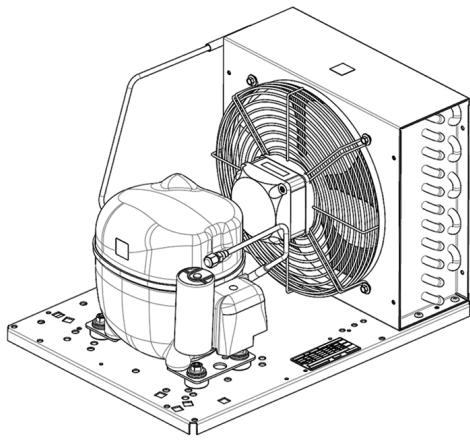


UNEK6181U



ENGINEERING CODE
561FA0012AA



REFRIGERANT
R-290



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
HBP



MOTOR TYPE
CSIR



STANDARD
EN13215_RG20



COOLING CAPACITY
548 W



EFFICIENCY
1.87 W/W

CE

✓ ECODSIGN
COMPLIANT

DATA

GENERAL DATA

Model UNEK6181U

ELECTRICAL DATA

Locked Rotor Amperage (LRA) 12.00 A

Rated Load Amperage (RLA) 2.64 A

Maximum Overcurrent Protection (MOP) 5.94 A

Minimum Current Ampacity (MCA) 3.3 A

CONDENSING COMPONENTS

Compressor NEK6181U M/HBP

Condenser 3R11T 2451206

Refrigerant R-290

Expansion Device C-V

Fan Blade Diameter 254 mm

Fankit IQ3612 254/28/5P 1996703

MECHANICAL DATA

Air Flow	300 m ³ /h
Height	296 mm
Shaft Power	null W
Weight	24 Kg
Width	340 mm
Length	465 mm

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	HBP
Tested Standard	EN13215_RG20

RATED POINTS

Ambient Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
32	-10	548	1.87	293

Test Condition: Subcooling 3 K, Return Gas 20 °C.

PERFORMANCE CURVE

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	410	1.68	245
-15	503	1.93	260
-5	717	2.49	288
0	844	2.80	301
5	988	3.14	315
10	1151	3.50	328

Test Condition: Subcooling 3 K, Return Gas 20 °C.

PERFORMANCE CURVE

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	363	1.42	256
-15	452	1.64	275
-5	654	2.11	310
0	773	2.37	326
5	906	2.65	342
10	1057	2.95	359

Test Condition: Subcooling 3 K, Return Gas 20 °C.

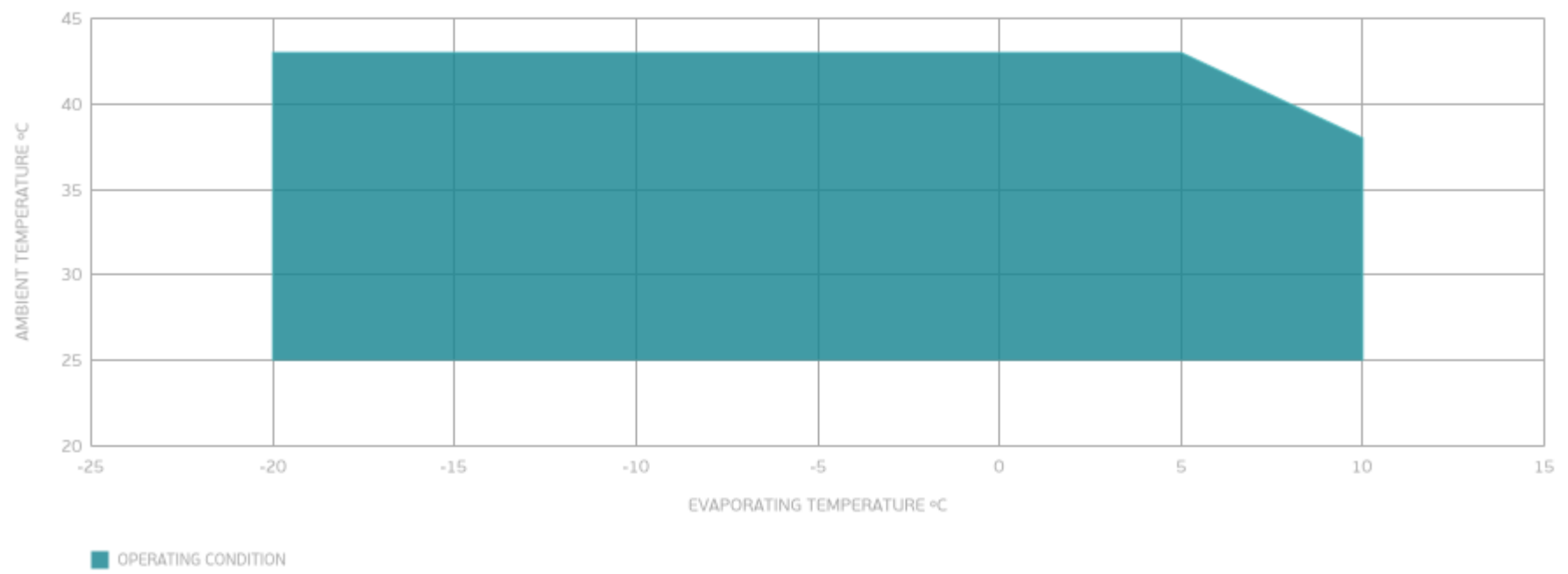
PERFORMANCE CURVE

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	278	1.04	268
-15	355	1.21	294
-5	526	1.53	343
0	624	1.71	366
5	735	1.89	389

Test Condition: Subcooling 3 K, Return Gas 20 °C.

ENVELOPE



EXTERNAL DIMENSIONS

