

TEMPERATURE-CONTROLLED EXHAUST AIR

Exhaust air valve kit



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			RAV-DXC010
Cooling capacity	kW	❄️	5,00 - 23,00
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+43
Heating capacity	kW	☀️	5,60 - 27,00
Outdoor temperature operating range (min.-max.)	°C	☀️	-15/+24
Airflow	m³/h		900/4200
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:



R410A: Used refrigerant: R410A.



R32: Used refrigerant: R32.

