

Cooling Capacity : 4 + 7.6 kW



New !!

Application

Food chains – supermarkets and logistic center
Cold and freeze stores for fruits, vegetables, meat and milk products
Food processing industry – meat & fish processing, dairy works, bakery

Standard Unit Features

- Hermetic scroll compressors
- Two split circuits (LT1, LT2) with common discharge
- Oil management, oil filtering
- Suction and liquid filter
- Pressure transducer on discharge and suction side
- Electrical control box with controller

Optional Accessories

- Electric crankcase oil heater
- Control system optional
- Receiver tank with relieve valve
- Heat recovery
- Air cooled remote condenser
- Condenser fans speed control

Technical specification

Compact, new compressed design with capacity up to 6 hermetic compressors in one frame together with electrical control box fitted. Frame with reduced weight and shrunk outline dimensions helped to reduce unit weight overall. Therefore unit can be easily located in to machine room with limited dimensions.

Unit cooling capacity is automatically adapted according system cooling power requirements. Optimization of working conditions is resulting in to high energy efficiency. Unit is designed for ambient temperature up to 43°C.

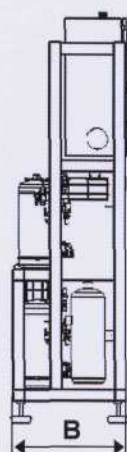
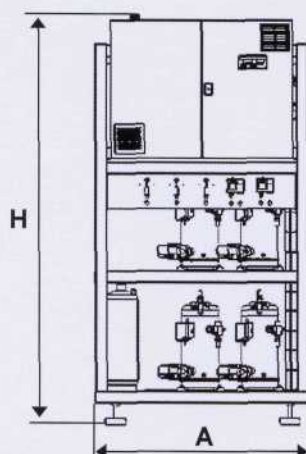
Model	Cooling Capacity		Application Range ⁽²⁾ [°C]	Compressors Number [-]	Dimensions AxBxH [mm]	Weight ⁽³⁾ [kg]	Sound Pressure ⁽⁴⁾ L _p [dB(A)]
	LT1 (kW) ⁽¹⁾ T _e = -30°C	LT2 (kW) ⁽¹⁾ T _e = -30°C					
IBE-ZF09/2-ZF11/3	4.0	7.6	-40 ... -10	2+3	1080x580x1850	275	77.0

⁽¹⁾ Shown for 40°C condensing temperature, 5K liquid subcooling, for evaporator temperature T_e, see table header, 5K superheat, 0°C suction gas return, refrigerant R404A; data for different conditions on request

⁽²⁾ Applicable evaporator temperature range (T_e)

⁽³⁾ Unit weight – without condenser and filling

⁽⁴⁾ Unit sound pressure L_{pA} (compressors only)



Illustrative picture

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