

## Air Cooler Direct Expansion | SPBE 45-F43 HX32

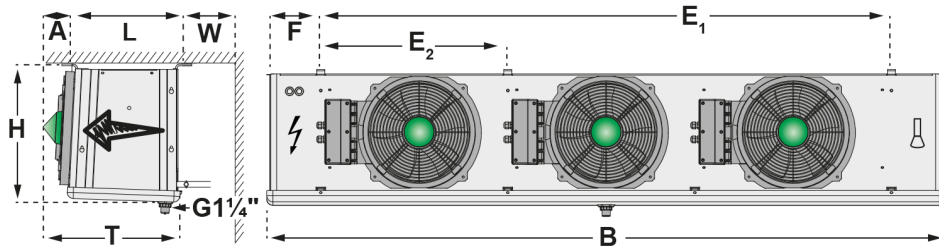
Capacity [kW]	Air inlet temp. [°C]	Rel. humidity [%]	Air outlet temp. [°C]	Evaporation temp. [°C]	Refrigerant	Operation mode
<b>28,52</b>	<b>0,0</b>	<b>85</b>	<b>-3,4</b>	<b>-10,0 (Dew point)</b>	<b>R404A</b>	<b>EC</b>

Air data		Heat exchanger		Materials	
<b>Air volume flow</b>	16.380 m³/h	<b>Surface</b>	66,4 m²	<b>Tubes</b>	Copper
<b>Ext. static pressure</b>	0 Pa	<b>Fin spacing</b>	7 mm	<b>Fins</b>	Alu
<b>Air throw</b>	37 m	<b>Internal volume</b>	19,9 dm³	<b>End plates</b>	Alu
<b>Altitude</b>	0 m	<b>Liquid temp.</b>	20,4 °C	<b>Casing</b>	Alu, galvanised steel
<b>Air outlet rel. humidity</b>	93,9 %	<b>Superheating temp.</b>	-3,5 °C	<b>Finish</b>	
		<b>Max. operating pressure</b>	32,0 bar		

Fan(s)					
3 Piece(s): 230V/1Ph/50-60Hz; IP54		Selected speed data (per fan)		Fan set serial plate data (per fan)	
<b>Fan diameter</b>	450 mm	<b>Operation mode</b>	EC - S1	<b>Operation mode</b>	EC
<b>Range of temp.</b>	-25,0 to °C 60,0	<b>Speed</b>	1310 rpm	<b>Speed</b>	1300 rpm
<b>Sound power LwA</b>	85 dB(A)	<b>Power consumption</b>	305 W	<b>Power consumption</b>	345 W
<b>Sound pressure LpA (3m)</b>	63 dB(A)	<b>Operating current</b>	2,0 A	<b>Current draw</b>	2,2 A
<b>Optional controller, on site</b>		<b>Control voltage EC</b>	V	<b>Protector</b>	Built in protector, connected internal
<b>ErP</b>	2015	<b>Energy efficiency class EEC</b>	C		

Connections		Weight		Defrost	
<b>Inlet</b>	Cu 22 mm	<b>Dry weight</b>	132,2 kg	<b>Electric defrost</b>	400V-3/N/PE-50/60Hz
<b>Outlet</b>	Cu 42 mm	<b>Weight incl. packing</b>	267,2 kg	<b>Coil</b>	6,50 kW
<b>Refrigerant distribution</b>	Venturi			<b>Drip tray</b>	2,18 kW
				<b>Total</b>	8,68 kW

## Dimensions



B 3130 mm  
L 510 mm  
A 118 mm

H 657 mm  
E<sub>1</sub> 2730 mm

W 400 mm  
E<sub>2</sub> 900 mm

T 613 mm  
F 200 mm

Packing dimensions (height x length x width): 875 x 3240 x 790 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)	070.1 EC fans	EC, one fixed speed, 230 V - 1 Ph - 50/60 Hz (V1.50)
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: 4463.45-43 + V3.10

Kelvion Code: spbe-45-f43-hx32-ded1e3b5-77d5

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

<https://selectrt.kelvion.com/code/spbe-45-f43-hx32-ded1e3b5-77d5>

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