



ACF line is the ideal product whenever air displacement is required. It is available in 18", 21" and 26" with wall-housing in galvanized steel or stainless steel for maximum corrosion resistance. Produced with highly resistant materials, it has been designed in order to ensure high energy efficiency and excellent versatility. ACF ensures low noise levels to grant productive labor conditions for the workers. The entire line is tested in our PERIlab and certified by BessLab.



Direct drive



4 practical eyelets for easy suspension



Aerodynamic blades in aluminium alloy



Double safety netting



Technical features, dimensions and loading possibilities

ACF 18 - AMCA 230-12 test number Bess Lab: C09053; C09052

Model	Diameter Ø	Voltage	Frequency	Thrust	Propeller speed rotation	Power consumption	Thrust efficiency ratio	Air flow	Air flow*	Specific power input	Efficacy
ACF 18	18 inch 457 mm	200-230 V	50 Hz	1,27 lbf	924 RPM	122 W	10,40 lbf/kW	3.180 m³/h	4.500 m³/h	38,36 W/(1000 m³/h)	15,3 ccfm/W
				0,58 kgf				4,72 kgf/kW	1.870 ccfm		
			60 Hz	1,39 lbf	1.079 RPM	147 W	9,45 lbf/kW	3.310 m³/h	4.690 m³/h	44,41 W/(1000 m³/h)	13,3 ccfm/W
				0,63 kgf				4,29 kgf/kW	1.950 ccfm		

ACF 21- AMCA 230-12 test number Bess Lab: C15048; C15051

Model	Diameter Ø	Voltage**	Frequency	Thrust	Propeller speed rotation	Power consumption	Thrust efficiency ratio	Air flow	Air flow*	Specific power input	Efficacy
ACF 21	20 inch 508 mm	Δ 220-240 V Y 380-420 V	50 Hz	3,09 lbf	1460 RPM	236 W	13,1 lbf/kW	5.386 m³/h	7.620 m³/h	43,81 W/(1000 m³/h)	13,4 ccfm/W
				1,40 kgf				3.170 ccfm	4.480 ccfm		
		Δ 220-270 V Y 380-460 V	60 Hz	4,20 lbf	1690 RPM	357 W	11,8 lbf/kW	6.286 m³/h	8.890 m³/h	56,8 W/(1000 m³/h)	10,4 ccfm/W
				1,90 kgf				3.700 ccfm	5.230 ccfm		

ACF 26 - AMCA 230-12 test number Bess Lab: C150446; C15044

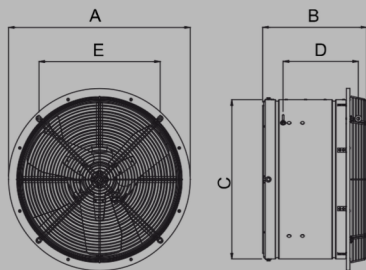
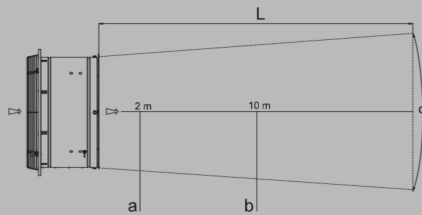
Model	Diameter Ø	Voltage***	Frequency	Thrust	Propeller speed rotation	Power consumption	Thrust efficiency ratio	Air flow	Air flow*	Specific power input	Efficacy
ACF 26	25 inch 635 mm	Δ 220-240 V Y 380-420 V	50 Hz	5,85 lbf	940 RPM	462 W	12,7 lbf/kW	9.276 m³/h	13.120 m³/h	49,8 W/(1000 m³/h)	11,8 ccfm/W
				2,65 kgf				5.460 ccfm	7.720 ccfm		
		Δ 220-270 V Y 380-460 V	60 Hz	5,68 lbf	1120 RPM	417 W	13,6 lbf/kW	9.140 m³/h	12.920 m³/h	45,6 W/(1000 m³/h)	12,9 ccfm/W
				2,57 kgf				5.380 ccfm	7.600 ccfm		

*Using ANSI/AMCA Standard 230-99 method.

**Single phase motor available on request.

***Single phase motors, different voltage and speed regulable motors over transformers are available on request.

Note: tested with two safety nets.



Air outlet cone

Model	α	L	a	b
ACF 26	32°	45 m	5,6 m/s	1,5 m/s
ACF 21	19°	45 m	4,1 m/s	1,7 m/s
ACF 18	42°	28 m	2,7 m/s	1 m/s

Dimensions	ACF 18	ACF 21	ACF 26
Dimension - A - [mm]	470	610	732
Dimension - B - [mm]	500	350	400
Dimension - C - [mm]	--	533	654
Dimension - D - [mm]	--	251	286
Dimension - E - [mm]	--	407	494
Sound pressure level Lpa [dB]*	65	67,6	73
Net weight [kg]	12	16	28
Gross weight [kg]	15	18	--
Dimension carton box (LxWxH) [mm]	500x500x530	620x620x370	--

*Measurement surface according to UNI EN ISO 3744, pic C.7

Loading possibilities on pallet

Model	18	21	21	26	26
Fully assembled version (FA)		Type A	Type B	Type A	Type B
LxWxH [mm]	980x980x2240	1240x1240x2000	1240x1000x2000	1480x1480x2200	1480x740x2200
N° pieces	16	20	16	20	10
Gross weight [kg]	248	390	320	650	330

Loading possibilities

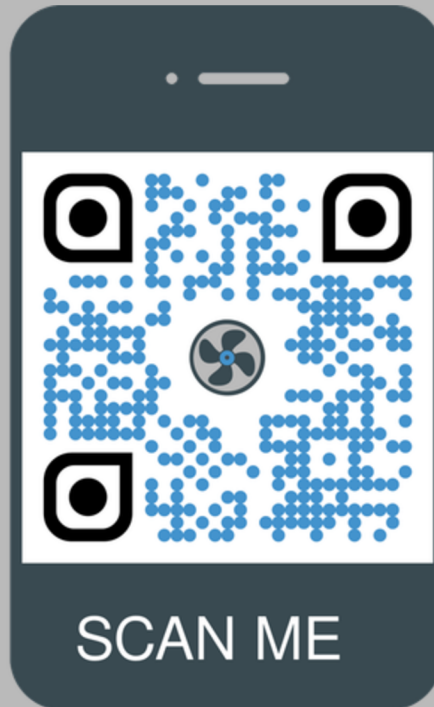
Model	Fully assembled version (FA)			Knock-down version (KD)		
	18	21	26	18	21	26
Container 20ft	192	162	100	400	400	300
Container 40ft	384	342	220	800	800	600
Container 40ft HC	384	342	220	800	800	600
Truck	416	360	270 or 324	1.000	1000	800






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