



With full power

High-pressure duct unit R32



Highlights

- High, external, static compression
- Compact & light chassis
- Optimal air distribution possible



High-pressure duct unit for RAV one-room systems for 1:1 combination with BIG Digital Inverter outdoor units for refrigerant R32. Due to the high static compression, this unit is best suited for large spaces. Available in two power levels, 19.0 and 22.5 kW.



Performance

- High-performance heat exchanger
- Self-cleaning function
- Low-noise, 3-stage fan
- External, static compression can be set up to 250 Pa
- Auto diagnostic system



Flexibility

- Air intake from behind
- Optimal for combination with textile air hoses
- Customized external air filter settings
- Optional WiFi control via smartphone, tablet, or PC



Technical details

- TCB-DP40DPE drain pump optionally available
- External receiver kit for infrared remote control possible
- Can be combined with all cable remote controls
- Can be integrated into VRF control systems via a TCC link
- Automatic restart setting after power outage
- Optional redundancy box available

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Technical data			RAV-RM2801DTP-E
Cooling capacity	kW	❄️	22,50
Cooling range (min.-max.)	kW	❄️	4,60 - 27,00
Energy efficiency EER	W/W	❄️	2,82
Energy efficiency SEER		❄️	4,64
Heating capacity	kW	🔥	27,00
Heating range (min.-max.)	kW	🔥	4,60 - 31,50
Energy efficiency COP	W/W	🔥	3,59
Energy efficiency SCOP		🔥	3,44
Sound pressure level (low/med/high)	dB(A)	❄️	-/46/-
Sound pressure level (low/med/high)	dB(A)	🔥	-/46/-
Sound power level	dB(A)	❄️	-/81/-
Sound power level	dB(A)	🔥	-/81/-
Airflow	m ³ /h		4800
External static pressure	Pa		50/97/250
Refrigerant			R32
Dimensions (HxWxD)	mm		448 x 1400 x 900
Weight	kg		97

❄️ Cooling 🔥 Heating

The measuring conditions for this product can be found at <http://www.toshiba-klima.at/en/measuring-conditions.html>



Energy Label: Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



HI POWER: Particularly strong airflow for quickly reaching the requested temperature.



ErP Ecodesign: All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



Auto diagnostic: Check of system for flawless operation.



Hybrid inverter control: Smooth capacity regulation.



Eco Mode: Energy saving function.



Rotary compressor: Reliability and high efficiency.



Quiet Mode: Particularly low noise level - whispering mode.



Twin rotary compressor: Long-lasting, smoothly running and highest efficiency.



Comfort Sleep: Gradual increase of temperature by 2 °C until morning.



R410A: Used refrigerant: R410A.



Power Selection: Capacity regulation and therefore power savings of up to 25, 50 or 75%.



R32: Used refrigerant: R32.



Floor Mode: Natural floor warming effect for greater comfort.



Wifi ready: Optional control of the system via a smartphone.



Preset Mode: Activates individual settings at the touch of a button.



KNX: Optional KNX bus connection.



One Touch Mode: Fully automatic operation adapted to your needs.



Dust filter: Washable filter against coarse contamination.



Timer: Individual programming of on-/off times.



IAQ filter: Fine mesh filter with natural substances.



Off Timer: Shutdown of the unit at chosen times (30 min to 12 h).



Active carbon-catechin filter: Cleansing filter with enzymes from green tea.



Week Timer: Up to four settings per day and seven per week.



Plasma filter: Pure Mode: Electrostatic filter system.



Automatic Restart: After a power blackout.



Air ionizer: Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



8 °C frost protection function: Frost protection for uninhabited rooms.



Self-cleaning function: Usage of condensate water for cleaning.



Louver: Flexible setting of louvers.



Auto Mode: Automatic selection between cooling and heating.



3D Airflow: 6 different airflow patterns in all directions.