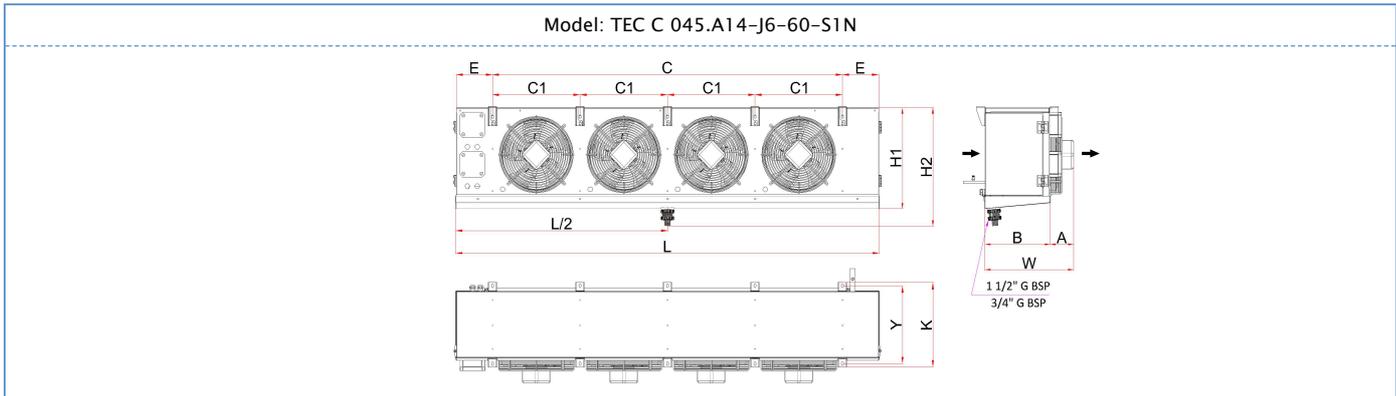




TEC C 045.A14-J6-60-S1N

Air Cooler

Heat Exchanger Technical Specifications



Dimensions					
C :	2430 mm	W :	601 mm	B :	472 mm
H1 :	639 mm	F :	0 mm	E :	176 mm
K :	550 mm	Y :	510 mm	ØDin :	1 x 19 [3/4"]
				H2 :	714 mm
				B1 :	0 mm
				ØDout :	1 x 35 [1 3/8"]
				L :	2782 mm
				A :	130 mm
				Wg :	133 kg

Evaporator Capacity Information			
Capacity	17.73 kWatt	Heat Transfer Surface	91.64 m ²
Average Room Temperature / Relative Humidity	-18.00 - 95 % / -20.28 °C - 97.19%	Tube Volume	24.32 dm ³
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	17,639.50 m ³ /h / 3.65 m/s	Air Throw (Stand./Streamer)[Ref:0,25m/s]	21/36 m
Fan Diameter / Motor Type	∅ 450 mm / AC	Sound Power Level (LWA)	76 dBA
Number Of Fan	4 Pcs	Sound Pressure Level (LPA)(2)	54 dBA
Total Fan Power	1.6 kW	Distance	3 m
Total Fan Current	8 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

Configuration	Configuration	Price
Fan Option	With Rosenberg Fan RSB.AC450S50S1N	663.00 €
Casing Type	Painted Galvanizing Steel	0.00 €
Fin Material	Aluminum	0.00 €
Tube Type	Standard Thickness Pipe	0.00 €
Defrost Type	E2 Defrost (Coil + Tray) (Watt)	270.00 €
	Product List Price	2,155.00 €
	Configuration Price Difference	933.00 €
	Product List Price (Without Tax)	3,088.00 €

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.

Thermoway Product Selection Software / Version 2026.01.v0