: 0.5°C **75°C** (*7) 40~60°C step: 0.5°C **60°C**		
4.12.1	End user	N/A	Domestic hot water reheat hysteresis for heat losses.	(*3) [080]=1: Single thermistor AND [4.7]≠2: Scheduled or (*4) AND [4.7]≠2: Scheduled or (*5)	1~40°C step: 0.5°C **6**		
4.13	Installer	[149]	Setting to choose the functionality of the external domestic hot water pump.	(*3) [080]=1: Single thermistor or (*4) or (*5)	**0: None** 1: Instant hot water 2: Disinfection 3: Both		
4.14.1	Installer	[173]	Booster heater thermal capacity selection.	(*3) [080]=1: Single thermistor	1~4 kW step: 0.01 kW **3**		
4.14.2	No	N/A	N/A	N/A	N/A		
4.14.3	No	N/A	N/A	N/A	N/A		
4.14.4	Installer	[064]	Offset added on the default target tank temperature in case the booster heater is the only available heat source during a tank heat-up.	(*3) [080]=1: Single thermistor	0~20°C step: 0.5 **5**		
4.15	No	N/A	N/A	N/A	N/A		
4.16	End user	N/A	An additional heat source is allowed to heat up the tank when the heat pump is running in space heating/cooling.	(*3) [080]=1: Single thermistor or [078]=1: Yes	**0: Off** 1: On		

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
4.17	End user	N/A	An additional heat source is immediately allowed to assist the heat pump during tank heat-up operation.	(*3) [080]=1: Single thermistor or (*4) or (*5)	**0: Off** 1: On		
4.18	Installer	[072]	Enable the disinfection functionality.	(*3) [080]=1: Single thermistor or (*4) or (*5)	(*3) **1: ON** (*4) **1: ON** (*5) **0: OFF**		
4.19	Adv. end user	N/A	Reheat trigger temperature of the domestic hot water tank to ensure sufficient energy is present in the tank. This setting is optimised for sufficient comfort.	(*3) [080]=1: Single thermistor AND [4.7]≠2: Scheduled or (*4) AND [4.7]≠2: Scheduled or (*5) AND [4.7]≠2: Scheduled	(*3) 10~85°C step: 0.5 **38** (*4) 10~85°C step: 0.5 **38** (*5) 10~85°C step: 0.5 **40**		
4.20	Installer	[070]	Delay timer of the additional heat source activation when the heat pump is the main source during tank heat-up operation.	(*3) [080]=1: Single thermistor or (*4) or (*5)	(*3) 0~10800 seconds step: 300 second **1200** (*4) 0~10800 seconds step: 300 second **10800** (*5) 0~10800 seconds step: 300 second **1200**		
4.21	No	N/A	N/A	N/A	N/A		
4.22	No	N/A	N/A	N/A	N/A		
4.23	Installer	[064]	Offset added on the default target tank temperature in case the booster heater is the only available heat source during a tank heat-up.	(*3) [080]=1: Single thermistor or [078]=1: Yes	0~20°C step: 0.5 **5**		
4.24	End user	N/A	Enable the domestic hot water reheat setpoint to change according to a schedule.	(*5)	**0: Off** 1: On		
4.25	End user	N/A	Reheat schedule.	(*5)	20~[153]°C step: 0.5 **45**		
4.26	End user	N/A	Domestic hot water pump schedule.	(*3) [080]=1: Single thermistor AND [149]=1 or 3: Instant hot water or both or (*4) [149]=1 or 3: Instant hot water or both or (*5) [149]=1 or 3: Instant hot water or both	N/A		
5 Settings							
5.1	Installer	N/A	Start a forced defrost.	Always	N/A		
5.2	End user	N/A	Quiet mode user.	Always	**0: Off** 1: Auto 2: Manual		
5.2.1	End user	N/A	Quiet level user.	Always	0: Off **1: Quiet** 2: More quiet 3: Most quiet		
5.2.2	Adv. end user	N/A	Schedule of the quiet level for the user.	Always	N/A		
5.2.9	Installer	[138]	Installer overrule of the user-defined time to switch over from Night to Day during quiet mode.	Always	0~1439 minutes step: 1 minute **360**		
5.2.10	Installer	[136]	Installer overrule of the user-defined quiet level during the "Day" period.	Always	**0: Off** 1: Quiet 2: More quiet 3: Most quiet		
