

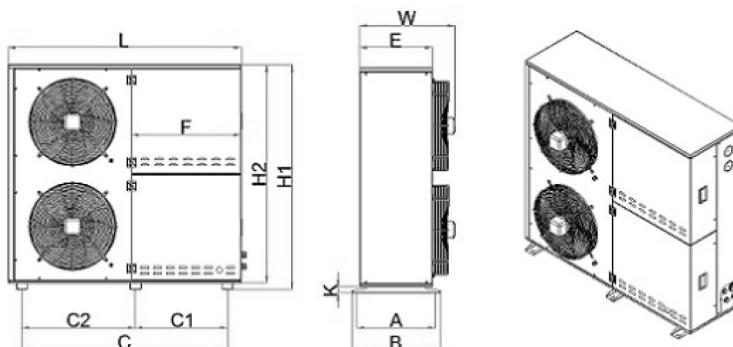
TBOX K05-043-245 LG-S1N

Air Cooled Condensers

Heat Exchanger Technical Specifications



Model: TBOX K05-043-245 LG-S1N



Dimensions

C :	1130 mm	W :	538 mm	B :	490 mm	H2 :	1200 mm	L :	1280 mm
H1 :	1233 mm	F :	602 mm	E :	400 mm	B1:	0 mm	A :	451 mm
K :	33 mm	Y :	0 mm	ØDin :	1 x 28 [1 1/8"]	ØDout :	1 x 22 [7/8"]	Wg :	64 kg

Capacity Information

Capacity	27,302.60 Watt	Heat Transfer Area	40.34 m ²
Air T-inlet-RH / T-outlet-RH	25 °C-50 % / 34.83 °C - 28.22 %	Tube Volume	3.96 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	607.39 kg/h / 26.62 kPa	Energy Efficiency Class (3)	E
Altitude	0 m	Pad Fluid Group	2
		Pad Category	Gas-I

Fan Specifications (ROSENBERG)

Airflow Rate	8,439.42 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)	73 dBA
Number of Fans	2 Pcs	Sound Pressure Level (LPA)(2)	41 dBA
Total Fan Power	0.8 kW	Distance	10 m
Total Fan Current	4 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.