MODEL
EMX26CLC

APPROVALS

ENGINEERING CODE
875BA90

APPROVED REFRIGERANT
R-600a

POWER SUPPLY
220-240 V 50 Hz

STANDARD CONDITIONS
ASHRAE

APPLICATION
LBP

COOLING CAPACITY
82 W (LBP)

EFFICIENCY
1.63 W/W (LBP)

MOTOR TYPE
RSCR

STARTING TORQUE
LST

DATA

General Data

Type	Hermetic reciprocating
Technology Type	On-Off
Displacement	5.19 cm³
Compressor Cooling	Static/NotControled/220
Expansion Device	Capillary Tube
Power Supply	220-240 V 50 Hz
Evaporating Temperature Range	-35 °C to -10 °C

Electrical Data

Motor type	RSCR
Starting Torque	LST
Start Winding Resistance	22.37 Ω at 25° C
Run Winding Resistance	70 Ω at 25° C

Mechanical Data

Oil Charge	180 ml
Oil Type Configuration	ALQUILB
Oil Type Viscosity	ISO5
Weight	7.51 Kg

Electrical Components

	Description
Starting Device	PTC | V230
Run Capacitor	4
Motor Protection	T0879/07

External Characteristics

Tray Holder	Yes	
Connector	**Internal Diameter**	**Shape**
Suction	6.1 mm	Slanted 42?/Copper
Discharge	5.1 mm	Slanted 42?/Copper
Process	6 mm	Slanted 42?/Copper(OD)

PERFORMANCE

Rated Points

Condensing Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Gas Flow Rate	Efficiency
54.40°C	-23.30°C	82 W	50 W	0.24 A	0.88 kg/h	1.63 W/W

Test Condition: ASHRAELBP32, Static/NotControled/220, Return Gas 32.2°C, Evaporation -23.30°C, Condensing 54.40°C, Ambient 32.2°C , Liquid 32.2°C, Subcooling 22.2K. Data in accordance to EN 12900:2013 and AHRI 540:2015 polynomial equation and uncertainty guidance.

Performance Curve Data

Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Power W	Current A	Gas Flow Rate kg/h	Efficiency W/W
-35	39	72	0.2	0.43	0.54
-30	57	76	0.21	0.62	0.74
-25	78	82	0.22	0.85	0.96
-20	104	87	0.24	1.13	1.2
-15	134	92	0.27	1.46	1.46
-10	168	96	0.29	1.83	1.76

Test Condition: ASHRAELBP32, Static/NotControled/220, Return Gas 32.2°C, Ambient 32.2°C , Liquid 32.2°C. Data in accordance to EN 12900:2013 and AHRI 540:2015 polynomial equation and uncertainty guidance.

Condensing Temperature 45°C

Evaporating Temperature °C	Cooling Capacity W	Power W	Current A	Gas Flow Rate kg/h	Efficiency W/W
-35	43	35	0.19	0.46	1.23
-30	60	41	0.2	0.65	1.47
-25	81	47	0.23	0.87	1.71
-20	106	55	0.26	1.15	1.95
-15	136	62	0.29	1.47	2.21
-10	170	68	0.32	1.83	2.5

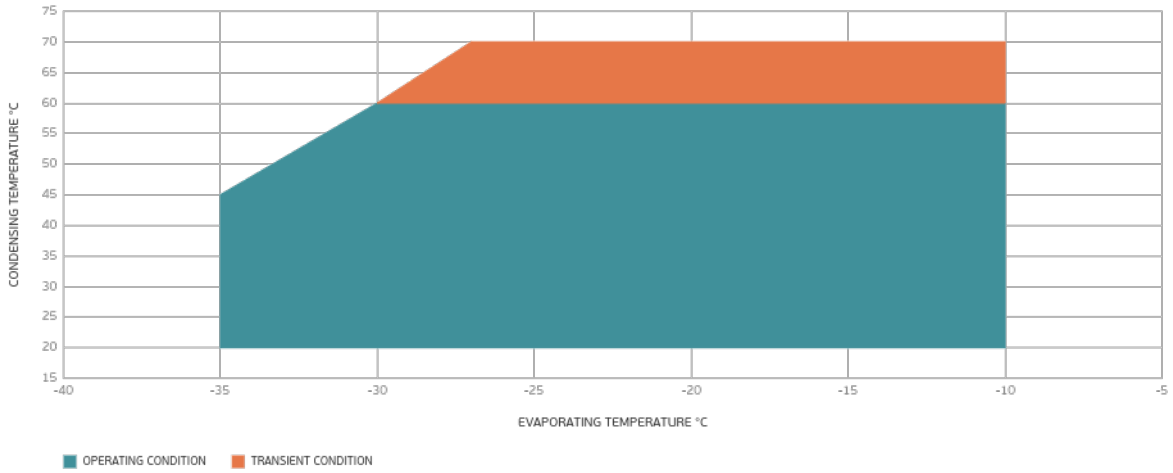
Test Condition: ASHRAELBP32, Static/NotControled/220, Return Gas 32.2°C, Ambient 32.2°C , Liquid 32.2°C. Data in accordance to EN 12900:2013 and AHRI 540:2015 polynomial equation and uncertainty guidance.

