EDS Range

Dual flow air coolers



Power range
2,4-7,8 kW

- Version for CO_2 and glycol
- 4 and 6 pole fans with very low air speed, providing high comfort level and low noise level
- Air coolers specifically designed for work areas
- They can be completely disassembled for easy cleaning





Technical Specifications

Coil: Manufactured in 1/2" staggered tube, and aluminum fins with 4 mm or 6 mm separation.

Bodywork: Made of ABS with curved shapes for easy cleaning. It can be completely disassembled leaving the coil bare, thus allowing for its easy cleaning even out of the cellar. Stainless steel mounting hardware and inner drip pan. Turned and angled drain for reducing space in cellar.

Fans: External rotor fans single phase 220V 50Hz, of 4 or 6 poles, to obtain an air flow of 2m/second, a low noise level and above all a high level of confort is provided in the work área. They are connected to an IP54 connections box and have a fan guard in accordance to the current safety rules 2006/42/CE.

Defrost: With stainless steel-armored electric resistors and watertight housing, connected to standard IP54 junction box.

Options

- Coil treated with Blygold
- Expansion valve.
- Glycol Version
- CO_2 Version

Codification Description

EDS	W	14	A	4	E
Range	**Refrigerant** Ø=HFC C = CO_2 W = Glycol	**Model**	**Fin spacing** A = 3,5 mm B = 6 mm	**Number of poles** 4 = 4 poles 6 = 6 poles	**Defrost** E = With electric heaters P = Dobles resistencias Ø = Without Defrost

The manufacturer reserves all rights to make any changes without prior notice.

