

DRY COOLER | LF-PD203T4H-080Y06D

BASIC DATA					
Capacity [kW]	515,87	Fluid inlet [°C]	55,0	Rel. humidity [%]	41,2
Volume flow rate [m³/h]	36,41	Fluid outlet [°C]	42,0	Coils x Sections x Circuits	1 x 2 x 68
Fluid	Ethylene Glycol 30,0 % vol	Pressure drop [kPa]	24	Passes (per coil)	2
		Ambient [°C]	32,0	Operation mode	AC

AIR DATA	
Air volume flow	130.014 m³/h
Fans in stand-by	-
Ext. static pressure	0 Pa
Altitude	0 m
Air outlet temp.	44,8 °C
Coil direction	Horizontal
Air direction	Vertical

HEAT EXCHANGER	
Surface	1.261 m²
Fin spacing	2,3 mm (11 FPI)
Internal volume	205,2 dm³
Int. fluid velocity	0,67 m/s
Max. operating pressure ⁽¹⁾	10 bar

MATERIALS	
Tubes	Copper
Fins	Alu
Casing	
Finish	
Corrosion class	-

FAN(S)

6 PIECE(S) : 400V/3PH/50HZ; IP54	
Fan diameter	800 mm
Range of temp.	-35,0 to 60,0 °C
Sound power LwA ⁽²⁾	94 dB(A)
Sound pressure LpA (10m) ⁽²⁾	61 dB(A)

SOUND POWER SPECTRUM	
Sound power spectrum 125 Hz	- dB
Sound power spectrum 250 Hz	- dB
Sound power spectrum 500 Hz	- dB
Sound power spectrum 1 kHz	- dB
Sound power spectrum 2 kHz	- dB
Sound power spectrum 4 kHz	- dB
Sound power spectrum 8 kHz	- dB

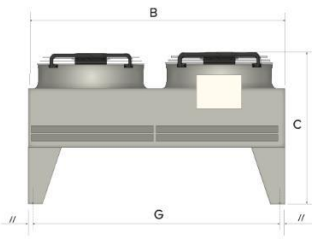
FAN SET SERIAL PLATE DATA (PER FAN) ⁽³⁾	
Speed	870 rpm
Power nominal	1.850 W
Starting current	15,2 A
Full load current	3,8 A
SELECTED SPEED DATA (PER FAN) ⁽³⁾	
Speed	870 rpm
Power input	1.708 W
Operating current	3,8 A

CONNECTIONS	
Connections in/out	2 x 100 mm
Ends	Same ends
Type	Flange

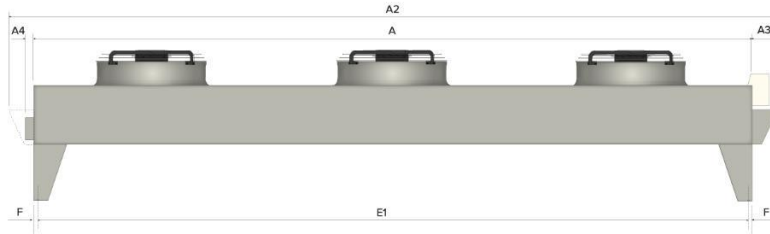
WEIGHT	
Dry weight	1.258 kg
Weight incl. fluid	1.471 kg

REGULATION(S)	
ErP	2015
Energy efficiency class (2015)	D
PED Category	0

DIMENSIONS (4)



A 6.303 mm
A3 195 mm
F 40 mm



B 2.260 mm
C 1.366 mm
A2 6.693 mm
A4 70 mm
G 2.174 mm
E₁ 6.223 mm

OPTIONS AND ACCESSORIES

CATEGORY		OPTIONS AND ACCESSORIES	ITEM	ITEM NO.	LIST PRICE
Coil	016.7	Connections	2 x Flanges, 100 mm		1.748,00 €
Fan(s)	371.3	Wiring	Fans wired on one central junction box		668,00 €
Packing	500.9	Packing material	Unpacked		0,00 €

PRICES

Basic price:	29.347,00 €
Options and Accessories:	2.416,00 €
Material- and Energy Surcharge:	2.159,88 €
Total price:	33.922,88 €

Subject to modifications:

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. The certified performances and conditions in this software are in line with performances and conditions published on EUROVENT website. Those performances can be verified in www.eurovent-certification.com

Notes

- (1) Classification acc. to EU Pressure Equipment Directive: Category "0" when fluid group "2" at max. allowable pressure of PS = 10 bar.
- (2) Figures derived according to EN 13487. Sound pressure level given is mean value free field over reflective plain. Tolerances: ± 2 dB (global) / ± 5 dB (octave band). These values can be affected by the site environment.
- (3) The current consumption can vary depending on air density and mains voltage.
- (4) Weights and dimensions do not apply to all possible variants.
- (5) If frequency converters are used for speed control, please take into account the guidelines of the fan-set manufacturer.
- (6) The use of low speed fans in combination with phase control can cause humming noise.
- (7) Kelvion will define the production site depending e.g. on type series, execution and location.

Version: 23.0316.1252

KELVION CODE: LF-PD203T4H-080Y06D-53FFCB06-0872

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

<https://selectrt.kelvion.com/code/lf-pd203t4h-080y06d-53ffcb06-0872>

Creation date: Mar 31, 2023