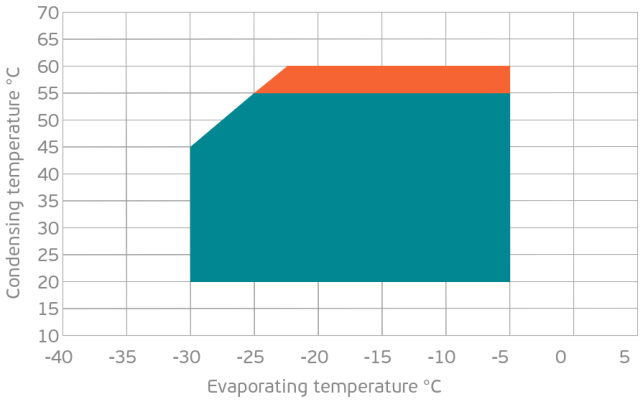
Model **NE2130Z** | Code 262DA50M2AJ

embraco POWER IN. CHANGE ON.

GENERAL DATA

Application:	LBP
Refrigerant:	R134a
Evaporating Temperature Range:	-30°C to -5°C
Compressor Cooling:	Fan
Fan air flow:	520 m3/h
Maximum Condensing Pressure - Operating:	13.92 kgf/cm2 (psig)
Maximum Condensing Pressure - Peak:	15.62 kgf/cm2 (psig)
Type:	Hermetic reciprocating
Technology Type:	On-Off
Expansion Device:	Capillary Tube or Expansion Valve
Packing Quantity:	Single - 1 pc
Institute Approvals:	CE

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:	10.9 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:	31.85 Ω (± 10%) at 25°C
Run Winding Resistance:	6.25 Ω (± 10%) at 25°C
Locked Rotor Amperage (RLA):	- A

At maximum evaporating temperature and maximum ambient temperature.

ELECTRICAL COMPONENTS

	Component type	Description	Code
Inverter:	-	-	-
Run Capacitor:	-	-	-
CSR / CSIR Box:	-	-	-
Starting Device:	Current relay	MTRP-0027-65	2334107
Motor Protection:	External	4TM757NFBYY-153	2316018
Start Capacitor:	-	43-53 MFD 330V	2252347

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: ASHRAE / 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	-5°C	870	368	2.35	17.09	2.37
	-10°C	712	331	2.19	13.91	2.15
	-15°C	572	297	2.10	11.15	1.93
	-20°C	453	264	2.05	8.79	1.71
	-25°C	352	233	2.03	6.83	1.51
	-30°C	271	205	2.03	5.25	1.32
45°C Condensing Temperature	-5°C	843	398	2.41	16.55	2.12
	-10°C	686	354	2.24	13.41	1.94
	-15°C	549	313	2.14	10.69	1.75
	-20°C	431	275	2.08	8.37	1.57
	-25°C	333	241	2.05	6.45	1.38
	-30°C	254	209	2.03	4.91	1.22
55°C Condensing Temperature	-5°C	817	427	2.47	16.03	1.91
	-10°C	662	376	2.29	12.94	1.76
	-15°C	526	329	2.18	10.25	1.60
	-20°C	411	286	2.10	7.97	1.43
	-25°C	314	248	2.06	6.09	1.27

		Evaporating Temperature (°C)	Cooling Capacity (w)	Power Consumption (W)	Current Consumption (A)	Gas Flow Rate	Efficiency (w/W)
54.4°C Condensing Temperature	Rated point	-23.3°C	346	260	2.07	6.71	1.33