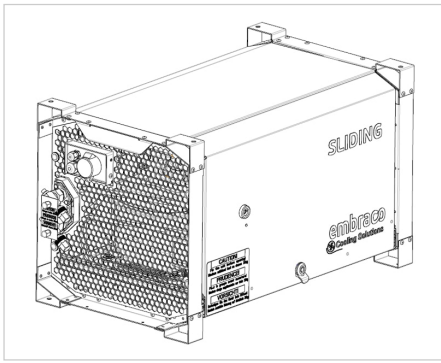


MODEL

UDSE6021GSEAE00



APPROVALS

CE

✓ ECODESIGN
COMPLIANT

ENGINEERING CODE

6S1COO6C3FA

APPROVED REFRIGERANT

R449A

POWER SUPPLY

380-420V 50Hz / 460V 60Hz 3~

STANDARD CONDITIONS

EN13215_SH10

APPLICATION

M/HBP

COOLING CAPACITY

4139 W

EFFICIENCY

1.62 W/W

DATA

General Data

| | |
|--------------|---------------------------|
| Weight | 130 Kg |
| Receiver | 3.9 L |
| Height | 613 mm |
| Length | 877 mm |
| Width | 638 mm |
| Power Supply | 380-420V 50Hz / 460V 60Hz |

Electrical Data

| | |
|-----------------------------|---------|
| Motor Type | 3 phase |
| Locked Rotor Amperage (LRA) | 45 A |
| Max Current | 6.9 A |

Spare Parts

| | | |
|----------------------|---------------------------|-----------------|
| Fan Kit | AXIAL FAN 230V/50HZ/1PH | 1451108 |
| Dryer | FILTER DRYER 10MM ODF | 2730010 |
| Sight Glass | SIGHT GLASS 10MM ODF | 2464040 |
| LP Pressostat | PS1-A3K | 2466036 |
| Heater | CRANKCASE HEATER 230V/70W | 2464355 |
| Fan speed controller | JCIP215PR | 2464088 |
| Condenser | 4R18T | 2451272 |
| HP Pressostat | P100CP-106D | 2466034 |
| Compressor | SE6021GS | 301CO1101AA |
| Valve Suction | SOLDER 7/8" | 2110139 |
| Valve Discharge | SOLDER 1/2" | 2110137 |
| Electrical Kit | ELECTRICAL BOX | XXXXXX |
| Flexi Hose | FLEXI HOSE 10MM/22MM ODF | 2464403/2464404 |

Fan Motor

| | |
|----------------|-----------|
| Number | 1 |
| Shaft Power | |
| Air Flow | 3700 m3/h |
| Blade diameter | 400 mm |

PERFORMANCE

Rated Points

| Ambient Temperature | Cooling Capacity | Power Consumption | Current | Efficiency |
|---------------------|------------------|-------------------|---------|------------|
| 32.00°C | 4139 W | 2369 W | | 1.47 W/W |

Test Condition EN13215_SH10: Evaporating temp. -10°C, Ambient temp. 32°C, Return Gas 0°C, Subcooling 3K, Superheating 10K

Performance Curve Data

Ambient Temperature 25°C

| Evaporating Temperature °C | Cooling Capacity W | Power Consumption W | Current A | Efficiency W/W |
|----------------------------|--------------------|---------------------|-----------|----------------|
| -15 | 3818 | 2156 | | 1.77 |
| -10 | 4497 | 2328 | | 1.93 |
| -5 | 5331 | 2515 | | 2.12 |
| 0 | 6339 | 2720 | | 2.33 |
| 5 | 7540 | 2944 | | 2.56 |
| 10 | 8952 | 3188 | | 2.81 |

Test Condition EN13215_SH10

Ambient Temperature 32°C

| Evaporating Temperature °C | Cooling Capacity W | Power Consumption W | Current A | Efficiency W/W |
|----------------------------|--------------------|---------------------|-----------|----------------|
| -15 | 3491 | 2369 | | 1.47 |
| -10 | 4139 | 2551 | | 1.62 |
| -5 | 4920 | 2756 | | 1.79 |
| 0 | 5852 | 2984 | | 1.96 |
| 5 | 6955 | 3239 | | 2.15 |
| 10 | 8248 | 3521 | | 2.34 |

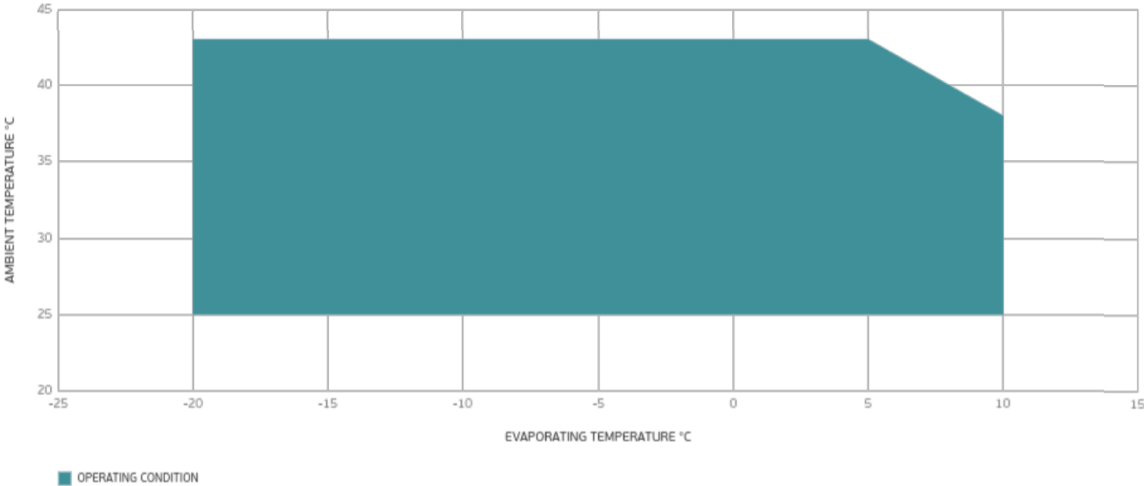
Test Condition EN13215_SH10

Ambient Temperature 43°C

| Evaporating Temperature °C | Cooling Capacity W | Power Consumption W | Current A | Efficiency W/W |
|----------------------------|--------------------|---------------------|-----------|----------------|
| -15 | 2899 | 2880 | | 1.01 |
| -10 | 3392 | 3104 | | 1.09 |
| - 5 | 3983 | 33661 | | 1.19 |
| 0 | 4692 | 3653 | | 1.28 |
| 5 | 5537 | 3982 | | 1.39 |

Test Condition EN13215_SH10

Operating Envelope



External Dimensions

