

# 5.6" DIAMETER

## Condenser Fan Motors



**Fig. A D735, D737, D739**



**Fig. B D747, D748, D937**



**Fig. C D745, D749, D929, D935, D939**



**Fig. D D930, D951**



**Fig. E D719, D720**

### SHAFT UP OR HORIZONTAL

- 208-230 VAC
- Electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- All angle mount bearings
- Includes shaft water slinger
- Closed end shield shaft end

NEW

NEW

NEW

PSC • OPEN VENTILATION • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/5	208-230	1.5	1075	1.2	D720	E	3 1/4	1/2 x 6
1/5-1/8	208-230	1.3-.8	1075	1.2	D719	E	3 3/4	1/2 x 6 1/2
1/4	208-230	1.7	1075	1.3	D7749*	H	3 3/4	1/2 x 6 1/2
1/4	208-230	1.8	1075	1.3	D749	C	3 3/4	1/2 x 6 1/2
1/4	208-230	2.1	1075	1.3	D939*	C	4	1/2 x 6
1/4-1/6	208-230	2.0-1.3	1075	1.2	D739*	A	4 1/4	1/2 x 6
1/3	208-230	2.5	1075	1.4	D747	B	4 3/4	1/2 x 6
1/3	208-230	2.9	1075	1.2	D937*	B	4	1/2 x 6 1/2
1/3	208-230	2.9	1075	1.2	D7748*	G	4 1/4	1/2 x 6
1/3	208-230	2.9	1075	1.2	D748	B	4 1/4	1/2 x 6 1/2
1/3-1/4	208-230	3.5-1.9	1075	1.3	D737*	A	4 1/2	1/2 x 6
1/2	208-230	4.1	1075	1.2	D935*★	C	5	1/2 x 6 1/2
1/2	208-230	3.7	1075	1.2	D7745*★	F	4 3/4	1/2 x 6
1/2	208-230	3.7	1075	1.2	D745*	C	4 3/4	1/2 x 6 1/2
1/2-1/3	208-230	4.4-2.7	1075	1.3	D735*+	A	5 1/4	1/2 x 6
3/4	208-230	5.0	1075	1.0	D929*	C	5 1/4	1/2 x 6 1/4
3/4-1/3	208-230	4.4-2.1	1075	1.1	D930*#	D	5 1/4	1/2 x 6 1/4
3/4-1/3	208-230	5.0-2.2	1075	1.3	D951*#	D	5 1/4	5/8 x 4 1/2 (Keyed)

• Ball bearing motor +7.5M 370V capacitor #15M 370V capacitor ★ 10M 370V capacitor



**Fig. F D7745**



**Fig. G D7748**



**Fig. H D7749**

### SHAFT DOWN OR HORIZONTAL

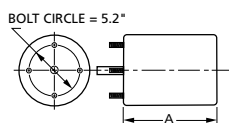
- 208-230 VAC
- Electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- All angle mount bearings. Use rainshield when necessary
- Sleeve bearing models
- Closed endshield opposite shaft end



**Fig. F D740, D742, D743, D744, S719, D944**

PSC • OPEN VENTILATION • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/5-1/8	208-230	1.3-.8	1075	1.2	S719^	F	3 3/4	1/2 x 6 1/2
1/5	208-230	1.2	1075	1.0	D743^	F	3 1/2	1/2 x 6
1/4	208-230	2.1	1075	1.3	D742^	F	4	1/2 x 6
1/3	208-230	2.9	1075	1.4	D944	F	4 1/4	1/2 x 6
1/3-1/4	208-230	3.2-2.4	1075	1.3	D744	F	4 3/4	1/2 x 6 1/2
1/2	208-230	4.5	1075	1.3	D740	F	5	1/2 x 6 1/2

^ Has 4 drilled and tapped holes in shell



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See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.



**Fig. A D790, D791, D792, D795, D934, D936**



**Fig. B D793**



**Fig. C D796, D797**



**Fig. D D798, D799, D794**



**Fig. E D938**



**Fig. F D1745, D1748, D1749**



**Fig. G D713**

### 825 RPM MOTORS

- Models for shaft-up, shaft-down and horizontal applications
- Electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- 208-230 and 115 VAC models
- All angle mount bearings. Use rainshield when necessary

PSC • OPEN VENTILATION AND TOTALLY ENCLOSED • AIR-OVER							
H.P.	Volts	Amps	RPM	Model	Fig	"A" Dim.	Shaft Dim.
1/8	208-230	.9	825	D799^#	D	4	1/2 x 6
1/6	208-230	1.0	825	D793#•	B	4	1/2 x 6
1/6	208-230	1.3	825	D798^#	D	4 1/3	1/2 x 6
1/5	208-230	1.3	825	D794^#	D	4 1/3	1/2 x 6
1/4	208-230	1.9	825	D934^#	A	4 1/3	1/2 x 6
1/4	208-230	1.8	825	D792•†^	A	4 1/4	1/2 x 6
1/4	208-230	1.8	825	D797†^	C	4 1/4	1/2 x 6
1/3	208-230	2	825	D936#+	A	5	1/2 x 6
1/3	208-230	2.6	825	D796†^	C	5	1/2 x 6
1/3	208-230	2.6	825	D791•†^	A	5	1/2 x 6
1/3	115	6.1	825	D795•♦	A	5 3/4	1/2 x 6
1/2	208-230	3.4	825	D938+†	E	5 1/2	1/2 x 6
1/2	208-230	3.5	825	D790+•†	A	5	1/2 x 6
1/2	208-230	3	825	D713+#	G	5 1/3	1/2 x 6