5.2.11	Installer	[139]	Installer overrule of the user-defined time to switch over from Day to Night during quiet mode.	Always	0~1439 minutes step: 1 minute **1320**		
5.2.12	Installer	[137]	Installer overrule of the user-defined quiet level during the "Night" period.	Always	**0: Off** 1: Quiet 2: More Quiet 3: Most Quiet		
5.3	End user	N/A	Time/date.	Always	N/A		
5.3	End user	N/A	Daylight saving time.	Always	0: Disabled **1: Enabled**		
5.3	End user	N/A	Clock type.	Always	0: 12h **1: 24h**		
5.4	End user	N/A	Breadcrumbs.	Always	**0: Off** 1: On		
5.5	Installer	[083]	Setting to choose the grid connection type of the heat pump unit.	Always	0: Single-phase **1: Three-phase star** 2: Three-phase delta		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
5.5	Installer	[154]	Setting to indicate if the backup heater fuse in the electrical cabinet is bigger than 10 A.	(*3) [083]= 1: Three-phase star or (*4) [083]= 1: Three-phase star	0: No **1: Yes**		
5.5	Installer	[092]	Maximum capacity of the backup heater.	Always	(*2)/(*5) [083]=0: 2~6 kW: step: 1 kW **6** [083]=2 2~4 kW: step: 1 kW **4** [083]=1 and [154]=0 2~4 kW: step: 1 kW **4** [083]=1 and [154]=1 2~9 kW: step: 1 kW **9** (*1) 2~4.5 kW: step: 0.5 kW **4.5**		
5.6.1	Adv. end user	N/A	Setting to enable the equilibrium (capacity shortage) logic.	Always	0: Never 1: Always **2: Below equilibrium**		
5.6.2	Adv. end user	N/A	Outdoor temperature threshold to allow potential capacity shortage. Below this outdoor temperature, capacity shortage will be possible.	Always	-15~35°C step: 1°C **0**		
5.7	Installer	N/A	Overview field settings.	Always	N/A		
5.8	No	N/A	N/A	N/A	N/A		
5.9	End user	N/A	Country.	Always	0: Albania / 1: Austria **2: Belgium** / 3: Bosnia 4: Bulgaria / 5: Croatia 6: Cyprus / 7: Czech Republic 8: Denmark / 9: Estonia 10: Finland / 11: France 12: Germany / 13: Greece 14: Hungary / 15: Iceland 16: Ireland / 17: Turkey 18: Italy / 19: Latvia 20: Liechtenstein / 21: Lithuania 22: Luxembourg / 23: Macedonia 24: Malta / 25: Moldava 26: Montenegro / 27: Netherlands 28: Norway / 29: Poland 30: Portugal / 31: Romania 32: Serbia / 33: Slovakia 34: Slovenia / 35: Spain 36: Sweden / 37: United Kingdom 38: Switzerland		
5.9	End user	N/A	Language.	Always	0: Albanian / 1: Belarusian 2: Bosnian / 3: Bulgarian 4: Croatian / 5: Czech 6: Danish / 7: Dutch **8: English** / 9: Estonian 10: Finnish / 11: French 12: German / 13: Greek 14: Hungarian / 15: Italian 16: Latvian / 17: Lithuanian 18: Macedonian / 19: Norwegian 20: Polish / 21: Portuguese 22: Romanian / 23: Russian 24: Serbian / 25: Slovak 26: Slovenian / 27: Spanish 28: Swedish / 29: Turkish 30: Ukrainian		
5.10	No	N/A	N/A	N/A	N/A		
5.11	Installer	N/A	Trigger to reset the FAN operating hours.	Always	N/A		
5.12	End user	N/A	Keyboard layout.	Always	**0: QWERTY** 1: AZERTY		
5.13	End user	N/A	User setting to enable more advanced settings.	Always	**0: No** 1: Yes		
5.14.1	Installer	[012]	Defines whether the capacity of the installed tank boiler is sufficient to cover the complete load of the house. If so, it can become the main heat source.	[078]=1: Yes	0: Off **1: On**		
5.14.2	Installer	[023]	The upper outdoor temperature limit of the changeover point from heat pump to bivalent/tank boiler.	[093]=1: Yes or [078]=1: Yes	max([024]+2; -25)~25°C step:1°C **5**		
5.14.2	Installer	[024]	The lower outdoor temperature limit of the changeover point from heat pump to bivalent/tank boiler.	[093]=1: Yes or [078]=1: Yes	-25~25°C step:1°C **0**		
