

HK REFRIGERATION

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Item : **Item 16**Typ : **Cubic**

Date 05.01.2020

Version : 4.00

3C-A 4466 L (Multi Refrigerant)

Total capacity : 31,97 kW DT1 (Dew) / DTM (Mean) : 6 / 8 K

DeltaT1 = Difference between air inlet temperature and Dew temperature (Evaporator outlet before superheat).

Operating conditions

Refrigerant :	R449A
Room temperature :	0 °C
Unit number :	1
Pressure :	-1 bar / 25 bar

Aeraulic characteristics (per unit)

Nb. and diameter of fans :	4 x 450 mm
Air flow-rate :	21160 m3/h
Pressure :	0 Pa
Air throw :	37 m
Lp (at 4m) :	54 dB(A)

Coil characteristics (per unit)

Surface :	76.5 m2
Volume :	17,4 dm3
Fin spacing :	6 mm
Inlet / Outlet :	1"3/8-2"1/8 (D)

Electrical characteristics (per unit)

Rotation speed :	1370 tr/min
Maximum input power :	4 x 500 W
Maximum operating current :	4 x 1, A
Motor coupling :	Delta
Voltage/ Nb Phases / Frequency :	400V / 3 / 50Hz

Dimensional characteristics (per unit)

Dimensions (L/D/H) :	2772/610/635 mm
Empty net weight :	117 kg
Packaging (L/D/H) :	2920 / 750 / 750 mm
Packed unit weight :	174 kg
Standard packaging :	Pallet

(1) The average acoustic pressure level in dB(A) measured at 4 m, at fan height, in direct line of sight on a reflective surface, are given as an example. Only the acoustic pressure spectrum and Lw value, are contractually binding and may be used to evaluate the pressure characteristics at the property boundaries.

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Options 3C-A 4466 L

- E1U : Light electric defrost
- E1K : Light electric defrost
- E2K : Intermediate electric defrost + intermediate drain pan.
- E3K : Full electric defrost + intermediate drain pan.
- BXT : Blygold Polual XT coil protection.
- BAE : Paint coil protection.
- M60 : Fan 230-400V/3/60hz (Ø 450mm) or 230V/1/60Hz (Ø 300mm).
- MM5 : Fan 230V/1/50Hz (Ø 450mm).
- THD : Defrost thermostat (5709L).
- THS : Safety thermostat (5708L).
- 2TH : Defrost and safety thermostats (5709L + 5708L).
- HG1 : Hot gas (coil: hot gas, drain pan : electrical heaters)
- EIS : Insulated drain pan.
- RVU : Shell defrost heaters.
- RVK : Shell defrost heaters.
- DPK : Intermediate drain pan Kit (3C-A .. R/L).
- DMP : Expansion valve fitted Plus (With liquid line)
- EEC : EVL + copper siphon equipped with a ball valve
- PEI : White painted casing.
- EVL : DMP + solenoid valve fitted.
- BHE : Heresite coil protection.
- CIN : 316L Stainless steel frame.
- DEG : Hot glycol water defrost.
- PGI : Stainless steel end place
- EXT : Extronic (Multirefrigerant electronic expansion valve mounted)
- STK : Safetronic Kit (Close expansion valve in case of power failure)
- MP5 : Pressure fan 50 Pa - Ø550mm (230V/1/50-60Hz)
- VGT : Flange for textile duct

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(Drawings are only indicative)

