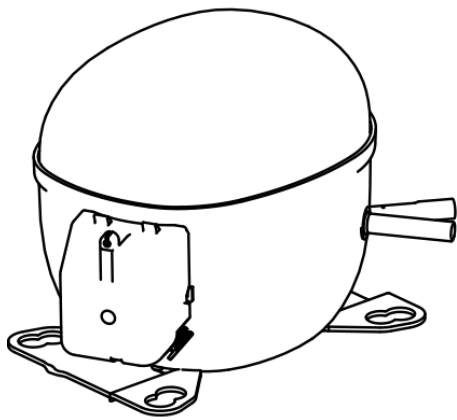


NTU6240GKV



ENGINEERING CODE
925FA80



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
2640 W



EFFICIENCY
1.91 W/W

DATA

GENERAL DATA

Model	NTU6240GKV
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1 1/2
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	3.95 Ω at 25°C
Run Winding Resistance	1.54 Ω at 25°C

MECHANICAL DATA

Displacement	27.8 cm³
Oil Charge	650 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	18.3 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
Run Capacitor	30.0 µf/440 V
CSR CSIR BOX	Yes
Starting Device Description	3ARR3B10AS3
Overload Protection	15HM1963-247 (internal)

EXTERNAL CHARACTERISTICS

Base Plate	UNI
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	12.77 mm	SLANTED	COPPER
Discharge	9.6 mm	VERTICAL	COPPER
Process	6.42 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
Max Refrigerant Charge	800 g
Refrigerant Temperature	Dew

RATED POINTS

Condensing Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
54.4	-6.7	2640	1.91	1381	6.67	72.03
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.						

PERFORMANCE CURVE

Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	2089	2.17	965	4.69	45.34
-15	2584	2.50	1032	5.01	56.48
-10	3186	2.88	1107	5.32	70.04
-5	3897	3.31	1176	5.62	86.26
0	4719	3.83	1231	5.88	105.38
5	5655	4.49	1259	6.11	127.62
10	6708	5.37	1250	6.29	153.21
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 45°C

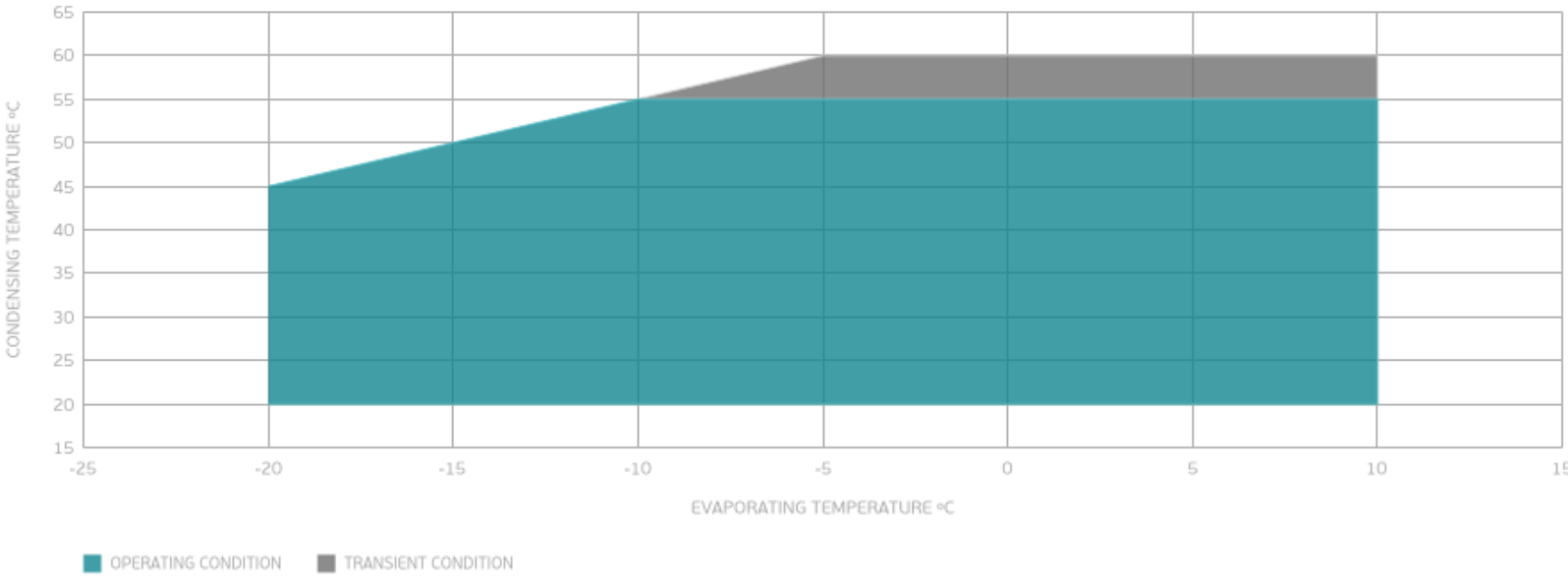
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	1816	1.69	1072	5.21	43.55
-15	2229	1.95	1143	5.53	53.80
-10	2737	2.22	1233	5.88	66.49
-5	3342	2.51	1332	6.24	81.84
0	4047	2.83	1428	6.61	100.09
5	4855	3.21	1511	6.98	121.47
10	5767	3.67	1571	7.34	146.21
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	2292	1.75	1312	6.41	62.65
-5	2788	1.96	1425	6.86	76.90
0	3371	2.18	1549	7.35	94.06
5	4046	2.42	1673	7.88	114.35
10	4814	2.69	1787	8.43	138.01
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

ENVELOPE



EXTERNAL DIMENSIONS

