

## TEMPERATURE-CONTROLLED EXHAUST AIR

### Exhaust air valve kit



Symbol photo



#### Highlights

- Highly efficient connection of third-party heat exchangers
- Master kit up to 28 kW, follower combinations up to 168/178 kW
- Additional VRF indoor units can also be connected



Valve kit for exhaust temperature control for integrating external DX heat exchangers into ventilation systems. The system requires master/follower control units and at least one PMV valve kit. For combination with VRF outdoor units from the MiNi-SMMS-e, SMMS-e, and SHRM-e model series.



#### Performance

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



#### Flexibility

- Parallel operation up to 168/178 kW possible
- Optional analog interface available
- Optional control via Modbus possible
- Control range of nominal cooling capacity 50 to 100%
- Simple system design with DesignAIRS software



#### Technical details

- Three valve kits available: up to 8, 14, and 28 kW (cooling)
- 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



## Exhaust air valve kit

Technical data			MM-DXV140
Cooling capacity	kW	❄️	to 16,00
Heating capacity	kW	☀️	to 18,00
Airflow	m³/h		1280/2520
Power supply	V/Ph+N/Hz		220-240/1+N/50
Outdoor temperature operating range (min.-max.)	°C	❄️	Air on +15(WB), +18(DB) / +24(WB), +32(DB)
Outdoor temperature operating range (min.-max.)	°C	☀️	Air on +15(DB) / +28(DB)
Refrigerant			R410A

❄️ 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.

