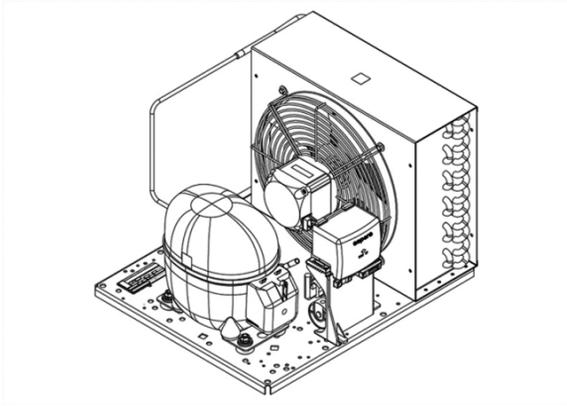


UNEK6217GK



ENGINEERING CODE
559GA5304AA

REFRIGERANT
R-404A

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
HBP

MOTOR TYPE
CSR

STANDARD
ASHRAE

COOLING CAPACITY
2083 W

EFFICIENCY
2.13 W/W

CE

ECODSIGN
COMPLIANT

DATA

GENERAL DATA

Model UNEK6217GK

ELECTRICAL DATA

Locked Rotor Amperage (LRA) 21.50 A

Rated Load Amperage (RLA) 5.55 A

Maximum Overcurrent Protection (MOP) 12.49 A

Minimum Current Ampacity (MCA) 6.9 A

CONDENSING COMPONENTS

Compressor NEK6217GK M/HBP

Condenser 3R12T 2451218

Refrigerant R-404A

Expansion Device C-V

Fan Blade Diameter 275 mm

Fankit 34W 275/31/5B 1996583

MECHANICAL DATA

| | |
|-------------|-----------------------|
| Air Flow | 640 m ³ /h |
| Height | 324 mm |
| Shaft Power | 34 W |
| Weight | 24 Kg |
| Width | 395 mm |
| Length | 471 mm |

PERFORMANCE

TESTED CONDITIONS

| | |
|--------------------|--------|
| Tested Refrigerant | R-404A |
| Tested Application | HBP |
| Tested Standard | ASHRAE |

RATED POINTS

| Ambient Temperature °C | Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Consumo de Potencia W |
|------------------------|----------------------------|--------------------|----------------|-----------------------|
| 32 | 7.2 | 2083 | 2.13 | 980 |

Test Condition: Subcooling 3 K, Return Gas 32 °C.

PERFORMANCE CURVE

Ambient Temperature 25°C

| Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Consumo de Potencia W |
|----------------------------|--------------------|----------------|-----------------------|
| -20 | 963 | 1.61 | 597 |
| -15 | 1178 | 1.82 | 648 |
| -5 | 1648 | 2.15 | 768 |
| 0 | 1902 | 2.27 | 838 |
| 5 | 2169 | 2.37 | 915 |
| 10 | 2448 | 2.45 | 998 |

Test Condition: Subcooling 3 K, Return Gas 32 °C.

PERFORMANCE CURVE

Ambient Temperature 32°C

| Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Consumo de Potencia W |
|----------------------------|--------------------|----------------|-----------------------|
| -20 | 878 | 1.43 | 616 |
| -15 | 1070 | 1.60 | 668 |
| -5 | 1495 | 1.89 | 792 |
| 0 | 1727 | 2.00 | 864 |
| 5 | 1972 | 2.09 | 943 |
| 10 | 2228 | 2.17 | 1029 |

Test Condition: Subcooling 3 K, Return Gas 32 °C.

