


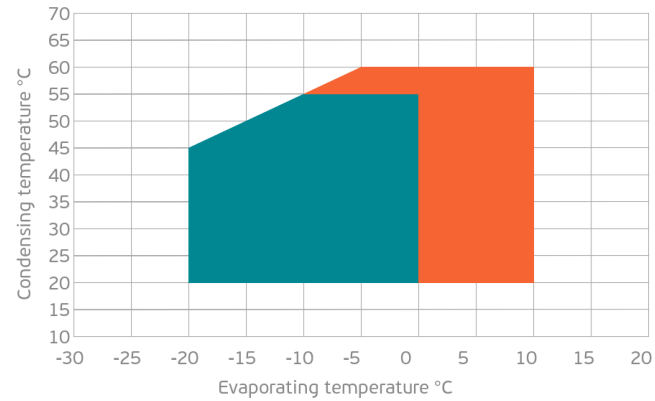


GENERAL DATA

Application:	MBP
Refrigerant:	R290
Evaporating Temperature Range:	-20°C to 10°C
Compressor Cooling:	Fan
Fan air flow:	520 m3/h
Maximum Condensing Pressure - Operating:	18.07 kgf/cm2 (psig)
Maximum Condensing Pressure - Peak:	20.16 kgf/cm2 (psig)
Type:	Hermetic reciprocating
Technology Type:	On-Off
Expansion Device:	Capillary Tube or Expansion Valve
Packing Quantity:	Multi - 37 pcs
Institute Approvals:	  

OPERATING ENVELOPE



MECHANICAL DATA

Bore:	27.78 mm
Stroke:	20 mm
Free Internal Volume:	2.1 cm ³
Maximum Recommended Refrigerant Charge:	350 ml
Weight:	11.4 kg

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL DATA

Motor Type:	CSIR -
Starting Torque:	HST -
Maximum Motor Temperature:	130 °C
Start Winding Resistance:	27.95 Ω (± 10%) at 25°C
Run Winding Resistance:	5.11 Ω (± 10%) at 25°C
Locked Rotor Amperage (RLA):	18 A

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL COMPONENTS

	Component type	Description	Code
Inverter:	-	-	-
Run Capacitor:	-	-	-
CSR / CSIR Box:	-	-	-
Start Capacitor:	-	53-64 MFD 330V	2252346
Starting Device:	Current relay	MTRP-49-65	2334118
Motor Protection:	External 3/4"	T0964/G6	2319135

ACCESSORIES

Description

Code

For additional accessories please contact our technical support

EXTERNAL CHARACTERISTICS

	Shape	Material	Internal Diameter (mm)
Suction Connector	Slanted 42°	Copper	8.1
Discharge Connector	Straight	Copper	6.1
Process Connector	Slanted 42°	Copper	6.1

MOUNTING ACCESSORIES

Description	Code
At maximum evaporating temperature and maximum ambient temperature.	

PERFORMANCE CURVE DATA

Standard: EN 12900 / w

50 Hz

	Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
35°C Condensing Temperature	10°C	2 150	532	3.27	23.23	4.04
	5°C	1 830	508	3.17	19.62	3.60
	0°C	1 543	483	3.07	16.41	3.20
	-5°C	1 287	456	2.97	13.61	2.82
	-10°C	1 063	429	2.88	11.18	2.48
	-15°C	871	400	2.78	9.13	2.18
	-20°C	712	370	2.69	7.41	1.92
45°C Condensing Temperature	10°C	1 900	605	3.52	22.49	3.14
	5°C	1 616	574	3.39	18.96	2.82
	0°C	1 361	542	3.26	15.84	2.51
	-5°C	1 133	509	3.13	13.10	2.23
	-10°C	934	475	3.01	10.73	1.96
	-15°C	763	441	2.89	8.72	1.73
	-20°C	620	405	2.78	7.05	1.53
55°C Condensing Temperature	10°C	1 634	697	3.87	21.51	2.34
	5°C	1 388	654	3.68	18.09	2.12
	0°C	1 167	610	3.50	15.07	1.91
	-5°C	970	566	3.33	12.42	1.71
	-10°C	796	521	3.16	10.14	1.53

Model **NEU6214U**

Code **862GA51M1AQ**

embraco POWER IN.
CHANGE ON.

