

Axial Fan



YWF

Shaded Pole Motor



YZF

Frame Shaded Pole Motor

Air Conditioner Motor



YDK95

YDK110

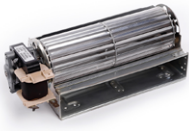
YDK140

AC Axial Fan



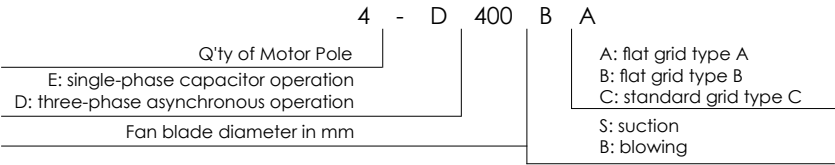
CFAF

Tangential Fan



CTTF

Axial Fan



YWF

Axial Fan

ComforPlanet Axial Fans driven by quiet and high-efficient external rotor motors, which are widely used in air conditioning condensing sets and ventilating unit.

Most of axial fans approved by CE, UL, and CCC.

Material:

Guard Grille: steel, coated in black plastic.

Wall ring: sheet steel, re-galvanized, coated in black plastic.

Blades: sheet steel.

Rotor: coated in black plastic.

- Min. working life: 30,000 hours.
- Thermal contacts protected.
- Insulation class: class B.
- Protection class: IP54.
- Certificate: CE, UL, CCC.

Technical Data

Model	Voltage	Frequency	Current	Input Power	Speed	Max.Air Volume	Capacitor	Noise
	V	Hz	A	W	RPM	m³/h	uF	dB(A)
YWF-2E200	220/120	50/60	0.23/0.62	50/70	2550/2800	780/910	2/8	47/48
YWF-4E200	220/120	50/60	0.18/0.28	40/45	1420/1650	540/650	1.5/6	42/43
YWF-2D250	380	50	0.22	80	2500	960	-	54
YWF-2E250	220/120	50/60	0.5/1.03	110/120	2500/2850	960	3/10	54/55
YWF-4D250	380	50	0.18	60	1400	770	-	50
YWF-4E250	220/120	50/60	0.26/0.56	56/65	1400/1600	770/810	2/8	50/51
YWF-2D300	380	50	0.3	160	2300	2130	-	57
YWF-2E300	220/120	50/60	0.8/1.77	165/220	2300/2500	2130/2200	6/16	57/58
YWF-4D300	380	50	0.28	90	1400	1600	-	55
YWF-4E300	220/120	50/60	0.4/0.87	90/100	1400/1550	1600/1720	3/10	55/56
YWF-6E300	220/120	50/60	0.45/0.35	60/70	910/1050	1260/1310	2/8	47/48
YWF-4D350	380	50	0.4	145	1380	2500	-	54
YWF-4E350	220/120	50/60	0.73/1.6	145/190	1380/1600	2500/2650	4/16	54/55
YWF-6D350	380	50	0.3	90	950	1650	-	50
YWF-6E350	220/120	50/60	0.5/0.7	90/105	950/1100	1650/1900	3/8	50/52
YWF-4D400	380	50	0.53	190	1380	3500	-	60
YWF-4E400	220/120	50/60	0.85/2.3	190/270	1380/1600	3500/4000	6/22	60/61
YWF-6D400	380	50	0.38	110	920	2510	-	50
YWF-6E400	220/120	50/60	0.57/1.15	110/135	920/980	2510/2750	4/12	50/51
YWF-4D450	380	50	0.62	250	1350	4850	-	60
YWF-4E450	220/120	50/60	1.2/2.6	250/330	1350/1600	4800/5260	8/32	60/62
YWF-6D450	380	50	0.45	145	920	3550	-	52
YWF-6E450	220/120	50/60	0.7/1.5	150/180	920/1050	3550/3820	6/20	52/54
YWF-4D500	380	50	1	390	1350	6570	-	62
YWF-4E500	220	50	1.6	350	1350	6570	10	62
YWF-6D500	380	50	0.55	180	900	4900	-	58
YWF-6E500	220	50	0.65	140	900	4900	6	58
YWF-4D550	380	50	1.25	500	1300	8700	-	65
YWF-4E550	220	50	2.4	500	1300	8700	12	65
YWF-6D550	380	50	0.83	250	900	6430	-	60
YWF-6E550	220	50	1.6	280	900	6430	10	60
YWF-4D600	380	50	1.61	750	1350	10850	-	68
YWF-4E600	220	50	3.3	710	1350	10850	16	68
YWF-6D600	380	50	1.2	380	900	8100	-	62
YWF-6E600	220	50	2.5	390	900	8100	12	62
YWF-4D630	380	50	1.6	750	1310	12000	-	68
YWF-4E630	220	50	3.55	750	1310	11000	16	68
YWF-6D630	380	50	1.3	450	900	8850	-	65
YWF-6E630	220	50	2.55	470	900	8850	12	65
YWF-6D710	380	50	2	1100	900	16200	-	70
YWF-6D800	380	50	2.4	1100	900	21500	-	73
YWF-8D800	380	50	1.5	650	680	17200	-	65



