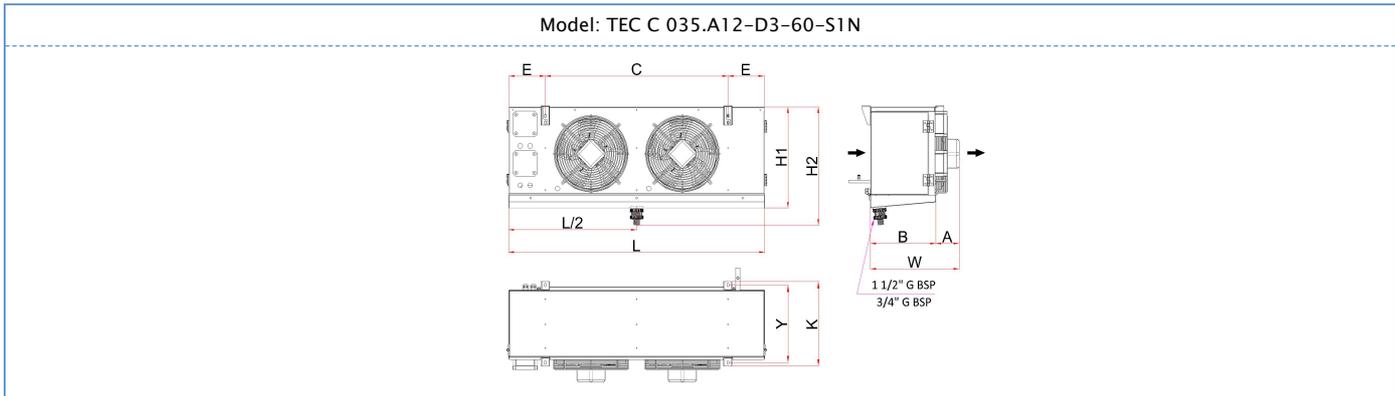




# TEC C 035.A12-D3-60-S1N

## Air Cooler

### Heat Exchanger Technical Specifications



Dimensions									
<b>C :</b>	1070 mm	<b>W :</b>	436 mm	<b>B :</b>	311 mm	<b>H2 :</b>	619 mm	<b>L :</b>	1422 mm
<b>H1 :</b>	544 mm	<b>F :</b>	0 mm	<b>E :</b>	176 mm	<b>B1 :</b>	0 mm	<b>A :</b>	125 mm
<b>K :</b>	390 mm	<b>Y :</b>	350 mm	<b>ØDin :</b>	1 x 12 [1/2"]	<b>ØDout :</b>	1 x 22 [7/8"]	<b>Wg :</b>	42 kg

Evaporator Capacity Information			
Capacity	3.42 kWatt	Heat Transfer Surface	13.93 m <sup>2</sup>
Average Room Temperature / Relative Humidity	-18.00 - 95 % / -19.56 °C - 97.39%	Tube Volume	3.07 dm <sup>3</sup>
Evaporation Temperature / ΔT	-25.00 °C / 7 K	Fin Spacing	6 mm
Superheating / Subcooling	4.5 K / 1 K	Test Pressure	40 bar
Condensation Temperature	40 °C	Max. Operating Pressure	26 bar
Refrigerant	R404A (Dew) (GPW: 3922)	Energy Efficiency Class (3)	E
Fluid Flow / Pressure Drop	0 kg/h / 0 kPa	Pad Fluid Group	2
Altitude	0 m	Pad Category	Gas-SEP

Evaporator Fan Information (ROSENBERG)			
Air Flow / Air Velocity	5,015.88 m <sup>3</sup> /h / 2.79 m/s	Air Throw (Stand./Streamer)[Ref:0,25m/s]	13/23 m
Fan Diameter / Motor Type	ø 350 mm / AC	Sound Power Level (LWA)	103 dBA
Number Of Fan	2 Pcs	Sound Pressure Level (LPA)(2)	81 dBA
Total Fan Power	0.32 kW	Distance	3 m
Total Fan Current	1.5 A	Insulation Class	A
Voltage / Frequency / Phase	220 V / 50 Hz / 1 Phase	Protection Class	IP00
Fan Speed	1400 d/d	Temperature Range	60 °C

Configuration	Configuration	Price
Fan Option	With Rosenberg Fan RSB.AC350S50S1N	238.00 €
Casing Type	Painted Galvanized Steel	0.00 €
Fin Material	Aluminum	0.00 €
Tube Type	Standard Thickness Pipe	0.00 €
Defrost Type	E2 Defrost (Coil + Tray) (Watt)	113.00 €
	Product List Price	538.00 €
	Configuration Price Difference	351.00 €
	Product List Price (Without Tax)	889.00 €

### Notes.

- 1) Capacity Correction For Altitude is According To Engineering Calculations.
- 2) Sound Pressure Calculation Standard: En13487
- 3) Energy Efficiency Class Calculation Standards: En328 Standard. Standard Conditions: Sc2,R404A
- 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.

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