

Air Cooler Direct Expansion | SPBE 45-F53 HX32

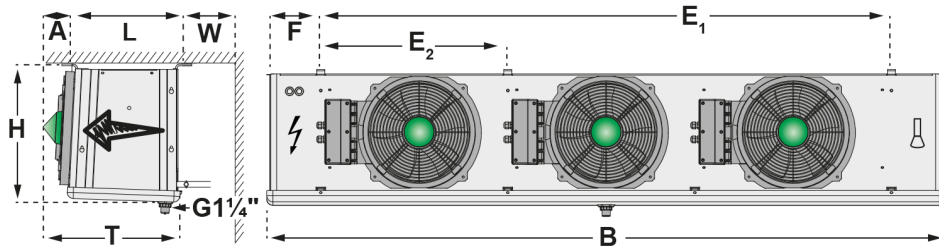
Capacity [kW]	Air inlet temp. [°C]	Rel. humidity [%]	Air outlet temp. [°C]	Evaporation temp. [°C]	Refrigerant	Operation mode
34,26	0,0	85	-4,0	-10,0 (Dew point)	R404A	AC

Air data		Heat exchanger		Materials	
Air volume flow	16.950 m ³ /h	Surface	82,7 m ²	Tubes	Copper
Ext. static pressure	0 Pa	Fin spacing	7 mm	Fins	Alu
Air throw	40 m	Internal volume	23,9 dm ³	End plates	Alu
Altitude	0 m	Liquid temp.	20,4 °C	Casing	Alu, galvanised steel
Air outlet rel. humidity	95,2 %	Superheating temp.	-3,5 °C	Finish	
		Max. operating pressure	32,0 bar		

Fan(s)		
3 Piece(s): 230V/1Ph/50Hz; IP44		
Fan diameter	450 mm	Selected speed data (per fan)
Range of temp.	-40,0 to 45,0 °C	Operation mode AC - S1
Sound power LwA	86 dB(A)	Speed 1400 rpm
Sound pressure LpA (3m)	64 dB(A)	Power consumption 490 W
Optional controller, on site	Phase control, Transformer, Frequency converter	Operating current 2,7 A
ErP	2015	Energy efficiency class EEC D
		Fan set serial plate data (per fan)
		Operation mode AC
		Speed 1390 rpm
		Power consumption 510 W
		Current draw 2,8 A
		Protector Built in protector, connected on site

Connections	Weight	Defrost
Inlet	Cu 22 mm	Electric defrost 400V-3/N/PE-50/60Hz
Outlet	Cu 42 mm	Coil 8,00 kW
Refrigerant distribution	Venturi	Drip tray 2,20 kW
		Total 10,20 kW

Dimensions



B 3130 mm
L 470 mm
A 120 mm

H 662 mm
E₁ 2730 mm

W 400 mm
E₂ 900 mm

T 573 mm
F 200 mm

Packing dimensions (height x length x width): 880 x 3240 x 750 mm

Options and Accessories

CATEGORY	OPTIONS AND ACCESSORIES	ITEM
Coil	010.9 Tube type	Tubes copper, max. operating pressure 32 bar
Coil	011.1 Fin type	Fins alu
Fan(s)	071.3 AC fans	AC, 230 V - 1 Ph - 50/60 Hz
Defrost	031.6 Electric defrost	Electric defrost in coil and drip tray (heavy)

Subject to modifications.

Any data or other information in this selection software shall be deemed to be a general description of product properties and shall not be binding upon Kelvion. Binding product specifications may be agreed by Kelvion in bids, proposals, tenders or other offers issued in response to inquiries or calls for tenders or other invitations to bid.

Old item number: 4463.45-53 + V3.10

Kelvion Code: spbe-45-f53-hx32-e8e557da-81e5

You can return to your current configuration with the following link:

<https://selectrt.kelvion.com/code/spbe-45-f53-hx32-e8e557da-81e5>

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