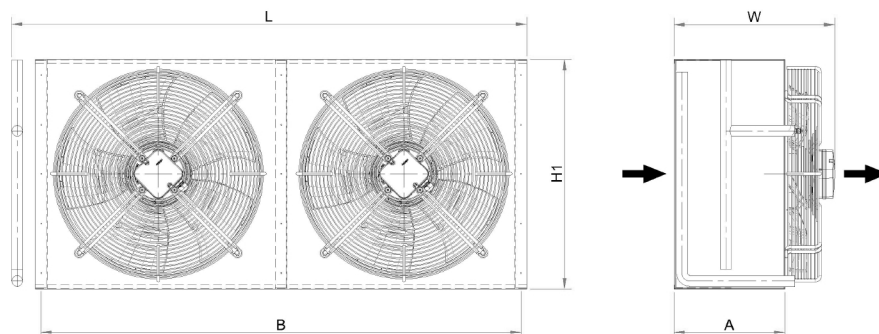


TCC E 050.A12-B4-25-S1N

Air Cooled Condensers

Heat Exchanger Technical Specifications

Model: TCC E 050.A12-B4-25-S1N



Dimensions

| | | | | | | | | | |
|-------------|--------|------------|--------|---------------|-----------------|----------------|---------------|-------------|---------|
| C : | 0 mm | W : | 430 mm | B : | 1530 mm | H2 : | 0 mm | L : | 1603 mm |
| H1 : | 760 mm | F : | 0 mm | E : | 0 mm | B1 : | 0 mm | A : | 280 mm |
| K : | 0 mm | Y : | 0 mm | ØDin : | 1 x 28 [1 1/8"] | ØDout : | 1 x 22 [7/8"] | Wg : | 41 kg |

Capacity Information

| | | | |
|-------------------------------|---------------------------------|-----------------------------|----------------------|
| Capacity | 36,696.38 Watt | Heat Transfer Area | 74.52 m ² |
| Air T-inlet-RH / T-outlet-RH | 25 °C-50 % / 33.02 °C - 31.27 % | Tube Volume | 8.6 dm ³ |
| Condensation Temperature / ΔT | 40.00 °C / 15 K | Fin Spacing | 2.5 mm |
| Sub Cooling / Gaz Sıcaklığı | 1 K / 70 °C | Test Pressure | 53 bar |
| Refrigerant | R404A (Dew) (GPW: 3922) | Max. Operating Pressure | 35 bar |
| Fluid Flow / Pressure Drop | 816.37 kg/h / 16.55 kPa | Energy Efficiency Class (3) | E |
| Altitude | 0 m | Pad Fluid Group | 2 |
| | | Pad Category | Gas-II |

Fan Specifications (ROSENBERG)

| | | | |
|-----------------------------|-----------------------------|---|--------|
| Airflow Rate | 13,912.76 m ³ /h | Air Throw (Std./Strm.&Diff.) [Ref:0,25 m/s] | - m |
| Fan Diameter / Motor Type | ø 500 mm / AC | Sound Power Level (LWA) | 83 dBA |
| Number of Fans | 2 Pcs | Sound Pressure Level (LPA)(2) | 51 dBA |
| Total Fan Power | 1.4 kW | Distance | 10 m |
| Total Fan Current | 6.4 A | Insulation Class | A |
| Voltage / Frequency / Phase | 230 V / 50 Hz / 1 Phase | Protection Class | IP54 |
| Fan Speed | 1245 d/d | Temperature Range | 55 °C |

Notes

- 1) Capacity Correction For Altitude is According To Engineering Calculations.
- 2) Sound Pressure Calculation Standard: En13487
- 3) Energy Efficiency Class Calculation Standards: En327 Standard. Standard Conditions: Tair Inlet=25 °C, Tcond.= 40 °C, R404A, P= 1,01325 Bar.
- 4) TWATT product selection program is a Thermoway thermal device software. The data and images used belong to TWATT. The unauthorized use of data and images is prohibited. TWATT reserves the right to change all size and capacity values without prior notice.
- 5) For high pressure refrigerants such as R410A, please contact us to check maximum working pressure.