Condensing Temperature 55°C

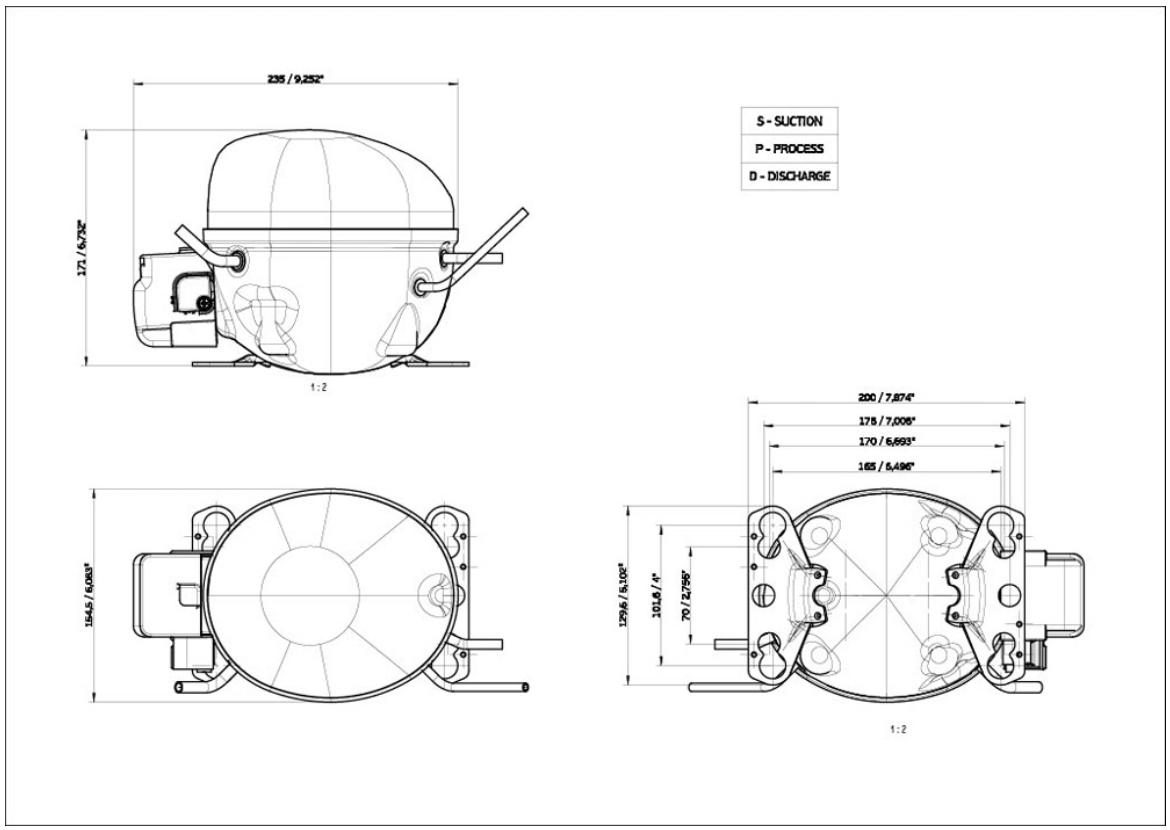
Evaporating Temperature °C	Cooling Capacity W	Power W	Current A	Gas Flow Rate kg/h	Efficiency W/W
-35	37	35	0.19	0.40	1.08
-30	53	41	0.21	0.57	1.31
-25	74	48	0.23	0.79	1.54
-20	98	56	0.27	1.06	1.75
-15	127	65	0.31	1.37	1.96
-10	160	73	0.35	1.73	2.18

Test Condition: ASHRAELBP32, Static/NotControled/220, Return Gas 32.2°C, Ambient 32.2°C , Liquid 32.2°C. Data in accordance to EN 12900:2013 and AHRI 540:2015 polynomial equation and uncertainty guidance.

Operating Envelope



External Dimensions



Wiring Diagram