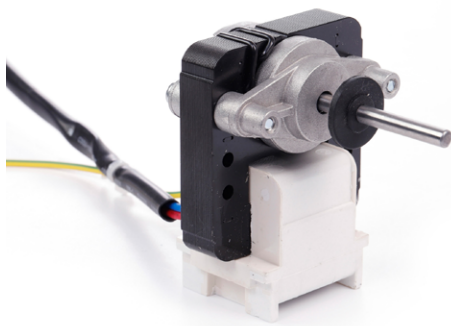
Shaded Pole Motor



YZF
Shaded Pole Motor

ComforPlanet Shade pole motor are widely used for condenser, evaporator and other refrigeration equipment, with single phase, 4 shaded poles running at rated voltage of 220-240V 50/60Hz, or 110-120V 60Hz.

Model	Voltage	Frequency	Rated Input	Out Put	Rated Current	Rated Speed	Air Volume	Fan Blade
	V	Hz	W	W	A	r/min	m³/h	mm
YZF2-13-18	220-240	50/60	20	2	0.14	1300	205	φ172
YZF5-13-18	220-240	50/60	29	5	0.20	1300	455	φ200
YZF6-13-18	110-120	60	33	6	0.55	1550	510	φ200
YZF7-20-18	220-240	50/60	31	7	0.23	1300	640	φ230
YZF10-20-18	220-240	50/60	36	10	0.25	1300	650	φ230
	110-120	60	55	10	0.80	1550	800	φ230
YZF12-20-18	220-240	50/60	54	12	0.36	1300	690	φ230
YZF16-25-18	220-240	50/60	60	16	0.45	1300	760	φ254
YZF18-25-18	110-120	60	70	18	1.01	1550	940	φ254
YZF18-30-18	220-240	50/60	70	18	0.50	1300	1000	φ254
	110-120	60	75	18	1.10	1450	1000	φ254
YZF25-40-18	220-240	50/60	90	25	0.70	1300	1030	φ300
	110-120	60	100	25	1.40	1450	1030	φ300
YZF34-45-18	220-240	50/60	110	34	0.85	1300	1210	φ300
	110-120	60	110	34	1.50	1450	1210	φ300



Frame Shaded Pole Motor

Model	Voltage(V)	Frequency(Hz)	Current(A)	Input(W)	Rotation
SM102J	220	50/60	0.12	13	CW
RE-01WT52	220	50/60	0.085	8	CW
MA-61103D-AZ	220	50/60	0.06	6	CW
PSC4W	220	50/60	0.20	27	CCW
YJF607A-5C	220	50/60	0.065	7	CW/CCW
SM672	220	50/60	0.32	20	CW/CCW
KM334	220	50/60	0.18	15	CW
YZF-SM998	240	50	0.2	18	CW

Air Conditioner Motor



YDK95
Air Conditioner Outdoor Unit Motor

Used NSK low noise high quality rolling bearing;
Nickel plating for shaft, electrophoretic coating for enclosure;
Reasonable structure, high efficiency, low temprature rise, low noise, small vibration.

