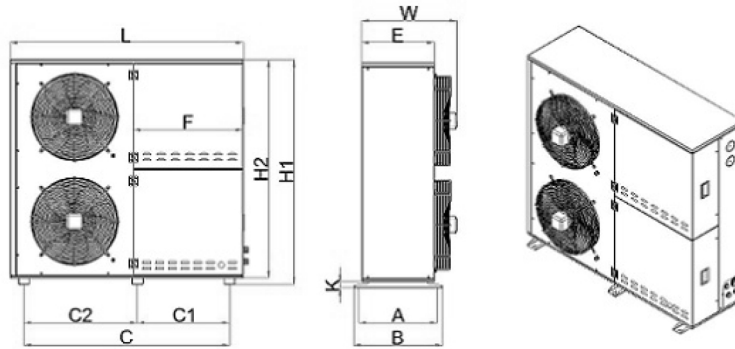


# TBOX K07-057-250 LG-S1N

## Air Cooled Condensers

### Heat Exchanger Technical Specifications

Model: TBOX K07-057-250 LG-S1N



## Dimensions

<b>C :</b>	1625 mm	<b>W :</b>	590 mm	<b>B :</b>	537 mm	<b>H2 :</b>	1200 mm	<b>L :</b>	1800 mm
<b>H1 :</b>	1234 mm	<b>F :</b>	890 mm	<b>E :</b>	450 mm	<b>B1 :</b>	0 mm	<b>A :</b>	498 mm
<b>K :</b>	34 mm	<b>Y :</b>	0 mm	<b>ØDin :</b>	1 x 35 [1 3/8"]	<b>ØDout :</b>	1 x 28 [1 1/8"]	<b>Wg :</b>	104 kg

## Capacity Information

Capacity	38,529.24 Watt	Heat Transfer Area	53.70 m <sup>2</sup>
Air T-inlet-RH / T-outlet-RH	25 °C-50 % / 34.73 °C - 28.38 %	Tube Volume	5.28 dm <sup>3</sup>
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	857.14 kg/h / 36.65 kPa	Energy Efficiency Class (3)	E
Altitude	0 m	Pad Fluid Group	2
		Pad Category	Gas-II

## Fan Specifications (ROSENBERG)

Airflow Rate	12,033.38 m <sup>3</sup> /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.