TOSHIBA

External power control

Valve kit 0–10 V

Highlights

Highly efficient connection of third-party heat exchangers
Compatible with all Digital Inverter, Super Digital Inverter, and BIG Digital Inverter outdoor units
0-10 V power control

R410A R32

Valve kit for power 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 heating or cooling operation via a 0-10 V signal from the ventilation control as per the power requirement.

Performance

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

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) +7.0°C
- Optimal condensation temperature (heating) +44°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

TOSHIBA

Valve kit 0–10 V

Technical data			RBC-DXC031
Cooling capacity	kW	❄	0,90 - 27,00
Outdoor temperature operating range (min.-max.)	°C	❄	Air on +15(WB), +18(DB) / +24(WB), +32(DB)
Heating capacity	kW	☀	0,80 - 31,50
Outdoor temperature operating range (min.-max.)	°C	☀	Air on +12(DB) / +28(DB)
Airflow	m^3/h		570/4200
Refrigerant			R410A
Power supply	V/Ph+N/Hz		220-240/1N/50
Dimensions (HxWxD)	mm		400 x 300 x 150
Weight	kg		8
Protection class			IP65

❄ Cooling ☀ Heating

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

In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:

R410A: Used refrigerant: R410A.

R32: Used refrigerant: R32.