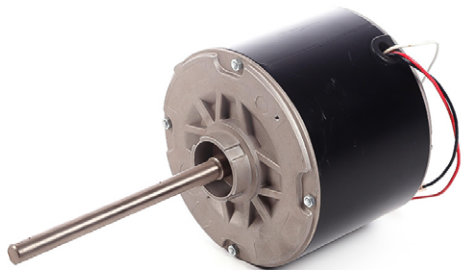
Model	Output power/W	Vlotage/V	Frequency/Hz	Rated speed/RPM	Rated current/A
YDK95-20-6	20	220-240	50/60	830	0.25
YDK95-25-6	25	220-240	50/60	830	0.27
YDK95-30-6	30	220-240	50/60	830	0.30
YDK95-35-6	35	220-240	50/60	800	0.33
YDK95-40-6	40	220-240	50/60	850	0.40



YDK110
Single Phase Capacitor Operating Asynchronous Motor

Used NSK low noise high quality rolling bearing;
Nickel plating for shaft, electrophoretic coating for enclosure;
Reasonable structure, high efficiency, low temprature rise, low noise, small vibration.

Model	Vlotage/V	Frequency/Hz	Nominal output power	Current	Rated speed	Capacitor
YDK110-8-6	8	220~240	50/60	0.12	700/560/450	1.2
YSK110-25-6	25	220~240	50/60	0.23	850/680/540	2.0
YDK110-10-4	10	220~240	50/60	0.15	750/600/480	1.2
YSK110-16-4	16	220~240	50/60	0.17	800/640/510	1.5
YDK110-25-4	25	220~240	50/60	0.27	880/700/560	2.5
YSK110-60-4	60	220~240	50/60	0.65	1100/950/750	3.5
YSK110-125-4	125	220~240	50/60	1.00	1400/1200/1000	5.0



YDK140
Single Phase Asynchronous Air Conditioner Motor

Used NSK low noise high quality rolling bearing;
Nickel plating for shaft, electrophoretic coating for enclosure;
Reasonable structure, high efficiency, low temprature rise, low noise, small vibration.

Model	Vlotage/V	Frequency/Hz	Power/W	Speed	ROT	CAP(MDF/VAC)	OEM Model
YDK140-120-6A	208-230	60	1/6HP	1075/2 SPD	REVERSIBLE	5/370	PM310668
YDK140-120-6A5	208-230	60	1/6HP	1075 RPM	REVERSIBLE	5/370	5KCP39DGS375S
YDK140-150-6A	208-230	60	1/5HP	1075/2 SPD	REVERSIBLE	5/370	PM310543
YDK140-150-6A2	220-240	60	1/5HP	900 RPM	CW-SE	5/370	PM310544
YDK140-185-4A16	115	60	1/4HP	1625 RPM	REVERSIBLE	5/370	FASCO D782
YDK140-245-6A2	208-230	60	1/3HP	1075/3 SPD	REVERSIBLE	7.5/370	FASCO D923
YDK140-245-6A9	208-230	60	1/3HP	1075/3 SPD	REVERSIBLE	7.5/370	A.O.SMITH 132
YDK140-245-6A10	208-230	60	1/3HP	1075 RPM	REVERSIBLE	7.5/370	5KCP39MGG403ET

AC Axial Fan



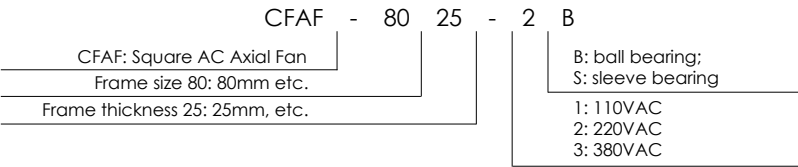
CFAF

Square AC Axial Fan

Axial flow fan generates air flow through the fan blades to the rotation axis. They are suitable for applications requiring high air performance with moderate pressure build-up.