5.14.4	Installer	[021]	Hysteresis on the outdoor temperature for the changeover from heat pump to bivalent/tank boiler.	[093]=1: Yes or [078]=1: Yes	2~10°C step:1°C **3**		
5.14.6	Installer	[025]	Minimum time the bivalent boiler pump in space heating stays on after the request has disappeared.	[093] =1: Yes	0~1500 seconds step: 1 second **600**		
5.15	No	N/A	N/A	N/A	N/A		
5.16	No	N/A	N/A	N/A	N/A		
5.17	End user	N/A	Display screen brightness.	Always	30~100% step: 1% **70**		

(*1) *4V*_(*2) *9W*_
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(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
5.18	Installer	N/A	Trigger to (software) restart the indoor unit.	Always	N/A		
5.19	Installer	[196]	Diverter valve selection.	(*4)	1: YJS Profile 1 2: Danfoss Profile 1		
5.20	No	N/A	N/A	N/A	N/A		
5.21.1	Adv. end user	N/A	Enable tank support during defrost to compensate for the space heating demand.	(*5)	**0: Disabled** 1: Optimized 2: Continuous		
5.21.2	Installer	[002]	Enable the domestic hot water tank to be proactively preheated to allow a tank defrost.	[078]=1: Yes	**0: Off** 1: On		
5.21.3	End user	N/A	Allow the domestic hot water tank to support the space heating operation by adding capacity to the space heating circuit.	(*5)	**0: Off** 1: On		
5.21.4	Installer	[188]	Overall installer setting to limit the tank boiler support.	[078]=1: Yes	4~35 kW: step: 1 kW **10**		
5.21.5	Installer	[184]	Setting to enable the free energy functionality of the tank.	(*5)	**0: Off** 1: On		
5.21.6	Installer	[187]	Overall installer setting to limit the tank support during the free energy functionality.	[185]=1: Yes	2~35 kW: step: 1 kW **10**		
5.21.7	Installer	[182]	Setting to allow the free energy to be used as main source for space heating operation.	[184]=1: Yes	0: Always 1: AboveAmbient **2: Never**		
5.21.8	Installer	[183]	Ambient temperature that allows the excess energy in the tank to be drained for space heating.	(*5)	-28~35°C step:0,5°C **8**		
5.21.9	Installer	[185]	The solar system is installed on the tank.	(*5)	**0: Off** 1: On		
5.21.10	Installer	[186]	The installed solar system has priority over other heat sources.	[185]=1: Yes	**0: Off** 1: On		
5.22	Installer	[175]	Offset on the external outdoor temperature sensor.	[13]=1: External outdoor sensor	-5~5°C step: 0.5°C **0**		
5.23	End user	N/A	Emergency mode selection.	Always	0: Manual 1: Auto 2: Auto space heating reduced + DHW on **3: Auto space heating reduced + DHW off** 4: Auto space heating normal + DHW off		
5.24	No	N/A	N/A	N/A	N/A		
5.25	No	N/A	N/A	N/A	N/A		
5.26	End user	N/A	Display inactivity timer.	Always	**0: No** 1: Yes		
5.27.1	Adv. end user	N/A	Enable the holiday mode.	Always	**0: No** 1: Yes		
5.27.2	Adv. end user	N/A	Holiday period.	Always	N/A		
5.28.1	Installer	[140]	Enable the space heating priority functionality.	(*3) [080]=1: Single thermistor or (*4) or (*5)	**0: No** 1: Yes		
5.28.2	Installer	[019]	Below this outdoor temperature, the space heating priority function is activated (if enabled).	(*3) [080]=1: Single thermistor or (*4) or (*5)	-15~35°C step:1°C **0**		
5.28.2	Installer	[020]	Outdoor temperature where the space cooling operation timer is at its maximum value.	(*3) [080]=1: Single thermistor or (*4) or (*5)	20~50°C step:1°C **35**		
5.28.3	Installer	[131]	Time that heat pump is reserved for space heating operation during balancing. Balancing = simultaneous requests for space heating and tank heat-up.	(*3) [080]=1: Single thermistor or (*4) or (*5)	1800~36000 seconds step: 60 seconds **3600**		
