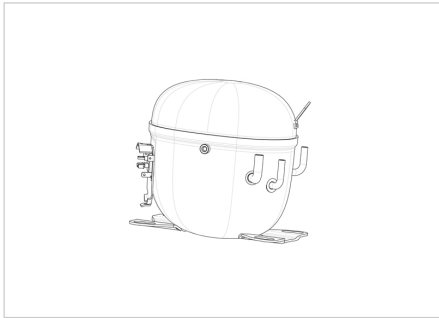


MODEL

NT6226GK

embraco



ENGINEERING CODE
923BA02

APPROVED REFRIGERANT
R-404A

POWER SUPPLY
220-240 V 50 Hz

STANDARD CONDITIONS
EN12900

APPLICATION
MBP

COOLING CAPACITY
1755 W

EFFICIENCY
1.79 W/W

MOTOR TYPE
CSCR

STARTING TORQUE
HST

DATA

General Data

Type	Hermetic reciprocating
Technology Type	On-Off
Displacement	22.4 cm ³
Compressor Cooling	Fan
Fan Air Flow	520 m ³ /h
Expansion Device	Capillary Tube or Expansion Valve
Horse Power	1 hp
Max Condensing Pressure Operating	24.71 bar
Max Condensing Pressure Peak	27.71 bar
Power Supply	220-240 V 50 Hz
Evaporating Temperature Range	-20 °C to 10 °C

Electrical Data

Motor type	CSCR
Starting Torque	HST
Start Winding Resistance	8.31 Ω at 25° C
Run Winding Resistance	1.63 Ω at 25° C

Mechanical Data

Maximum Recommended Refrigerant Charge	800 g
Oil Charge	450 ml
Oil Type Configuration	Polyolester
Oil Type Viscosity	ISO22
Pressurization	Dry air charge
Weight	18.2 Kg
Free Internal Volume	3.3 L

Electrical Components

	Description
CSR / CSIR Box	yes
Starting Device	Potential relay RVA403C-123
Start Capacitor	130-156 ?F / 250V
Motor Protection	External 3/4" T0828/C9

External Characteristics

Base Plate	Universal	
Tray Holder	No	
Height	234 mm	
Connector	Internal Diameter	Shape
Suction	9.6 mm	Vertical
Discharge	6.42 mm	Vertical
Process	6.42 mm	Vertical

PERFORMANCE

Rated Points

Condensing Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Gas Flow Rate	Efficiency
45.00°C	-10.00°C	1755 W	980 W	4.78 A	52.71 kg/h	1.79 W/W

Test Condition: EN12900, Fan, Return Gas 20°C, Evaporation -10.00°C, Condensing 45.00°C, Ambient 35°C , Liquid 45°C. Data in accordance to EN12900 guideline polynomial curve.

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
-20	1361	764	3.83	35.28	1.78
-15	1706	831	4.12	44.58	2.05
-10	2117	898	4.42	55.78	2.36
-5	2592	966	4.72	69.05	2.68
0	3133	1035	5.03	84.52	3.03
5	3739	1106	5.35	102.35	3.38
10	4410	1180	5.69	122.69	3.74

Test Condition: EN12900, Fan, MBP. Data in accordance to EN12900 guideline polynomial curve.

Condensing Temperature 45°C

Evaporating Temperature °C	Cooling Capacity W	Power W	Current A	Gas Flow Rate kg/h	Efficiency W/W
-20	1114	821	4.09	32.83	1.36
-15	1408	901	4.43	41.86	1.56
-10	1755	980	4.78	52.71	1.79
-5	2157	1059	5.13	65.56	2.04
0	2612	1138	5.49	80.54	2.3
5	3121	1218	5.86	97.81	2.56
10	3683	1299	6.23	117.52	2.83

