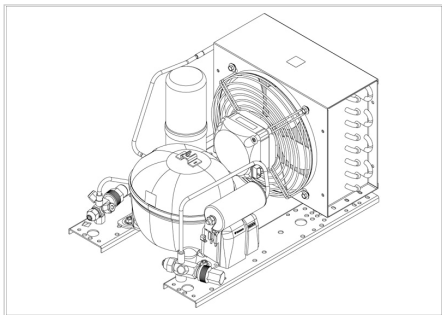


MODEL

UEMT6144Z

embraco



APPROVALS



ENGINEERING CODE

594PA5208AA



APPROVED REFRIGERANT

R134a



POWER SUPPLY

220 - 240V 50Hz ~



STANDARD CONDITIONS

EN13215\_RG20



APPLICATION

M/HBP



COOLING CAPACITY

291 W



EFFICIENCY

1.64 W/W

DATA

General Data

|              |                   |
|--------------|-------------------|
| Weight       | 15.2 Kg           |
| Receiver     | 0.6 L             |
| Height       | 226 mm            |
| Length       | 430 mm            |
| Width        | 290 mm            |
| Power Supply | 220 - 240 V 50 Hz |

Electrical Data

|                             |        |
|-----------------------------|--------|
| Motor Type                  | RSIR   |
| Locked Rotor Amperage (LRA) | 8.5 A  |
| Max Current                 | 1.48 A |

Spare Parts

|                 |                |            |
|-----------------|----------------|------------|
| Valve Suction   | FLARE 3/8"     | 2110024    |
| Valve Discharge | FLARE 1/4"     | 2110025    |
| Condenser       | 3R8T           | 2451204    |
| Electrical Kit  | ELCOM EMT6144Z | 194PA6764A |
| Fan Kit         | 10W 200/28°/5B | 1996581    |
| Compressor      | EMT6144Z       | 513306218  |

Noise Data

|                      |             |                    |             |
|----------------------|-------------|--------------------|-------------|
| Sound Power Level    | 59.2 dB (A) | -                  | -           |
| Sound Pressure Level | at 1 m      | at 5 m             | at 10 m     |
|                      | 51.2 dB (A) | 37.22059991 dB (A) | 31.2 dB (A) |

Fan Motor

|                |          |
|----------------|----------|
| Number         | 1        |
| Shaft Power    | 10 W     |
| Air Flow       | 300 m³/h |
| Blade diameter | 200 mm   |

PERFORMANCE

Rated Points

| Ambient Temperature | Cooling Capacity | Power Consumption | Current | Efficiency |
|---------------------|------------------|-------------------|---------|------------|
| 32.00°C             | 291 W            | 178 W             | 1.32 A  | 1.64 W/W   |

Test Condition: EN13215\_RG20, Return Gas 20 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

Performance Curve Data

Ambient Temperature 25°C

| Evaporating Temperature °C | Cooling Capacity W | Power Consumption W | Current A | Efficiency W/W |
|----------------------------|--------------------|---------------------|-----------|----------------|
| -15                        | 258                | 159                 | 1.24      | 1.63           |
| -10                        | 319                | 173                 | 1.28      | 1.85           |
| -5                         | 388                | 188                 | 1.32      | 2.07           |
| 0                          | 466                | 204                 | 1.37      | 2.28           |
| 5                          | 553                | 222                 | 1.43      | 2.49           |
| 10                         | 649                | 241                 | 1.49      | 2.69           |

Test Condition: EN13215\_RG20, M/HBP

Ambient Temperature 32°C

| Evaporating Temperature °C | Cooling Capacity W | Power Consumption W | Current A | Efficiency W/W |
|----------------------------|--------------------|---------------------|-----------|----------------|
| -15                        | 233                | 164                 | 1.28      | 1.42           |
| -10                        | 291                | 178                 | 1.32      | 1.64           |
| -5                         | 355                | 193                 | 1.36      | 1.84           |
| 0                          | 426                | 210                 | 1.41      | 2.03           |
| 5                          | 503                | 229                 | 1.47      | 2.2            |
| 10                         | 588                | 249                 | 1.54      | 2.36           |

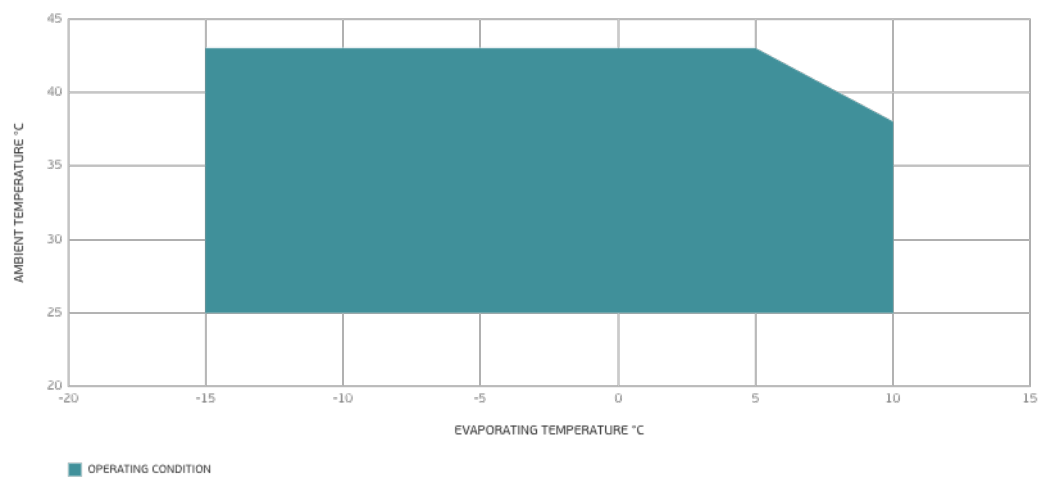
Test Condition: EN13215\_RG20, M/HBP

Ambient Temperature 43°C

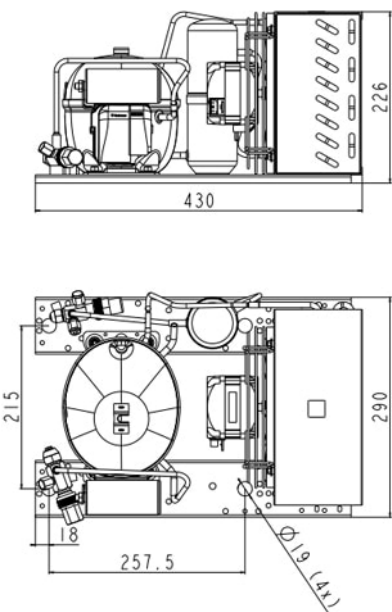
| Evaporating Temperature °C | Cooling Capacity W | Power Consumption W | Current A | Efficiency W/W |
|----------------------------|--------------------|---------------------|-----------|----------------|
| -15                        | 193                | 173                 | 1.3       | 1.11           |
| -10                        | 255                | 187                 | 1.34      | 1.36           |
| -5                         | 320                | 203                 | 1.39      | 1.57           |
| 0                          | 388                | 222                 | 1.44      | 1.75           |
| 5                          | 461                | 242                 | 1.51      | 1.9            |
| 10                         | 538                | 265                 | 1.58      | 2.03           |

Test Condition: EN13215\_RG20, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