5.28.4	Installer	[132]	Time that heat pump is reserved for space cooling operation during balancing. Balancing = simultaneous requests for space cooling and tank heat-up.	(*3) [080]=1: Single thermistor or (*4) or (*5)	1800~36000 seconds step: 60 seconds **3600**		
5.28.5	Installer	[133]	Time that heat pump is reserved for tank heat-up operation during balancing (lower limit). Balancing = simultaneous requests for space heating/cooling and tank heat-up.	(*3) [080]=1: Single thermistor or (*4) or (*5)	900~18000 seconds step: 60 seconds **2700**		
5.28.5	Installer	[134]	Time that heat pump is reserved for tank heat-up operation during balancing (upper limit). Balancing = simultaneous requests for space heating/cooling and tank heat-up.	(*3) [080]=1: Single thermistor or (*4) or (*5)	900~18000 seconds step: 60 seconds **7500**		

(*1) *4V*_(*2) *9W*_
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(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
5.29	Installer	N/A	Refrigerant recovery mode.	Always	N/A		
5.30	End user	N/A	Emergency acknowledgement.	Only in case there is an emergency request	N/A		
5.31	No	N/A	N/A	N/A	N/A		
5.32	Installer	[078]	Setting to indicate when a tank boiler is present and can become active.	(*6) and [093]=0: No	**0: No** 1: Yes		
5.33	No	N/A	N/A	N/A	N/A		
5.34	No	N/A	N/A	N/A	N/A		
5.35	No	N/A	N/A	N/A	N/A		
5.36	Installer	[005]	Water pipe freeze prevention mode setting.	Always	0: Disabled **1: Continuous** 2: Intermittent		
5.37	Installer	[093]	The additional boiler kit for space heating is installed and allowed to operate.	[078]=0: No	**0: No** 1: Yes		
7 Maintenance mode							
7.7.1	Installer	[030]	Delta T target during a space heating test run.	Always	2~20°C step: 0.5°C **5**		
7.7.2	Installer	[031]	Leaving water temperature target during a space heating test run.	Always	5~71°C step:1°C **35**		
7.7.3	Installer	[032]	Overwritten target room temperature used during a space heating test run.	Always	5~30°C step: 0.5°C **20**		
7.7.4	Installer	[033]	Delta T target during a space cooling test run.	Always	2~10°C step:0.5°C **5**		
7.7.5	Installer	[034]	Leaving water temperature target during a space cooling test run.	Always	5~30°C step: 1°C **15**		
7.7.6	Installer	[035]	Overwritten room temperature used during a space cooling test run.	Always	5~30°C step: 0.5°C **20**		
7.7.7	Installer	[077]	Tank target temperature during a tank heat-up test run.	Always	20~85°C step: 0.5°C **50**		
7.7.8	Installer	[094]	Pump PWM target (low). Only used during actuator test run and air purge test run.	Always	0.1~1 step: 0.1 **1**		
7.7.8	Installer	[095]	Pump PWM target (high). Only used during actuator test run and air purge test run.	Always	0.1~1 step: 0.1 **0.5**		
7.7.9	Installer	[145]	Tank temperature target during a booster heater test run.	(*3) [080]=1: Single thermistor	25~60°C step: 0.5°C **50**		
8 Connectivity							
8.1	End user	N/A	When DHCP is set off, one can modify the IP configuration.	Always	N/A		
8.2.1 - 8.2.12	No	N/A	Connection status overview of connected peripherals.	Always	Depending on the component.		
8.3.1	End user	N/A	Wireless gateway (WLAN dongle) present setting.	Always	**0: No** 1: Yes		
8.3.2	End user	N/A	Enable AP mode to connect the WLAN dongle to the local home network.	[8.2.9]=1: Connected (A DX WLAN dongle should be connected to the unit)	**0: Disable** 1: Enable 2: In progress		
8.3.3	End user	N/A	Trigger to reboot the wireless gateway.	[8.2.9]=1: Connected (A DX WLAN dongle should be connected to the unit)	**0: Remain** 1: Reset		