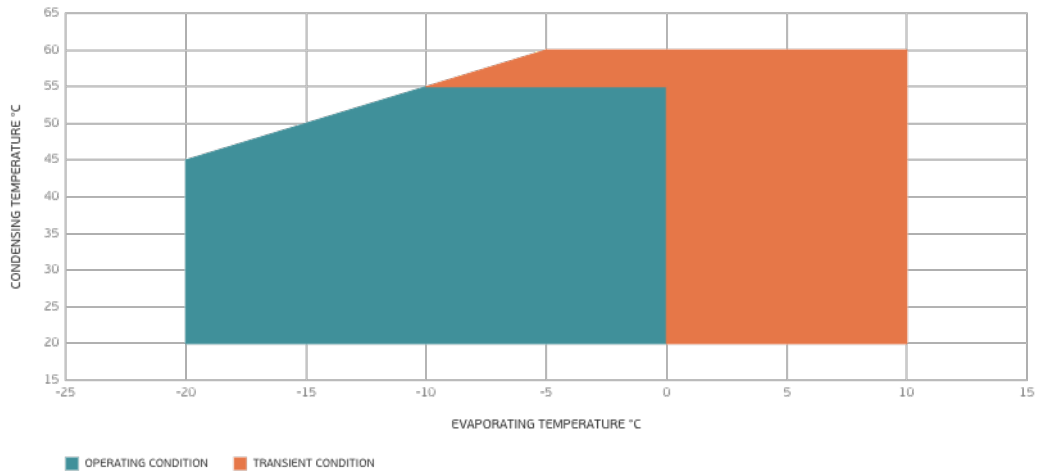
Test Condition: EN12900, Fan, MBP. Data in accordance to EN12900 guideline polynomial curve.

Condensing Temperature 55°C

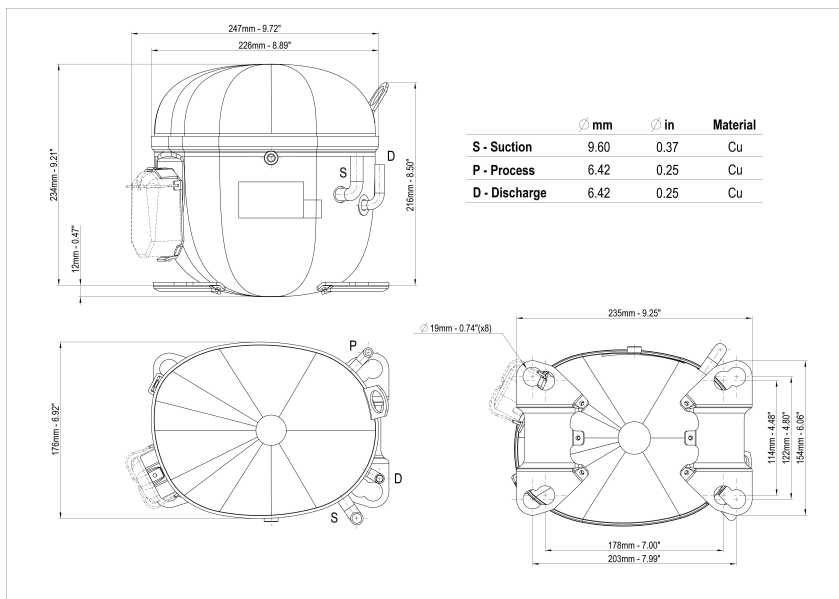
Evaporating Temperature °C	Cooling Capacity W	Power W	Current A	Gas Flow Rate kg/h	Efficiency W/W
-10	1422	1062	5.16	50.41	1.34
-5	1746	1156	5.58	62.80	1.51
0	2113	1249	6.01	77.26	1.69
5	2522	1342	6.44	93.94	1.88
10	2973	1435	6.88	112.98	2.07

Test Condition: EN12900, Fan, MBP. Data in accordance to EN12900 guideline polynomial curve.

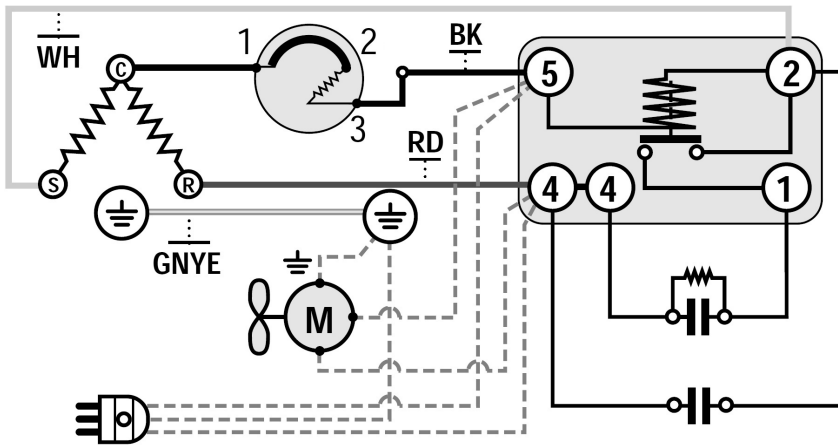
Operating Envelope



External Dimensions



Wiring Diagram



Assembly Instructions