Working Temp.:
Ball bearing: -20 to +60 °C
Sleeve bearing: 0 to +50 °C

- Bearing: sleeve bearing or ball bearing.
- Insulation class: class B, class F.
- Min. working life: 30,000 hours.
- Certificate: CE.
- Lead wire: cable or terminal.



Model	Bearing	Voltage	Frequency	Current	Input Power	Speed	Air Flow	Static Pressure	Noise
		V	Hz	A	W	RPM	CFM	mm-H2O	dB(A)
CFAF-8025-2B	Ball	220-240	50/60	0.07/0.06	11/9	2500/2900	18/22	3.30/4.83	29/33
CFAF-8025-2S	Sleeve	220-240	50/60	0.07/0.06	11/9	2300/2700	18/22	3.30/4.83	29/33
CFAF-8025-1B	Ball	110-120	50/60	0.12/0.10	12/11	2500/2900	18/22	3.30/4.83	29/33
CFAF-8025-1S	Sleeve	110-120	50/60	0.12/0.10	12/11	2500/2900	18/22	3.30/4.83	29/33
CFAF-8038-2B	Ball	220-240	50/60	0.10/0.08	16/12	2400/2800	18/22	3.30/4.83	31/35
CFAF-8038-2S	Sleeve	220-240	50/60	0.10/0.08	16/12	2300/2700	18/22	3.30/4.83	31/35
CFAF-8038-1B	Ball	110-120	50/60	0.15/0.13	14/12	2400/2800	18/22	3.30/4.83	31/35
CFAF-8038-1S	Sleeve	110-120	50/60	0.15/0.13	14/12	2400/2800	18/22	3.30/4.83	31/35
CFAF-9225-2B	Ball	220-240	50/60	0.07/0.06	11.5/9.5	2300/2600	18/22	3.30/4.83	31/35
CFAF-9225-2S	Sleeve	220-240	50/60	0.07/0.06	11.5/9.5	2300/2600	18/22	3.30/4.83	31/35
CFAF-9225-1B	Ball	110-120	50/60	0.12/0.11	13/12	2500/2900	18/22	3.30/4.83	31/35
CFAF-9225-1S	Sleeve	110-120	50/60	0.12/0.11	13/12	2500/2900	18/22	3.30/4.83	31/35
CFAF-9238-2B	Ball	220-240	50/60	0.12/0.09	17/12	2300/2800	43/49	4.50/5.50	32/37
CFAF-9238-2S	Sleeve	220-240	50/60	0.12/0.09	17/12	2200/2600	43/49	4.50/5.50	32/37
CFAF-9238-1B	Ball	110-120	50/60	0.22	18	2400	43/49	4.50/5.50	32/37
CFAF-9238-1S	Sleeve	110-120	50/60	0.22	18	2400	43/49	4.50/5.50	32/37
CFAF-11025-2B	Ball	220-240	50/60	0.10/0.09	19/17	2100/2400	60/71	3.56/4.06	36/38
CFAF-11025-2S	Sleeve	220-240	50/60	0.10/0.09	19/17	2000/2100	60/71	3.56/4.06	36/38
CFAF-11025-1B	Ball	110-120	50/60	0.19/0.18	19/18	2200/2400	60/71	3.56/4.06	36/38
CFAF-11025-1S	Sleeve	110-120	50/60	0.19/0.18	19/18	2200/2400	60/71	3.56/4.06	36/38
CFAF-12025-2B	Ball	220-240	50/60	0.07/0.06	12/10	1950	66/78	3.56/4.06	38/40
CFAF-12025-2S	Sleeve	220-240	50/60	0.07/0.06	12/10	1700	66/78	3.56/4.06	38/40
CFAF-12025-1B	Ball	110-120	50/60	0.19/0.18	19/18	2200/2400	66/78	3.56/4.06	38/40
CFAF-12025-1S	Sleeve	110-120	50/60	0.19/0.18	19/18	2200/2400	66/78	3.56/4.06	38/40
CFAF-12038-2B	Ball	220-240	50/60	0.13/0.11	20/17	2600/2800	91/113	6.35/7.62	40/45
CFAF-12038-2S	Sleeve	220-240	50/60	0.13/0.11	20/17	2600/2800	91/113	6.35/7.62	40/45
CFAF-12038-1B	Ball	110-120	50/60	0.22/0.18	21/18	2600/2900	91/113	6.35/7.62	40/45
CFAF-12038-1S	Sleeve	110-120	50/60	0.22/0.18	21/18	2600/2900	91/113	6.35/7.62	40/45
CFAF-12038-3B	Ball	380	50	0.06	18	2600	91	6.35	40
CFAF-12038-3S	Sleeve	380	50	0.06	18	2600	91	6.35	40
CFAF-15050-2B	Ball	220-240	50/60	0.24	36	2600	190/235	16.00/17.78	45/50
CFAF-15050-2S	Sleeve	220-240	50/60	0.24	36	2600	190/235	16.00/17.78	45/50
CFAF-15050-1B	Ball	110-120	50/60	0.50/0.45	37/36	2700/3100	190/235	16.00/17.78	45/50
CFAF-15050-1S	Sleeve	110-120	50/60	0.50/0.45	37/36	2700/3100	190/235	16.00/17.78	45/50
CFAF-15050-3B	Ball	380	50	0.11	34	2700	190	16.00	45
CFAF-15050-3S	Sleeve	380	50	0.11	34	2700	190	16.00	45
CFAF-22060-2B	Ball	220-240	50	0.3	45	2200	388	25.4	56
CFAF-22060-1B	Ball	110-120	50/60	0.76/0.77	57/58	2400	388	25.4	56
CFAF-22060-3B	Ball	380	50	0.16	47	2400	388	25.4	56