8.3.4	End user	N/A	Enable the WPS functionality of the wireless gateway.	[8.2.9]=1: Connected (A DX WLAN dongle should be connected to the unit)	**0: Disable** 1: Enable 2: In progress		
8.3.5	No	N/A	N/A	N/A	N/A		
8.3.7	End user	N/A	Trigger to reset the WLAN dongle to factory default (forget all network data).	[8.2.9]=1: Connected (A DX WLAN dongle should be connected to the unit) And the DX WLAN has recent firmware to support this function.	**0: Remain** 1: Reset		
8.4.1	End user	N/A	Current assigned IP address.	Always	N/A		
8.4.2	End user	N/A	Current assigned subnet mask.	Always	N/A		
8.4.3	End user	N/A	Current assigned default gateway address.	Always	N/A		
8.4.4	End user	N/A	Current assigned DNS 1 address.	Always	N/A		
8.4.5	End user	N/A	Current assigned DNS 2 address.	Always	N/A		
8.4.6	End user	N/A	Unit LAN MAC/UEI address.	Always	N/A		
8.5.1	End user	N/A	Enable Daikin Home Controls.	Always	**0: Off** 1: On		
8.5.2	End user	N/A	Dehumidifier present setting (after being installed).	Always	**0: Off** 1: On		
8.5.3	End user	N/A	Dew sensor present setting (after being installed).	[8.5.2]=1 : On	**0: No** 1: Normally open 2: Normally closed		
8.5.4	End user	N/A	Humidity limit.	[8.5.2]=1 : On	40~80% step: 1% **55**		
8.5.5	End user	N/A	Humidity limit when dew sensor is not installed.	[8.5.2]=1 : On AND [8.5.3]=0 : No	41~80% step: 1% **70**		
8.6	No	N/A	Safe USB removal request before unplugging the USB.	When one or more USB ports are actively used.	**0: No** 1: Yes		
8.7	End user	N/A	Enable Modbus TCP/IP non-TLS (port 502).	Always	**0: No** 1: Yes		
8.8	End user	N/A	Enable Modbus TCP/IP TLS (port 802).	Always	**0: No** 1: Yes		
8.9	No	N/A	Remove the current connection interface (WLAN/LAN) from the cloud.	[8.11]= 1 : WLAN OR [8.11]=2 : LAN	N/A		
8.10	No	N/A	Connect unit to the cloud.	WLAN or LAN is not yet connected.	N/A		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
8.11	Installer	N/A	Select connection type to the cloud.	Always	0: None **1: WLAN** 2: LAN		
9 Energy							
9.1	Adv. end user	N/A	Fixed electricity price chosen by the user when the electricity price is not changed via a schedule.	[9.3]=0: Off	1~5000 euro cents/kWh step: 1 cent **15**		
9.2	Adv. end user	N/A	Baseline electricity price.	[9.3]=1: On	1~5000 euro cents/kWh step: 1 cent **5**		
9.3	Adv. end user	N/A	Enable the electricity price to change according a schedule.	[093]=1: Yes or [078]=1: Yes	**0: Off** 1: On		
9.4	Adv. end user	N/A	Electricity price schedule.	[9.3]=1: On	N/A		
9.5	Adv. end user	N/A	Fossil price.	[093]=1: Yes or [078]=1: Yes	1~5000 euro cents/kWh step: 1 cent **10**		
9.6	No	N/A	N/A	N/A	N/A		
9.7	No	N/A	N/A	N/A	N/A		
9.8	No	N/A	N/A	N/A	N/A		
9.9	No	N/A	Legal disclaimer.	N/A	N/A		
9.10	No	N/A	N/A	N/A	N/A		
9.11	Installer	[026]	Efficiency of the boiler.	[093]=1: Yes or [078]=1: Yes	0.1~1 step: 0.01 **0.9**		
9.12	Installer	[141]	The target COP used in the efficiency calculation of the tank boiler.	[093]=1: Yes or [078]=1: Yes	0~6 step:0.1 **2.5**		
9.13	Adv. end user	N/A	Enable the switch-over point between heat pump and bivalent to be based on COP caluculation taking into account the current energy price.	[093]=1: Yes or [078]=1: Yes	**0: No** 1: Yes		
9.14.1	Installer	[040]	Demand response mode setting.	Always	**0: None** 1: Heat pump tariff 2: Smart Grid ready contacts 3: Smart meter contact		
9.14.1	Installer	[179]	Setting to determine what the source is for the demand response mode setting.	[040]=2: Smart Grid ready contacts	**0: Hardware** 1: External		