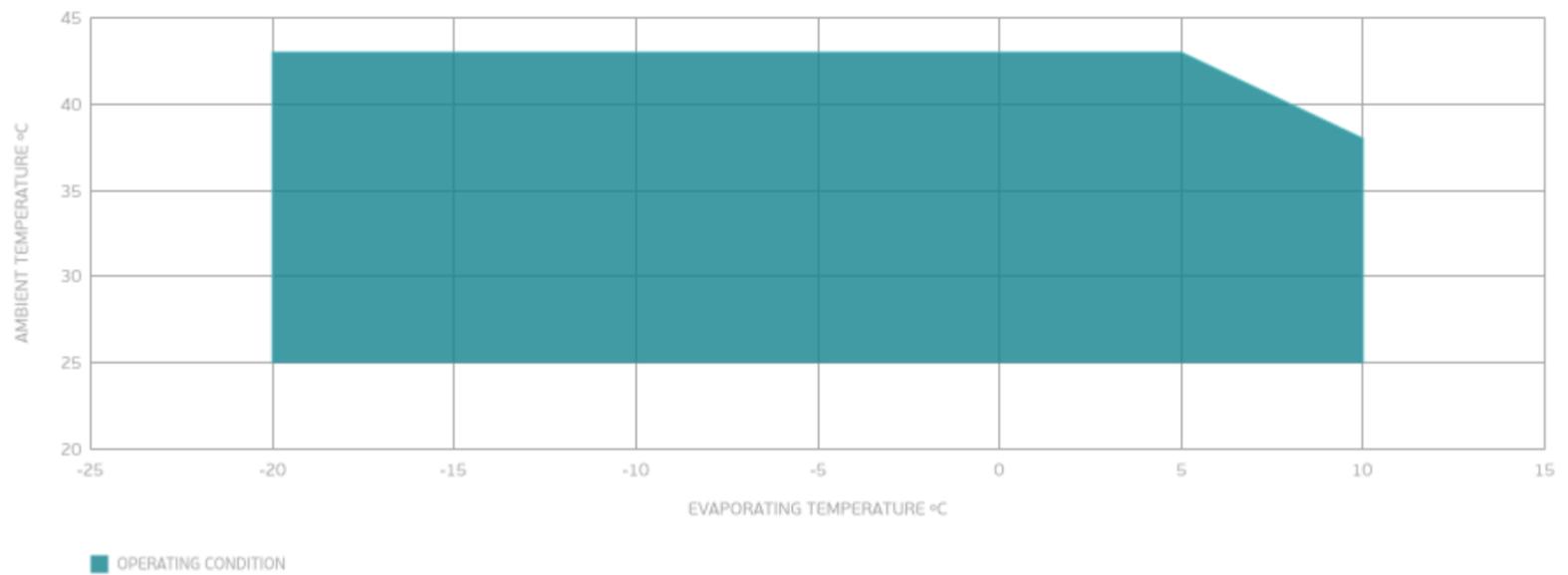
PERFORMANCE CURVE

Ambient Temperature 43°C

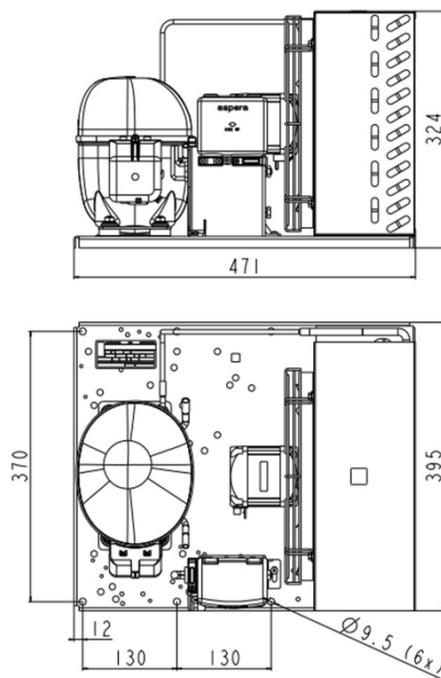
| Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Consumo de Potencia W |
|----------------------------|--------------------|----------------|-----------------------|
| -20 | 735 | 1.13 | 648 |
| -15 | 880 | 1.24 | 710 |
| -5 | 1212 | 1.42 | 854 |
| 0 | 1398 | 1.49 | 936 |
| 5 | 1597 | 1.56 | 1025 |

Test Condition: Subcooling 3 K, Return Gas 32 °C.

ENVELOPE



EXTERNAL DIMENSIONS



WIRING DIAGRAM

