



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



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 |
| Communication line | | | H07RN-F 4G1,5 |
| Refrigerant | | | R410A |
| Power supply | V/Ph+N/Hz | | 220-240/1+N/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:



R410A: Used refrigerant: R410A.



R32: Used refrigerant: R32.