9.14.2	Installer	[037]	Setting to allow another heat source to take over space heating operation during demand response mode = forced off.	[040]=1: Heat pump tariff or [040]=2: Smart Grid ready contacts	**0: No take-over** 1: Fossil take-over ([093]=1: Yes or [078]=1: Yes) 2: Heater take-over		
9.14.3	Installer	[071]	Allow another heat source to take over the tank heat-up operation during demand response mode = forced off.	[040]=1: Heat pump tariff or [040]=2: Smart Grid ready contacts	**0: No take-over** 1: Fossil take-over ([078]=1: Yes) 2: Heater take-over 3: Only booster heater take-over (*3)		
9.14.4	Installer	[036]	Buffering is allowed during space heating.	[040]=2: Smart Grid ready contacts	0: Off **1: On**		
9.14.5	Installer	[038]	Electrical heat sources are allowed to operate during space heating buffering.	[040]=2: Smart Grid ready contacts	0: No **1: Yes**		
9.14.6	Installer	[039]	Electrical heat sources are allowed to operate during tank buffering.	[040]=2: Smart Grid ready contacts	0: No **1: Yes**		
9.14.7	Installer	[135]	Applicable power limit during demand response smart meter contact.	[040]=3: Smart meter contact	2~20 kW step: 0.1 kW **4.2**		
9.15.1	Installer	N/A	Enable legal limit.	[5.9]=36: Sweden	**0: Off** 1: On		
9.15.2	Installer	[190]	Legal limit.	[5.9]=36: Sweden	Outdoor unit type dependent~30 kW step: 0.1 kW **30**		
9.15.3	Installer	[189]	System limit.	Always	Outdoor unit type dependent~30 kW step: 0.1 kW **30**		
9.15.4	Installer	[191]	Outdoor unit fuse limit.	Outdoor unit type dependent	Outdoor unit type dependent~63 A step: 1 A **50**		
10 Configuration wizard							
10.1	End user	N/A	Country.	Always	0: Albania / 1: Austria **2: Belgium** / 3: Bosnia 4: Bulgaria / 5: Croatia 6: Cyprus / 7: Czech Republic 8: Denmark / 9: Estonia 10: Finland / 11: France 12: Germany / 13: Greece 14: Hungary / 15: Iceland 16: Ireland / 17: Turkey 18: Italy / 19: Latvia 20: Liechtenstein / 21: Lithuania 22: Luxembourg / 23: Macedonia 24: Malta / 25: Moldava 26: Montenegro / 27: Netherlands 28: Norway / 29: Poland 30: Portugal / 31: Romania 32: Serbia / 33: Slovakia 34: Slovenia / 35: Spain 36: Sweden / 37: United Kingdom 38: Switzerland		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
10.1	End user	N/A	Language.	Always	0: Albanian / 1: Belarusian 2: Bosnian / 3: Bulgarian 4: Croatian / 5: Czech 6: Danish / 7: Dutch **8: English** / 9: Estonian 10: Finnish / 11: French 12: German / 13: Greek 14: Hungarian / 15: Italian 16: Latvian / 17: Lithuanian 18: Macedonian / 19: Norwegian 20: Polish / 21: Portuguese 22: Romanian / 23: Russian 24: Serbian / 25: Slovak 26: Slovenian / 27: Spanish 28: Swedish / 29: Turkish 30: Ukrainian		
10.2	No	N/A	N/A	N/A	N/A		
10.3	End user	N/A	Time/date.	Always	N/A		
10.3	End user	N/A	Daylight saving time.	Always	0: Disabled **1: Enabled**		
10.4	Installer	[098]	Selection of the non-integrated domestic hot water tank connected to the wall-mounted unit.	(*3) [080]=1: Single thermistor	**0: EKHWS/E 150 l** 1: EKHWS/E 180 l 2: EKHWS/E 200 l 3: EKHWS/E 250 l 4: EKHWS/E 300 l 5: EKHWP/HYC with booster heater 6: 3rd party small coil 7: 3rd party big coil		
10.4	Installer	[155]	Setting to indicate if an additional zone is present.	Always	**0: No** 1: Yes		
10.4	Installer	[080]	This setting indicates if there is a tank connected.	(*3)	**0: None** 1: Single thermistor		
10.4	Installer	[093]	The additional boiler kit for space heating is installed and allowed to operate.	[078]=0: No	**0: No** 1: Yes		
10.5	Installer	N/A	Field IO terminal selection for the 3-way valve.	(*3) [080]=1: Single thermistor	Refer to menu [13] Field IO.		
