Digital scroll compressor

R404A

New !!

With Capacity control 5 to 100% !

Variable Cooling Capacity: 1 to 27 kW

Application

Ready for variable cooling capacity demand
Commercial refrigeration
Cold and freeze food stores
Food industry and process applications
Industrial processes, chemical industry
Cooling of manufacturing rooms

Standard Unit Features

- Cooling capacity modulation in range 5 to 100%
- Control box with controller
- Air cooled condenser
- Receiver tank
- Oil equalization line
- High and low safety pressure switch

Optional Accessories

- Electrical crankcase oil heater
- Step less fan speed control
- Filterdehydrator
- Sightglass
- Filterdehydrator & sightglass mounted
- Outdoor housing

Technical specification

Tandem compressor condensing unit design with one digital scroll compressor and one scroll compressor is ready for cooling capacity control. Step less modulation is applicable in wide range from 5 to 100% full unit capacity. Capacity control is driven by built-in controller according suction pressure.

Fan speed step less control is maintaining stable condensing pressure with minimum noise level. Units are ready to work up to +43°C ambient temperature. Units are applicable for cooling and freezing applications. Next accessories can be selected along to unit.

Model	Cooling Capacity (kW)[1] @ +27°C ambient temp		Application Range [2]	Dimensions AxBxH	Weight	Sound Pressure [3]
	T_E=-10°C	T_E=0°C	[°C]	[mm]	[kg]	Lp [dB(A)]
TME-ZBD-60	12.0	18.2	-25 ... 0	1200x800x700	150	52.5
TME-ZBD-90	18.3	27.6	-25 ... +5	1800x1100x1170	185	56.5

[1] Cooling capacity for R404A @20°C suction gas return, 7K superheat and 3K subcooling
[2] Range of applicable evaporating temperature (T_E)
[3] Sound pressure levell LpA at 10 m distance

Illustrative picture

H

B

A
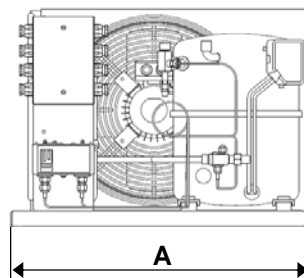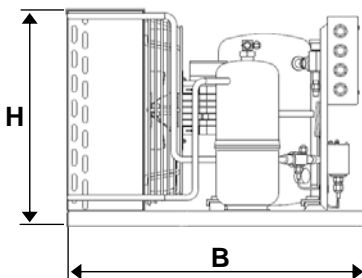
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