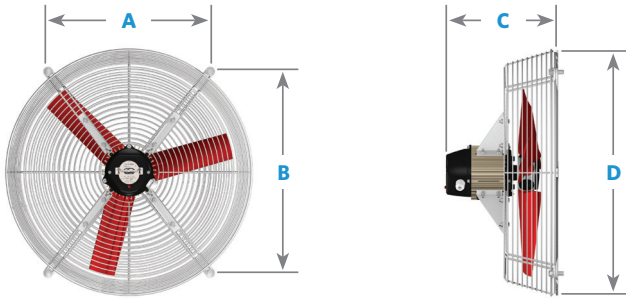


# 27" Transformer Cooling Fans

The engineered solution to transformer cooling.  
More Air • Better Cooling • Longer Life



	A	B	C	D
27" Fan	23" (584mm)	23" (584mm)	15" (381mm)	31" (787mm)
Note: All guards are 6-3/8" deep				
Shipping Weight: 49 lbs.		Shipping Dimensions: 17" x 32" x 32"		

### Low amp draw

- Low ampere draw means a motor that is operating under less load and less electrical stress. This will prolong the motor Life and ensure many years of uninterrupted service

### Superior air flow

- Certified air flow results tested to AMCA Standards 230 for fan thrust, AMCA 230-99 for calculated CFM
- Manufactured not assembled Blade and Motor Combination
- Forward or reverse airflow options
- High cubic feet per minute of air delivery minimizes the stress on transformer coils and provides more cooling air during peak load times

### Engineered for outdoor application

- Unique, locking, labyrinth design between motor housing and impeller guard against moisture entry in the harshest of outdoor applications of high heat and humidity
- IP55 rated and UL 507-39 wash down ready
- UV Stabilized

### Superior class F insulation system for longer motor life

- Ambient Temperature Range -13°F/-25°C and 140°F/55°C
- Aluminum housing for excellent heat dissipation
- Thermally Protected, single phase standard, three phase optional
- Rated severe duty, TEAO
- Sealed ball bearing in front and rear
- Poly Blades require less torque at start up and reduced in-rush current duration

### Engineered for the world wide transformer industry

- 50 or 60Hz
- Hot dipped Galvanized OSHA guards
- Standard, Header, Yoke and NEMA frame mounting options
- Conventional and quick connect cord sets

Backed by a 3 Year Warranty on motor impeller and parts and a 1 Year Warranty on manufacture of grill.

Part Number	Impeller Diameter [in]	HP	Phases	Freq. [Hz]	CFM	Voltage	Noise Level [dBA]@6ft	RPM	Running Current [A]	Starting Current [A]	PF	CFM per watt
PCA27-1/120/60	27	1/6	1	60	7400	120	69	1120	2.8	5.8	0.91	25
PCA27-1/240/60	27	1/3	1	60	7350	208-240†	69	1110	1.3	2.9	0.91	26
PCC27-1/240/60 ‡	27	1/2	1	60	9450	208-240†	76	1620	2.5	5.6	0.99	17
PCD27-1/230/50	27	1/3	1	50	6300	230	64	950	1.4	3.2	0.70	29
PCF27-1/230/50 ‡	27	1/2	1	50	8000	230	72	1400	1.9	6.2	0.89	21
PCA27-3/460/60	27	1/6	3	60	7300	460	67	1120	0.7	1.6	0.53	27
PCB27-3/460/60	27	1/2	3	60	8320	460	71	1120	1.2	3.4	0.54	16
PCC27-3/460/60 ‡	27	1/2	3	60	9610	460	76	1690	1.2	4.5	0.63	17
PCD27-3/400/50	27	1/6	3	50	6250	400	64	950	0.6	1.7	0.44	34
PCE27-3/400/50	27	1/6	3	50	7000	400	66	950	1.2	3.7	0.43	20
PCF27-3/400/50 ‡	27	1/2	3	50	8100	400	72	1420	1.1	4.7	0.49	22
PCA27-3/230/60	27	1/6	3	60	7220	230	67	1100	1.1	1.6	0.58	28
PCB27-3/230/60	27	1/2	3	60	8240	230	70	1100	1.9	3.4	0.60	18
PCC27-3/230/60 ‡	27	1/2	3	60	9380	230	75	1660	2.0	4.5	0.69	17
PCD27-3/230/50	27	1/6	3	50	6250	230	64	950	1.1	1.7	0.44	34
PCE27-3/230/50	27	1/6	3	50	7000	230	66	950	2.0	3.7	0.43	20
PCF27-3/230/50 ‡	27	1/2	3	50	8100	230	72	1420	1.9	4.7	0.49	22

‡ 2 BLADES

† NAMEPLATE IS LABELED 240V

\*\*OPERATION VOLTAGE +/- 10% OF THE RATED VOLTAGE.

REV 3/18/2020