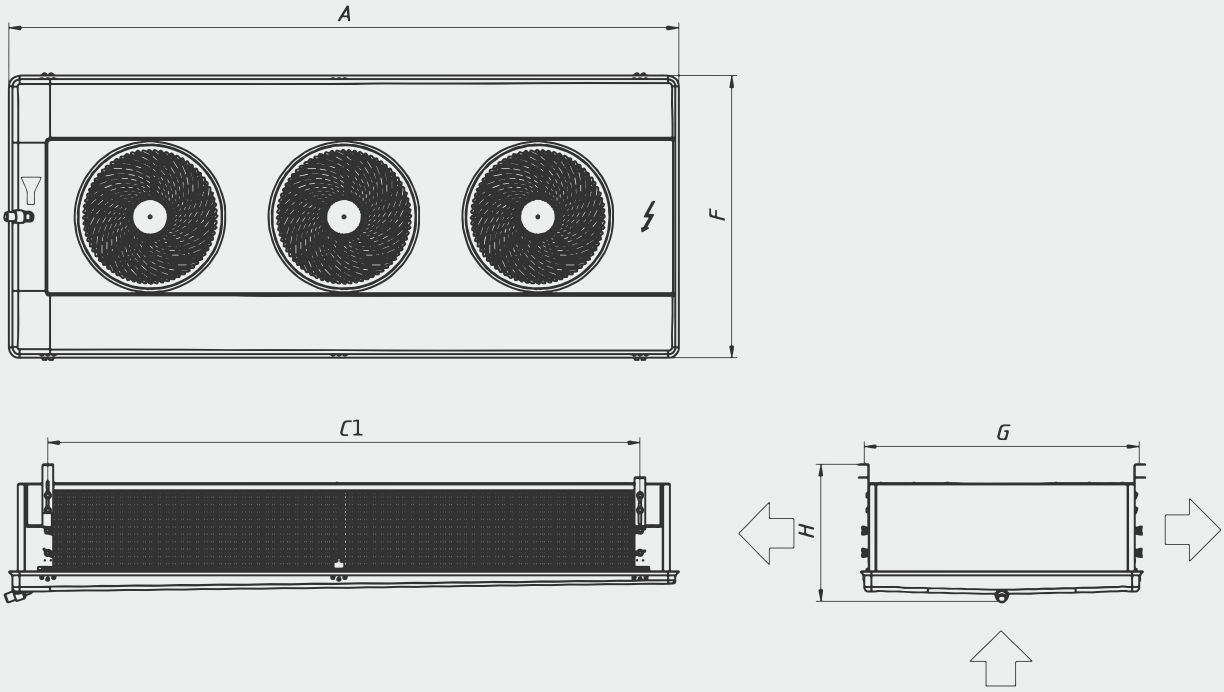
Technical data

Fin spacing = 3,5 mm

Model	Capacity				Area (m²)	Fans						Weight (kg)
	Standard Conditions EN328 R404A		Propylene Glycol 30% DP=50 kPa Tc=12°C $T_{IN\ Glycol}$=0°C			Air throw (m)	Air Flow (m³/h)	N° x Ø	A	W	dB(A) (5m)	
	SC1 (kW)	SC2 (kW)	P (kW)	Q (l/h)								
EDS14A4	3,52	2,41	3,67	830	13,1	10	2650	1x360	0,8	175	46	22
EDS14A6	2,96	2,03	3,70	830		7	1750	1x360	0,3	63	36	
EDS16A4	4,87	3,34	4,23	710	19,7	10	2550	1x360	0,8	175	46	24
EDS16A6	3,81	2,61	4,02	706		7	1600	1x360	0,3	63	36	
EDS24A4	7,06	4,83	8,30	1.990	26,3	10	5300	2x360	1,6	350	49	35
EDS24A6	5,93	4,06	7,95	1.990		7	3500	2x360	0,6	126	39	
EDS26A4	9,74	6,66	7,69	1.590	39,4	10	5100	2x360	1,6	350	49	41
EDS26A6	7,62	5,22	7,72	1.580		7	3200	2x360	0,6	126	39	
EDS34A4	10,58	7,24	12,68	2.920	39,4	10	7950	3x360	2,4	525	51	51
EDS34A6	8,89	6,09	12,13	2.910		7	5250	3x360	0,8	189	41	
EDS36A4	14,60	10,00	16,72	3.880	59,1	10	7650	3x360	2,4	525	51	58
EDS36A6	11,43	7,82	14,86	3.880		7	4800	3x360	0,8	189	41	

Fin spacing = 6 mm

Model	Capacity					Area (m²)	Fans						Weight (kg)
	Standard Conditions EN328 R404A			Propylene Glycol 30% DP=50 kPa Tc=0°C $T_{IN\ Glycol}$=-10°C			Air throw (m)	Air Flow (m³/h)	N° x Ø	A	W	dB(A) (5m)	
	SC1 (kW)	SC2 (kW)	SC3 (kW)	P (kW)	Q (l/h)								
EDS14B4	3,26	2,23	1,79	2,54	720	8,2	11	2.750	1x360	0,8	175	46	20
EDS14B6	2,64	1,81	1,45	2,30	720		7	1.800	1x360	0,3	63	36	
EDS16B4	4,23	2,90	2,32	2,83	560	12,3	11	2.650	1x360	0,8	175	46	22
EDS16B6	3,57	2,44	1,96	2,53	555		7	1.650	1x360	0,3	63	36	
EDS24B4	6,52	4,46	3,57	4,57	1.780	16,4	11	5.500	2x360	1,6	350	49	31
EDS24B6	5,29	3,62	2,90	4,17	1.780		7	3.600	2x360	0,6	126	39	
EDS26B4	8,46	5,79	4,64	5,45	1.320	24,6	11	5.300	2x360	1,6	350	49	36
EDS26B6	7,14	4,89	3,91	4,88	1.310		7	3.300	2x360	0,6	126	39	
EDS34B4	9,79	6,70	5,36	6,75	2.620	24,6	11	8.250	3x360	2,4	525	51	45
EDS34B6	7,94	5,43	4,35	6,15	2.610		7	5.400	3x360	0,8	189	41	
EDS36B4	12,63	8,64	6,92	8,72	3.500	36,7	11	7.950	3x360	2,4	525	51	50
EDS36B6	10,66	7,29	5,84	7,76	3.500		7	4.950	3x360	0,8	189	41	



EDS / Common Data

Model	Volume (dm³)	Defrost		Connection		Drain pipe	Dimensions				
		Normal (W)	Enhancing (W)	IN (Inches)	OUT (Inches)	(Inches)	A (mm)	C1 (mm)	F (mm)	G (mm)	H (mm)
EDS14	3,0	700		1/2"	5/8"	3/4"	800	580	800	780	398
EDS16	4,4	700	1400	1/2"	5/8"	3/4"	800	580	800	780	398
EDS24	5,9	2.000		1/2"	7/8"	3/4"	1.350	1.130	800	780	398
EDS26	8,8	2.000	4000	1/2"	7/8"	3/4"	1.350	1.130	800	780	398
EDS34	8,9	3.000		1/2"	7/8"	3/4"	1.900	1.680	800	780	398
EDS36	13,3	3.000	6000	1/2"	1-1/8"	3/4"	1.900	1.680	800	780	398

I-CO-15.4-EDS

The manufacturer reserves all rights to make any changes without prior notice.