


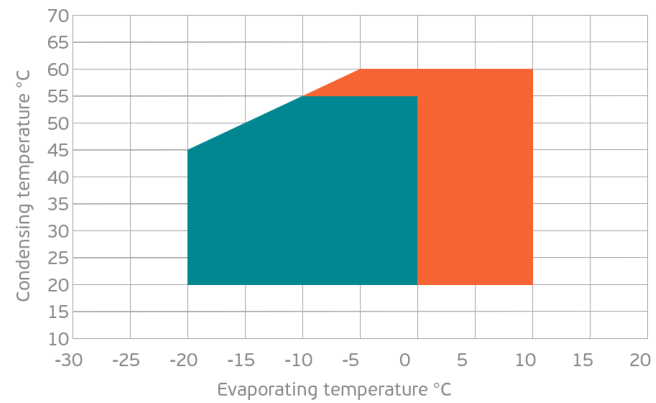


### GENERAL DATA

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

### OPERATING ENVELOPE



### MECHANICAL DATA

<b>Bore:</b>	26.5 mm
<b>Stroke:</b>	15.92 mm
<b>Free Internal Volume:</b>	2.1 cm <sup>3</sup>
<b>Maximum Recommended Refrigerant Charge:</b>	350 ml
<b>Weight:</b>	11.3 kg

At maximum evaporating temperature and maximum ambient temperature.

### ELECTRICAL DATA

<b>Motor Type:</b>	CSIR -
<b>Starting Torque:</b>	HST -
<b>Maximum Motor Temperature:</b>	130 °C
<b>Start Winding Resistance:</b>	27.92 Ω (± 10%) at 25°C
<b>Run Winding Resistance:</b>	4.53 Ω (± 10%) at 25°C
<b>Locked Rotor Amperage (RLA):</b>	20 A

At maximum evaporating temperature and maximum ambient temperature.

### ELECTRICAL COMPONENTS

	Component type	Description	Code
<b>Inverter:</b>	-	-	-
<b>Run Capacitor:</b>	-	-	-
<b>CSR / CSIR Box:</b>	-	-	-
<b>Start Capacitor:</b>	-	53-64 MFD 330V	2252346
<b>Starting Device:</b>	Current relay	MTRP-0030-65	2334128
<b>Motor Protection:</b>	External 3/4"	MST26ALK-3259	2319147

### ACCESSORIES

#### Description

#### Code

For additional accessories please contact our technical support

**EXTERNAL CHARACTERISTICS**

	Shape	Material	Internal Diameter (mm)
<b>Suction Connector</b>	Slanted 42°	Copper	8.1
<b>Discharge Connector</b>	Straight	Copper	6.1
<b>Process Connector</b>	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)
<b>35°C</b> Condensing Temperature	10°C	1 538	355	2.78	16.62	4.33
	5°C	1 328	349	2.75	14.23	3.81
	0°C	1 133	340	2.72	12.05	3.33
	-5°C	955	329	2.69	10.09	2.90
	-10°C	792	315	2.66	8.33	2.51
	-15°C	645	299	2.63	6.75	2.16
	-20°C	513	280	2.59	5.35	1.83
<b>45°C</b> Condensing Temperature	10°C	1 393	414	2.88	16.49	3.36
	5°C	1 192	400	2.84	13.98	2.98
	0°C	1 008	384	2.80	11.73	2.63
	-5°C	840	365	2.76	9.71	2.30
	-10°C	690	345	2.72	7.93	2.00
	-15°C	556	322	2.67	6.36	1.73
	-20°C	439	297	2.61	5.00	1.48
<b>55°C</b> Condensing Temperature	10°C	1 208	462	2.95	15.89	2.62
	5°C	1 025	441	2.91	13.36	2.32
	0°C	860	419	2.87	11.11	2.05
	-5°C	713	395	2.82	9.14	1.80
	-10°C	583	370	2.77	7.43	1.58

Model **NEU6210U**

Code **862FA51M1AQ**

**embraco** POWER IN.  
CHANGE ON.