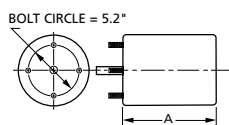
- # Totally enclosed
- Ball bearing motor
- † Shaft down or horizontal applications
- + 7.5MFD 370VAC capacitor
- ♦ Shaft up or horizontal applications
- ^ Has 4 drilled and tapped holes in shell

### DESERT LINE

- 208-230 VAC
- Electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- All angle mount bearings. Use rainshield when necessary
- Motors designed for high ambient temperature conditions
- Sleeve bearing models

DESIGNED FOR SHAFT DOWN OR HORIZONTAL OPERATION ELECTRICALLY REVERSIBLE • 1075 RPM VENTILATED FOR HIGH AMBIENT TEMPERATURES							
H.P.	Volts	Amps	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/2	208-230	4.1	1.2	D1745*	F	5	1/2 X 6 1/2
1/3	208-230	2.9	1.2	D1748	F	4	1/2 X 6 1/2
1/4	208-230	2.1	1.3	D1749	F	4	1/2 X 6

\* 10M 370V capacitor



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# 5.6" DIAMETER

## Condenser Fan Motors



Fig. A D903, D904, D905, D1700, D1701, D1702



Fig. B D906, D907, D908, D909, D917, D919, D922, D925, D931, D932, D933



Fig. C D1709



Fig. D D7907, D7908, D7909

### TOTALLY ENCLOSED MOTORS

- Ideal for any angle mounting
- 208-230 and 230 VAC models
- Electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- All angle mount bearings
- Ball bearing and sleeve bearing models

PSC • TOTALLY ENCLOSED • AIR-OVER								
H.P.	Volts	Amps	RPM	Fig.	Load Factor	Model	"A" Dim.	Shaft Dim.
1/8	208-230	.9	1075	B	1.3	D919 <sup>^</sup>	3 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/6-1/8	208-230	1.2-.9	1075	A	1.2	D905	3 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/6	208-230	1.0	1075	B	1.2	D917 <sup>^</sup>	3 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/5	208-230	1.5	1075	B	1.2	D906 <sup>^</sup>	4	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/4-1/5	208-230	1.8-1.0	1075	A	1.4	D904	4 <sup>1</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/4-1/8	208-230	1.7-.8	1075	A	1.1	D1702 <sup>•</sup>	4	1/2 x 6
1/4	208-230	1.8	1075	B	1.3	D922 <sup>†</sup>	4 <sup>1</sup> / <sub>3</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/4	208-230	1.8	1075	D	1.2	D7909 <sup>•^</sup>	4	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/4	208-230	1.8	1075	B	1.2	D909 <sup>^</sup>	4	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/3-1/4	208-230	2.7-1.3	1075	A	1.3	D903 <sup>+</sup>	4 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/3-1/4	208-230	2.2-1.3	1075	A	1.1	D1701 <sup>•+</sup>	5	1/2 x 5 <sup>1</sup> / <sub>2</sub>
1/3	208-230	2.7	1075	B	1.6	D925 <sup>†+</sup>	4 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/3	208-230	2.6	1075	D	1.2	D7908 <sup>•+^</sup>	4 <sup>1</sup> / <sub>2</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/3	208-230	2.4	1075	B	1.2	D908 <sup>+^</sup>	4 <sup>1</sup> / <sub>2</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/2-1/3	208-230	3.7-1.9	1075	A	1.1	D1700 <sup>•+</sup>	5	1/2 x 5 <sup>1</sup> / <sub>2</sub>
1/2	208-230	3.9	1075	B	1.5	D932 <sup>†*</sup>	5 <sup>5</sup> / <sub>8</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/2	208-230	3.7	1075	D	1.2	D7907 <sup>•*</sup>	5	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1/2	208-230	3.7	1075	B	1.2	D907 <sup>*</sup>	4 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
3/4	208-230	5	1075	B	1.3	D933 <sup>†■</sup>	5 <sup>3</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
3/4	208-230	4.5	1075	B	1.2	D931 <sup>•■</sup>	5 <sup>1</sup> / <sub>4</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>
1	208-230	5.5	1075	C	1.1	D1709 <sup>•■</sup>	5 <sup>13</sup> / <sub>16</sub>	1/2 x 6 <sup>1</sup> / <sub>2</sub>

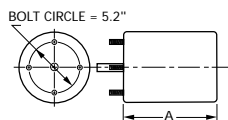
NEW

NEW

NEW

+ 7.5M 370V capacitor    ★ 10M 370V capacitor    • Ball bearing motor  
 ■ 15M 370V capacitor    † Motor has increased stack for higher ambient temperatures.

