

## Cylindrical air circulation fan □ACF

**26**

URL:<https://www.sxplc.com/cylindrical-air-circulation-fan-acf-26>

### Product data sheet

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				1.870 ccfm	2.650 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				1.950 ccfm	2.760 ccfm		

ACF 26sb - AMCA 230-12

Model	Diameter Ø	Voltage**	Frequency	Thrust	Propeller speed rotation	Power consumption	Thrust efficiency ratio	Air flow	Air flow*	Specific power input	Efficacy
ACF 26sb	25 inch 635 mm	Δ 220-240 V Y 380-420 V	50 Hz	4,35 lbf	890 RPM	407 W	10,7 lbf/kW	8.000 m³/h	11.310 m³/h	50,8 W/(1000 m³/h)	11,6 ccfm/W
				1,97 kgf				4.710 ccfm	6.660 ccfm		
			60 Hz	4,6 lbf	1115 RPM	398 W	11,5 lbf/kW	8.250 m³/h	11.670 m³/h	48,2 W/(1000 m³/h)	12,2 ccfm/W
				2,08 kgf				4.855 ccfm	6.870 ccfm		

Note: ACF 26sb tested in PERlab.

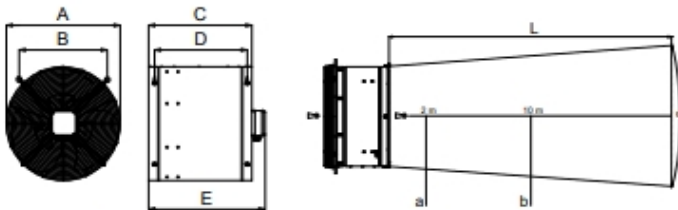
ACF 26 - AMCA 230-12 test number Bess Lab: C150446; C15044

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		
			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		

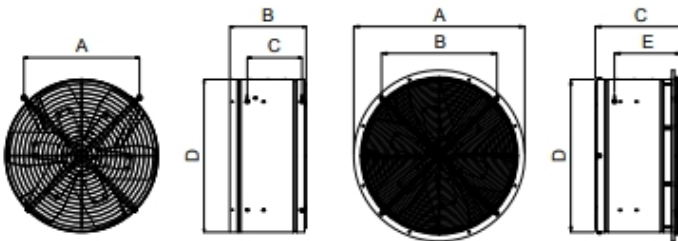
\*Using ANSI/AMCA Standard 230-99 method.

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

Note: the fans are tested with two safety nets. ACF 26SB: fan tested with one safety net.



ACF 18



ACF 26sb

ACF 26

Air outlet cone

Model	α	L	a	b
ACF 18	42°	28 m	2,7 m/s	1 m/s
ACF 26sb	37°	40 m	4 m/s	1,3 m/s
ACF 26	32°	45 m	5,6 m/s	1,5 m/s

Dimensions

	ACF 18	ACF 26sb	ACF 26
Dimension - A - [mm]	474	495	732
Dimension - B - [mm]	367	327	494
Dimension - C - [mm]	430	234	400
Dimension - D - [mm]	386	654	654
Dimension - E - [mm]	485	--	286
Sound pressure level Lpa [dB]*	65	79	73
Net weight [kg]	12	22	28
Gross weight [kg]	15	--	--
Dimension carton box (LxWxH) [mm]	500x500x530	--	--

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

Loading possibilities on pallet

Model	18	26sb	26sb	26	26
Fully assembled version (FA)	Type A		Type B	Type A	Type B
LxWxH [mm]	980x980x2240	1350x1350x2200	1350x675x2200	1480x1480x2200	1480x740x2200
N° pieces	16	24	12	20	10
Gross weight [kg]	248	550	280	650	330

Loading possibilities

Model	Fully assembled version (FA)			Knock-down version (KD)		
	18	26sb	26	18	26sb	26
Container 20ft	192	144	100	400	300	300
Container 40ft	384	306	220	800	600	600
Container 40ft HC	384	378	220	800	600	600
Truck	416	417	270 or 324	1.000	800	800

