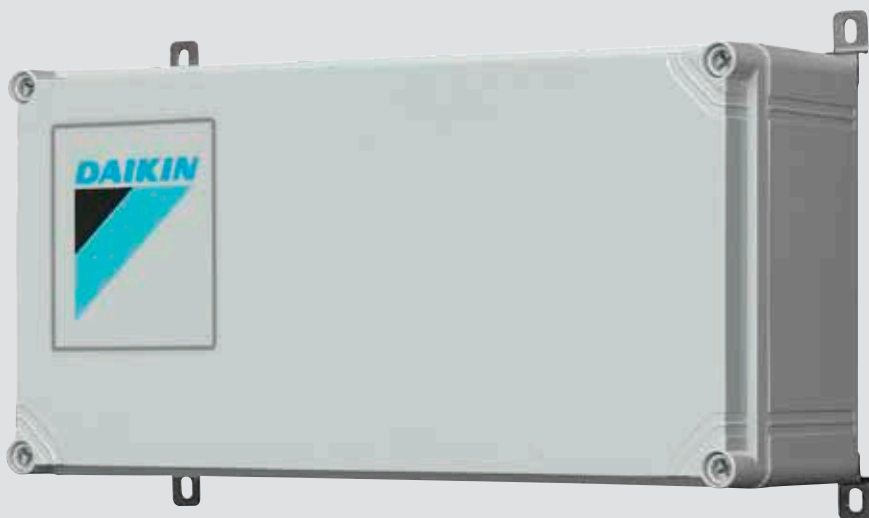


Air handling applications

EKEQ/EKEXV



Expansion valve and control box to connect ERQ or VRV DX units to air handling units

- › Wide range of units offers maximum application potential and flexible control options
- › Wide offer in control possibilities: control w: Off the shelf control of air temperature via any DDC controller; control x: Precise control of air temperature requiring a preprogrammed DDC controller (for special applications); control y: Control of refrigerant temperature via Daikin control (no DDC controller needed); control z: Control of air temperature via Daikin control (no DDC controller needed)
- › Control box and expansion valve kit are required for each combination plus an air handling unit
- › Both option kits are designed for indoor and outdoor installation and can be wall mounted.

EKEQ/EKEXV



EKEQ/EKEXV

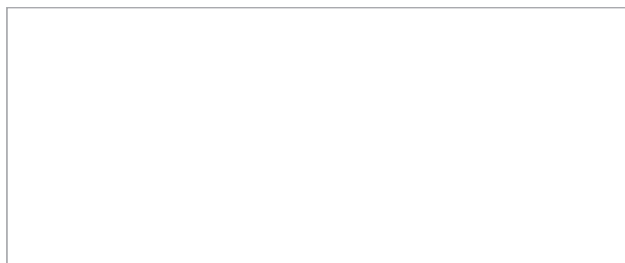
| Ventilation | | EKEQ | FCBA | DCB | MCBA |
|----------------------|-------------------------|--------------------|----------|-----|-----------|
| Application | | | Pair | | Multi |
| Outdoor unit | | | ERQ /VRV | ERQ | VRV |
| Dimensions | Unit | HeightxWidthxDepth | mm | | |
| Weight | Unit | kg | | | |
| Casing | Material | | | | Resin |
| Sound pressure level | Nom. | | | | dBA |
| Operation range | Cooling | Min./Max. | °CDB | | |
| | Heating | Min./Max. | °CWB | | |
| Power supply | Phase/Frequency/Voltage | Hz/V | | | 1~/50/230 |

Note: The combination of EKEQFCBA and ERQ is in pair application. The EKEQFCBA can be connected to some VRV outdoor units with a maximum of 3 control boxes. The combination with DX indoor units, hydroboxes, RA indoor units, ... is not allowed

| Ventilation | | EKEXV | 50 | 63 | 80 | 100 | 125 | 140 | 200 | 250 | 400 | 500 |
|----------------------|----------|--------------------|------|------|----|-----|-----|-----|-----|------|-----|------|
| Dimensions | Unit | HeightxWidthxDepth | mm | | | | | | | | | |
| Weight | Unit | kg | | | | | | | | | | |
| Casing | Material | Metal | | | | | | | | | | |
| Sound pressure level | Nom. | dBA | | | | | | | | | | |
| Operation range | Cooling | Min./Max. | °CDB | | | | | | | | | |
| | Heating | Min./Max. | °CWB | | | | | | | | | |
| On coil temperature | Heating | Min. | °CDB | | | | | | | | | |
| | Cooling | Max. | °CDB | | | | | | | | | |
| Piping connections | Liquid | OD | 6.35 | 9.52 | | | | | | 12.7 | | 15.9 |
| | Gas | OD | 6.35 | 9.52 | | | | | | | | |
| Piping length | System | Chargeless | m | | | | | | | | | |

Note: The temperature of the air entering the coil in heating mode can be reduced to -5°CDB. Contact your local dealer for more information.

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