

MECHANICAL DATA

Displacement:	67.8 cm ³ /rev (11.8 m ³ /h)
Maximum Recommended Refrigerant Charge:	4.5 ml
Weight:	34 kg

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL DATA

Motor Type:	Induction motor -
Pole:	2 -
Starting Torque:	HST -
Voltage Working Range 50Hz:	198-242 V
Voltage Working Range 60Hz:	- V
Maximum Motor Temperature:	130 °C
Motor Insulation Class:	B -
Run Winding Resistance:	0.5 Ω (± 10%) at 25°C
Start Winding Resistance:	1.3 Ω (± 10%) at 25°C

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL COMPONENTS

	Component type	Description	Code
Motor Protection:	Internal Protector	-	-
CSR Box:	yes	-	-
Starting Device:	Potential Relay	HLR3800-3H3D	-
Start Capacitor:	Electrolytic type, standard duty, P1 fuse	250 uF (≥ 330V)	-
Run Capacitor:	Polypropylene type, Class B/450V, P2 fuse	80 uF (≥ 450V)	-

ACCESSORIES

	Includes
Cover:	yes
Cover Gasket:	yes
Grounding Screw:	yes
Liquid Injection:	-
Temperature Sensor:	-
Grommets:	yes
Sleeves:	yes
Crankase Heater:	70
Noise Insulation:	-
Rotolock Valves:	-
Rotolock Adapter:	-
Service Valves:	-

For additional accessories please contact our technical support

EXTERNAL CHARACTERISTICS

Base Plate Max Dimensions:	239x239mm
Base Plate Holes Interaxis:	191x191mm
Height:	419mm
Compressor Shell Diameter:	168mm
Hanger Tab:	yes
Oil Side Glass:	yes

	Shape	Material	Internal Diameter (mm)
Suction Connector	Rotolock	Copper plated steel tube	1 1/4"-12 UNF 2A
Discharge Connector	Rotolock	Copper plated steel tube	3/4"-16 UNF 2A



RATED POINTS

	220V 50Hz	220V 50Hz
Conditions	EN12900: Te -10°C; Tc 45°C; Rg 20°C; No subcooling; Ta 35°C	ARI540(2004): Te -6.7°C; Tc 48.9°C; Rg 4.4°C; No subcooling; Ta 35°C
Capacity (W)	6934	6920
Power Input (W)	3277	3601
COP (W/W)	2.11	1.92
Rated Load Amps RLA (A)	15.5	16.9
Locked Rotor Amps LRA (A)	109	109
Maximum Operating Current MOC (A)	28.1	28.1
Sound Power Level (dBA)	73	73

PERFORMANCE CURVE DATA

Standard: EN12900 / w

50 Hz

	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Efficiency (w/W)
35°C Condensing Temperature	10°C	16529	3410	4.85
	5°C	13919	3254	4.28
	0°C	11710	3127	3.74
	-5°C	9843	3019	3.26
	-10°C	8258	2921	2.83
	-15°C	6897	2825	2.44
	-20°C	5700	2722	2.09
	-25°C	4607	2603	1.77
	-30°C	3560	2459	1.45
45°C Condensing Temperature	10°C	13850	3892	3.56
	5°C	11819	3747	3.15
	0°C	10083	3625	2.78
	-5°C	8583	3520	2.44
	-10°C	7261	3421	2.12
	-15°C	6057	3320	1.82
	-20°C	4912	3209	1.53
	-25°C	3766	3077	1.22
	-30°C	2561	2917	0.88

	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Efficiency (w/W)
55°C Condensing Temperature	10°C	11075	4664	2.37
	5°C	9528	4542	2.10
	0°C	8170	4441	1.84
	-5°C	6944	4352	1.60
	-10°C	5790	4266	1.36
	-15°C	4649	4174	1.11
	-20°C	3461	4068	0.85
	-25°C	2167	3938	0.55