TOSHIBA



TEMPERATURE-CONTROLLED EXHAUST AIR

Exhaust air valve kit NEXT

Highlights

Highly efficient connection of third-party heat exchangers
Compatible with all Digital Inverter, Super Digital Inverter, and BIG Digital Inverter outdoor units
Suitable for ventilation systems & air curtains

Valve kit for exhaust temperature control for integrating external DX heat exchangers into ventilation systems. For combination with Digital Inverter, Super Digital Inverter, and BIG Digital Inverter outdoor units, for refrigerant R410A. Controls the heating and cooling operation via the room and/or exhaust air temperature.

Performance

- Connection-ready, plug & play kit
- Heating and cooling function for on-site AHUs
- Connection of air curtains possible

Flexibility

- Optional analog interface available
- Optional control via Modbus possible
- Control range of rated capacity 30 to 100%

Technical details

- Heating capacities up to 31.5 kW are possible, depending on the outdoor unit
- External DX registers are designed in the counter-current principle for R410A
- Optimal evaporating temperature (cooling) +6.5°C
- Optimal condensation temperature (heating) +52°C
- Air supply application limits (cooling) +15°C(wb)/+18°C(db) to +24°C(wb)/+32°C(db)
- Air supply application limits (heating) +15°C(db) to +28°C(db)
- Control unit contains all sensors with fixing material
- Standard external ON/OFF available
- Standard operating and malfunction notification available
- Cannot be used to generate cold or hot water
- Supply air temperature regulation/min. limit not possible
- Cable remote control required for commissioning

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Technical data			TCB-IFDLR01UP-E
Cooling capacity	kW	❄	3,00 - 27,00
Heating capacity	kW	☀	4,50 - 31,50
Airflow	m³/h		450/5040
Refrigerant			R32
Power supply	V/Ph+N/Hz		220-240/1+N/50
Dimensions (HxWxD)	mm		420 x 330 x 122
Weight	kg		4,1
Protection class			IP65

❄ Cooling ☀ Heating

The measuring conditions for this product can be found at https://www.toshiba-aircondition.com/en/measuring-conditions.html

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