10.5	Installer	N/A	Field IO terminal selection for the bivalent bypass valve.	[093]=1: Yes	Refer to menu [13] Field IO.		
10.6	Installer	[012]	Defines whether the capacity of the installed tank boiler is sufficient to cover the complete load of the house. If so, it can become the main heat source.	[078]=1: Yes	0: Off **1: On**		
10.6	Installer	[078]	Setting to indicate when a tank boiler is present and can become active.	(*6) and [093]=0: No	**0: No** 1: Yes		
10.6	Installer	[011]	Maximum deliverable thermal capacity in the space heating circuit by the domestic hot water tank during tank support.	(*5)	4~35 kW step: 1 kW **20**		
10.7	End user	N/A	Emergency mode selection.	Always	0: Manual 1: Auto 2: Auto space heating reduced + DHW on **3: Auto space heating reduced + DHW off** 4: Auto space heating normal + DHW off		
10.8	Installer	[083]	Setting to choose the grid connection type of the heat pump unit.	Always	0: Single-phase **1: Three-phase star** 2: Three-phase delta		
10.8	Installer	[154]	Setting to indicate if the backup heater fuse in the electrical cabinet is bigger than 10 A.	(*3) [083]= 1: Three-phase star or (*4) [083]= 1: Three-phase star	0: No **1: Yes**		
10.8	Installer	[092]	Maximum capacity of the backup heater.	Always	(*2)/(*5) [083]=0: 2~6 kW: step: 1 kW **6** [083]=2 2~4 kW: step: 1 kW **4** [083]=1 and [154]=0 2~4 kW: step: 1 kW **4** [083]=1 and [154]=1 2~9 kW: step: 1 kW **9** (*1) 2~4.5 kW: step: 0.5 kW **4.5**		
10.9	End user	N/A	Heat emitter type selection in the main zone.	Always	0: Underfloor heating 1: Heat pump convector **2: Radiator**		
10.9	Installer	[041]	Thermostat mode in the main zone.	Always	**0: Leaving water** 1: External room 2: Room		
10.10	Adv. end user	N/A	Leaving water control mode during space heating in the main zone.	Always	**0: Fixed** 1: Weather-dependent		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
10.10	Adv. end user	N/A	Leaving water control mode during space cooling in the main zone.	[10.9]=0: Underfloor heating or [10.9]=1: Heat pump convector	**0: Fixed** 1: Weather-dependent		
10.11	End user	N/A	Leaving water temperature weather-dependent curve for space heating in the main zone.	[10.10]=1: Weather-dependent	Ambient range: -40~25°C step: 1°C Leaving water temperature range: [054]~[053]°C step: 1°C		
10.12	End user	N/A	Leaving water temperature weather-dependent curve for space cooling in the main zone.	[10.10]=1: Weather-dependent	Ambient range: 10~43°C step: 1°C Leaving water temperature range: [056]~[055]°C step: 1°C		
10.13	Installer	[057]	Thermostat mode in the additional zone.	[155]=1: Yes	[41]=0: Leaving water 0: Leaving water [41]≠0: Leaving water 1: External room		
10.13	End user	N/A	Heat emitter type selection in the additional zone.	[155]=1: Yes	0: Underfloor heating 1: Heat pump convector **2: Radiator**		
10.14	Adv. end user	N/A	Target operation mode during space heating in the additional zone.	[155]=1: Yes	**0: Fixed** 1: Weather-dependent		
10.14	Adv. end user	N/A	Target operation mode during space cooling in the additional zone.	[155]=1: Yes AND [10.13]=0: Underfloor heating or [10.13]=1: Heat pump convector	**0: Fixed** 1: Weather-dependent		
10.15	End user	N/A	Leaving water temperature weather-dependent curve for space heating in the additional zone (leaving water temperature limits).	[155]=1: Yes AND [10.14]=1: Weather-dependent	Ambient range: -40~25°C step: 1°C Leaving water temperature range: [061]~[060]°C step: 1°C		
10.16	End user	N/A	Leaving water temperature weather-dependent curve for space cooling in the additional zone (leaving water temperature limits).	[155]=1: Yes AND [10.14]=1: Weather-dependent	Ambient range: 10~43°C step: 1°C Leaving water temperature range: [063]~[062]°C step: 1°C		
10.17	End user	N/A	Domestic hot water heat-up mode setting.	(*3) AND [080]=1: Single thermistor OR (*4)	**0: Reheat** 1: Schedule and reheat 2: Scheduled		
10.18	End user	N/A	Reheat temperature target of the domestic hot water tank scheduled + reheat mode or reheat mode.	[4.7]=0: Reheat or [4.7]=1: Schedule and reheat	(*3)(*4) 20~[153]°C step: 0.5 **45** (*5) 20~[153]°C step: 0.5 **48**		
10.18	End user	N/A	Domestic hot water reheat hysteresis for heat losses.	(*3) [080]=1: Single thermistor AND [4.7]≠2: Scheduled or (*4) AND [4.7]≠2: Scheduled or (*5) AND [4.7]≠2: Scheduled	1~40°C step: 0.5°C **6**		
13 Field IO							
13.1 / 13.2 / 13.5	Installer	[100]	(*3)(*4): Terminal X42M 9-10-11 (*5): Terminal X43M 7-8-9	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 8: 3-way valve (*3) 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not connected (*5)** **1: Main zone shut-off valve (*3)(*4)** 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal 8: 3-way valve 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.2 / 13.3 / 13.4	Installer	[101]	(*4): Terminal X42M 25-26 (*3): Terminal X43M 7-8 (*5): Terminal X42M 13-14	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not connected** 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.2 / 13.3 / 13.4	Installer	[124]	NO/NC	1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve	**0: NO** 1: NC		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
