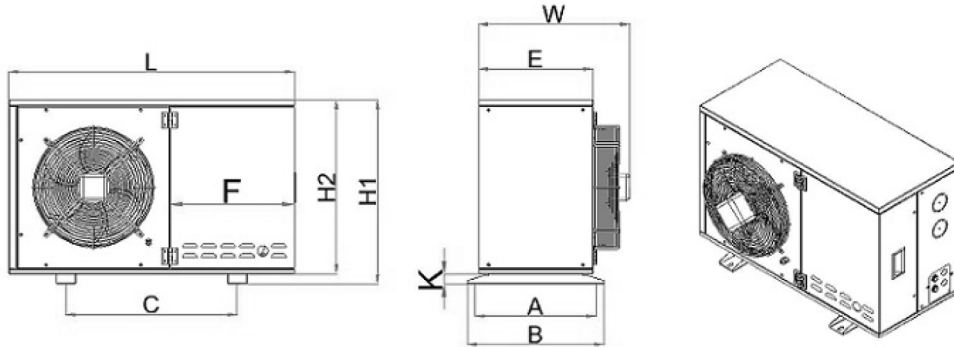


TBOX K03-011-145 LG-S1N

Air Cooled Condensers

Heat Exchanger Technical Specifications

Model: TBOX K03-011-145 LG-S1N



Dimensions

C :	700 mm	W :	505 mm	B :	440 mm	H2 :	650 mm	L :	1000 mm
H1 :	682 mm	F :	422 mm	E :	370 mm	B1:	0 mm	A :	401 mm
K :	32 mm	Y :	0 mm	ØDin :	1 x 19 [3/4"]	ØDout :	1 x 16 [5/8"]	Wg :	28 kg

Capacity Information

Capacity	9,209.72 Watt	Heat Transfer Area	10.57 m ²
Air T-inlet-RH / T-outlet-RH	25 °C-50 % / 31.59 °C - 33.93 %	Tube Volume	1.03 dm ³
Condensation Temperature / ΔT	40.00 °C / 15 K	Fin Spacing	2.1 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	204.88 kg/h / 38.58 kPa	Energy Efficiency Class (3)	E
Altitude	0 m	Pad Fluid Group	2
		Pad Category	Gas-SEP

Fan Specifications (ROSENBERG)

Airflow Rate	4,248.45 m ³ /h	Air Throw (Std./Strm.&Diff.) [Ref:0,25 m/s]	- m
Fan Diameter / Motor Type	Ø 450 mm / AC	Sound Power Level (LWA)	70 dBA
Number of Fans	1 Pcs	Sound Pressure Level (LPA)(2)	38 dBA
Total Fan Power	0.4 kW	Distance	10 m
Total Fan Current	2 A	Insulation Class	A
Voltage / Frequency / Phase	220 V / 50 Hz / 1 Phase	Protection Class	IP00
Fan Speed	1380 d/d	Temperature Range	60 °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.