Tangential Fan

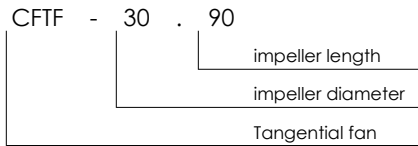


CFTF

Tangential Fan

Tangential Fans provide wide, uniform air delivery of high capacity, widely used in air curtains, air conditioning and heating applications.

- Impeller: aluminum construction.
- Bearing: sleeve bearing or ball bearing.
- Working Temp.: 0 to +60 °C.
- Insulation class: class B, class F.
- Certificate: CE.
- Lead wire: cable or terminal.



Model	Voltage	Frequency	Current	Input Power	Speed	Max. Air Volume	Noise
	V	Hz	A	W	RPM	m³/h	dB(A)
CFTF-30.90	230	50	0.06	8.5	2800	40	35
CFTF-30.120	230	50	0.10	15	2800	55	36
CFTF-30.240	230	50	0.11	16	2800	100	37
CFTF-30.300	230	50	0.10	16	2800	120	39
CFTF-40.120	230	50	0.08	13	2750	90	35
CFTF-40.180	230	50	0.13	21	2700	140	36
CFTF-40.240	230	50	0.11	17.5	2700	190	37
CFTF-40.300	230	50	0.13	21	2700	230	39
CFTF-45.180	230	50	0.10	12.5	1300	64	45
CFTF-45.240	230	50	0.22	23	1600	135	45
CFTF-45.300	230	50	0.19	22.5	1300	107	41
CFTF-45.360	230	50	0.22	26	1400	158	42
CFTF-50.120	230	50	0.08	15	2500	130	40
CFTF-50.180	230	50	0.23	20	2650	210	41
CFTF-50.240	230	50	0.11	20	2200	220	42
CFTF-50.300	230	50	0.13	22	2200	270	45