13.2 / 13.3 / 13.4	Installer	[103]	(*4): Terminal X42M 27-28 (*3): Terminal X43M 9-10 (*5): Terminal X42M 15-16	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not connected** 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.2 / 13.3 / 13.4	Installer	[104]	NO/NC	1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve	**0: NO** 1: NC		
13.2 / 13.3 / 13.4	Installer	[105]	(*3)(*4): Terminal X42M 15-16 (*5): Terminal X43M 13-14	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 5: Booster heater (*3) 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not connected (*4)(*5)** 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source **5: Booster heater (*3)** 6: Cooling/Heating mode 7: DHW on signal 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.1 / 13.2 / 13.5	Installer	[106]	NO/NC	1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve	**0: NO** 1: NC		
13.1 / 13.2 / 13.5	Installer	[107]	(*3)(*4): Terminal X42M 17-18 (*5): Terminal X43M 15-16	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not Connected (*5)** 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source **6: Cooling/Heating mode (*3)(*4)** 7: DHW on signal 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.1 / 13.2 / 13.5	Installer	[108]	NO/NC	1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve	**0: NO** 1: NC		
13.2 / 13.3 / 13.4	Installer	[109]	(*4): Terminal X42M 23-24 (*3): Terminal X43M 5-6 (*5): Terminal X42M 11-12	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not connected (*5)** 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal 9: Bivalent bypass valve **10: DHW pump (*3)(*4)** 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.2 / 13.3 / 13.4	Installer	[110]	NO/NC	1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 9: Bivalent bypass valve	**0: NO** 1: NC		
13.1 / 13.2 / 13.5	Installer	[111]	(*3)(*4): Terminal X42M 12-13-14 (*5): Terminal X43M 10-11-12	0: Not connected 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal (*4)(*5) 8: 3-way valve (*3) 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.	**0: Not connected (*4)(*5)** 1: Main zone shut-off valve 2: Add. zone shut-off valve 3: Alarm 4: External heat source 6: Cooling/Heating mode 7: DHW on signal **8: 3-way valve (*3)** 9: Bivalent bypass valve 10: DHW pump 11: C/H secondary pump 12: C/H pump ext. main 13: C/H pump ext. add.		
13.6	Installer	[112]	(*3)(*4): Terminal X44M 1-2	(*3)(*4) 0: Not connected 1: External outdoor sensor 2: External indoor sensor	**0: Not connected** 1: External outdoor sensor 2: External indoor sensor		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*

Field settings table						Installer setting at variance with default value	
Breadcrumb	Setting type	code	Setting description	Applicable when	Range / step / **default value**	Date	Value
13.7 / 13.8	Installer	[114]	Terminal X45M 3-4	0: Not connected 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input 13: Smart meter contact	**0: Not connected** 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input (*3)(*5) 13: Smart meter contact		
13.7 / 13.8	Installer	[115]	NO/NC	0: Not connected 5: HP tariff contact 9: Safety thermostat unit 13: Smart meter contact	**0: NO** 1: NC		
13.7 / 13.8	Installer	[116]	Terminal X45M 5-6	0: Not connected 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input 13: Smart meter contact	**0: Not Connected** 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input (*3)(*5) 13: Smart meter contact		
13.7 / 13.8	Installer	[117]	NO/NC	0: Not connected 5: HP tariff contact 9: Safety thermostat unit 13: Smart meter contact	**0:NO** 1: NC		
13.7 / 13.8	Installer	[118]	Terminal X45M 7-8	0: Not connected 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input 13: Smart meter contact	**0: Not connected** 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input (*3)(*5) 13: Smart meter contact		
13.7 / 13.8	Installer	[119]	NO/NC	0: Not connected 5: HP tariff contact 9: Safety thermostat unit 13: Smart meter contact	**0: NO** 1: NC		
13.7 / 13.8	Installer	[120]	Terminal X45M 9-10	0: Not connected 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input 13: Smart meter contact	**0: Not Connected** 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input (*3)(*5) 13: Smart meter contact		
13.7 / 13.8	Installer	[121]	NO/NC	0: Not connected 5: HP tariff contact 9: Safety thermostat unit 13: Smart meter contact	**0: NO** 1: NC		
13.7 / 13.8	Installer	[122]	Terminal X45M 1-2	0: Not connected 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input 13: Smart meter contact	**0: Not connected** 3: HV/LV Smart Grid contact 1 4: HV/LV Smart Grid contact 2 5: HP tariff contact 9: Safety thermostat unit 12: Solar input (*3)(*5) 13: Smart meter contact		
13.7	Installer	[123]	NO/NC	0: Not connected 5: HP tariff contact 9: Safety thermostat unit 13: Smart meter contact	**0: NO** 1: NC		

(*1) *4V*_(*2) *9W*_
(*3) EPB*_(*4) EPV*_(*5) EPSX*_(*6) EPSXB*_
(*7) *SU*