

ABT Range

Blast chillers



Power range
17,5-63,8 kW



Aluminum bodywork Painted



Quick and high air pressure



Version for CO₂ and glycol



For applications at
freezing or fast cooling

Technical Specifications

Coil: Manufactured in 1/2" staggered tube, and aluminum fins with 10 mm separation.

Bodywork: Manufactured entirely with white lacquered aluminum with kiln-cooked epoxy polyester. Stainless steel mounting hardware. Threaded and angle-welded aluminum drain that prevents leaks and breaks and reduces space in cellar. Drip pan between coil and Bodywork: . Spacing between fans; each fan works on its corresponding coil section, thus avoiding air bypass effect. Adjustable feet.

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

Fans: External rotor, three-phase 400v 50/60Hz. Connected to IP54 junction box. Protected with grating as per 2006/42/EC regulations.

Options

- Coil with Blygold treatment
- Expansion valve
- Electric resistors in fan
- Single-phase motors
- Electronics EC motors
- Electric defrosting only on pan
- Water defrosting
- Isolated pan
- Glycol version
- CO₂ version

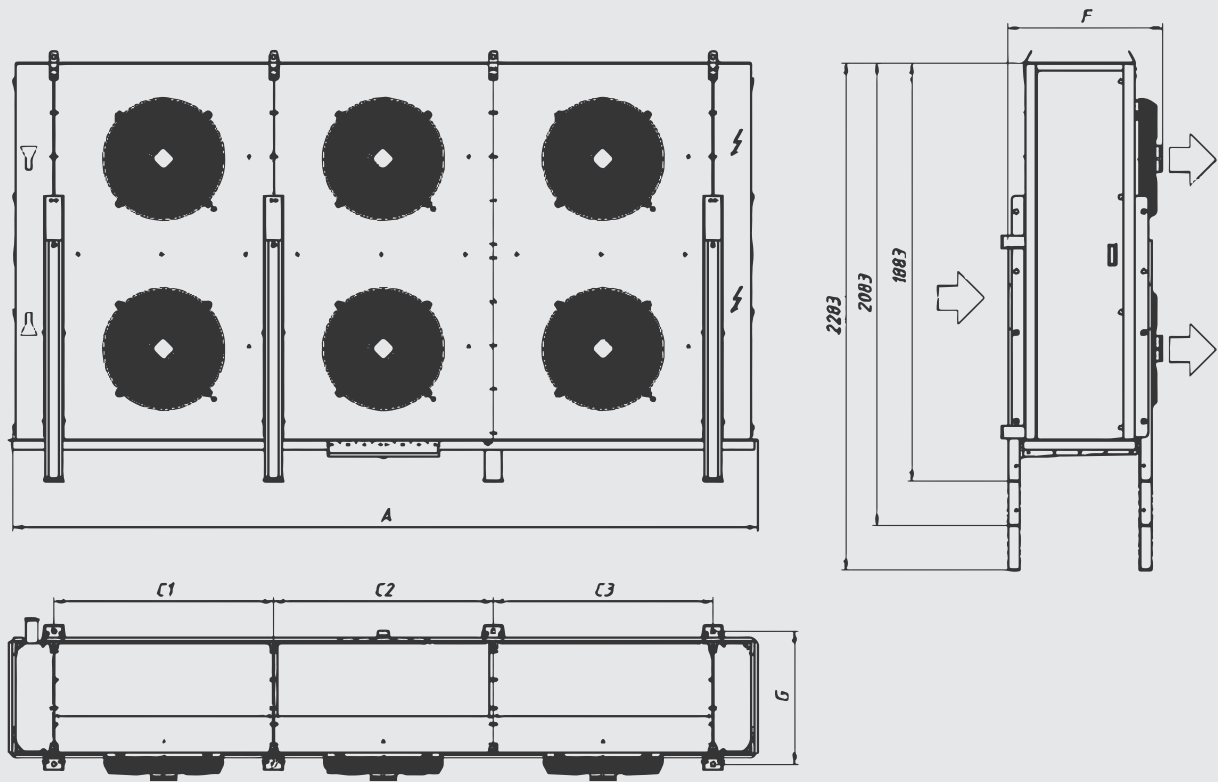


Technical data

Model	Capacity						Area (m ²)	Volume (dm ³)	Fans				
	Standard Conditions EN328 R404A			Standard Conditions EN328 R744 (CO ₂)					Air throw (m)	Air Flow m ³ /h	N° x Ø	A	W
	SC2 (kW)	SC3 (kW)	SC4 (kW)	SC2 (kW)	SC3 (kW)	SC4 (kW)							
ABT 15	24,1	19,3	15,9	28,9	23,2	19,1	83,5	27,5	50	16.400	2 x 500	2,8	1.440
ABT 18	27,7	22,1	18,3	33,8	27,1	22,3	111,4	36,6	45	15.400	2 x 500	2,8	1.440
ABT 25	47,6	38,1	31,4	58,0	46,4	38,3	168,0	54,6	50	32.800	4 x 500	5,6	2.880
ABT 35	57,3	45,8	37,8	67,8	54,3	44,8	223,0	72,2	45	30.800	4 x 500	5,6	2.880
ABT 45	73,0	58,4	48,2	86,8	69,5	57,3	251,0	82,5	50	49.200	6 x 500	8,5	4.320
ABT 50	82,0	65,6	54,1	101,5	81,2	67,0	335,0	109,8	45	46.200	6 x 500	8,5	4.320

Codification Description

ABT	C	15	C	E	T
↑	↑	↑	↑	↑	↑
Range	Refrigerant Ø = HFC C = CO ₂	Model	Fin spacing A = 4,5 mm B = 7 mm C = 10 mm	Defrost E = Electric P = Enhancing G = Hot gas A = Water Ø = Without Defrost	Type of motor M = Single-phase T = Three-phase Ø = Without motor



ABT

ABT / Common Data	Model	Defrost		Connection		Drain pipe (Inches)	Dimensions						Weight (kg)
		Normal W	Enhancing W	IN (Inches)	OUT (Inches)		C1 (mm)	C2 (mm)	C3 (mm)	F (mm)	G (mm)	A (mm)	
ABT 15	12.000	18.000	2 x 7/8"	2 x 1-3/8"	1"	990	-	-	700	599	1.410	150	
ABT 18	16.000	24.000	2 x 7/8"	2 x 1-3/8"	1"	990	-	-	700	599	1.410	170	
ABT 25	24.000	36.000	2 x 1-3/8"	2 x 1-5/8"	1"	1.980	-	-	700	599	2.400	270	
ABT 35	32.000	48.000	2 x 1-3/8"	2 x 1-5/8"	1"	1.980	-	-	700	599	2.400	320	
ABT 45	30.000	45.000	2 x 1-3/8"	2 x 1-5/8"	1-1/2"	990	990	990	700	599	3.390	410	
ABT 50	40.000	60.000	2 x 1-3/8"	2 x 1-5/8"	1-1/2"	990	990	990	700	599	3.390	470	

I-CO-27.1-ABT