

External power control

## Valve kit 0–10 V



### Highlights

Highly efficient connection of third-party heat exchangers  
0–10 V power control



Symbol photo



Valve kit for power control for integrating external DX heat exchangers into ventilation systems. Controls heating or cooling operation via a 0–10 V signal from the ventilation control as per the power requirement. System consists of a control unit and PMV valve kit. For combination with an 8 or 10 PS VRF outdoor unit from the SMMS-e model series.



### Performance

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



### Technical details

- 1:1 solution in combination with an 8 or 10 PS SMMS-e outdoor unit
- No additional VRF indoor units can be connected
- Two valve kits available: up to 16 and up to 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



# TOSHIBA

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Technical data			MM-DXV141
Cooling capacity	kW	❄️	8,00 - 16,00
Heating capacity	kW	🔥	7,20 - 18,00
Airflow	m <sup>3</sup> /h		3300
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 +12(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.