<sup>^</sup> Has 4 drilled and tapped holes in shell    # Open ventilation



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See pages 48 through 71 for OEM direct replacement models.

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### MULTI-PURPOSE CONDENSER FAN & DIRECT DRIVE BLOWER MOTORS

CONDENSER FAN MOTORS • TOTALLY ENCLOSED AIR-OVER										
H.P.	Volts	Amps	CAP @ 208V Line	CAP @ 230V Line	RPM	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/3	208-230	1.9	10 MFD	7.5 MFD	825	Rev.	D2826•	A	5-1/4	1/2 x 5
1/4		1.5	10 MFD	7.5 MFD						
1/5		1.2	10 MFD	7.5 MFD						
1/6		1.0	10 MFD	7.5 MFD						
1/3	208-230	2.6	7.5 MFD	5 MFD	1075	Rev.	D837	A	4-1/2	1/2 x 3-3/4
1/4		2.5	7.5 MFD	5 MFD						
1/5		2.0	7.5 MFD	5 MFD						
1/6		1.8	7.5 MFD	5 MFD						
1/3	208-230	3.0	12.5 MFD	10 MFD	1075	Rev.	D2827•	A	5-1/4	1/2 x 5
1/4		2.2	12.5 MFD	10 MFD						
1/5		1.6	12.5 MFD	10 MFD						
1/6		1.3	12.5 MFD	10 MFD						

DIRECT DRIVE FAN & BLOWER MOTORS • OPEN DRIPPROOF											
H.P.	Volts	Amps	Cooling	Heating	Cap.	RPM	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/2	115	7.3	High	Med-Low	10 MFD	1075	Rev.	D2835	B	4-3/4	1/2 x 5
1/3		6.9	High	Med-Low	5 MFD						
1/4		5.5	Med-Hi	Low	5 MFD						
1/5		3.6	Med-Low	Low	5 MFD						
1/6		2.8	Low	Low	5 MFD						
1/2	208-230	3.6	High	Med-Low	10 MFD	1075	Rev.	D833	B	4-3/4	1/2 x 5
1/3		3.5	High	Med-Low	5 MFD						
1/4		2.8	Med-Hi	Low	5 MFD						
1/5		1.9	Med-Low	Low	5 MFD						
1/6		1.3	Low	Low	5 MFD						
3/4	115	8.1	High	Med-Low	20 MFD	1075	Rev.	D2832	B	5-3/4	1/2 x 5
1/2		6.6	High	Low	10 MFD						
1/3		4.6	Med-Hi	Low	10 MFD						
1/4		3.8	Med-Low	Low	10 MFD						
1/5		3.1	Low	Low	10 MFD						
3/4	208-230	3.8	High	Med-Low	20 MFD	1075	Rev.	D2833	B	5-3/4	1/2 x 5
1/2		3.7	High	Low	10 MFD						
1/3		2.5	Med-Hi	Low	10 MFD						
1/4		1.8	Med-Low	Low	10 MFD						
1/5		1.7	Low	Low	10 MFD						

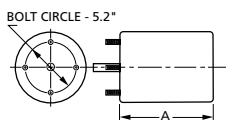
• Ball bearing motor



**Fig. A** D2826, D837, D2827



**Fig. B** D833, D2832, D2833, D2835



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# 5.6" DIAMETER

## Condenser Fan Motors



Fig. A S2846



Fig. B S2848



Fig. C D910, D911, D912, D913



Fig. D D819



Fig. E D821, D823



Fig. F D914, D915



Fig. G D1910, D1911



Fig. H D980



Fig. I D982



Fig. J D966, D968



Fig. K D967



Fig. L D1710

### 230/460 VAC MOTORS • FAN SHELTERED WITH INTERNAL COOLING FAN

- Ideal for shaft-up applications
- Electrically reversible
- All angle mount bearings
- 230/460 VAC
- Ball bearings
- Comes with unmounted conduit box
- Thermally protected

PSC • OPEN VENTILATION • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/2	230/460	3.9/2.0	1075	1.2	S2846•+	A	6 1/2	1/2 x 5 3/8
3/4	230/460	4.7/2.4	1075	1.1	S2848•‡	B	7 3/4	1/2 x 6

- Ball bearing motor
- + 7.5M 440V capacitor
- ‡ 20M 370V capacitor

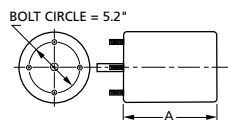
### 460 VAC MOTORS

- Thermally protected
- All angle mount bearings. Use rain-shield when necessary
- Electrically reversible
- Comes with unmounted conduit box
- Ball bearings

PSC • OPEN VENTILATION AND TOTALLY ENCLOSED • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/4	460	1	1075	1.4	D980#•	H	4 1/8	1/2 x 6 1/2
1/4	460	1.1	1075	1.4	D913•	C	4 1/4	1/2 x 6 3/8
1/3	460	1.2	1075	1.4	D982#•	I	4 3/4	1/2 x 6 1/2
1/3	460	1.5	1075	1.4	D966	J	4 1/2	1/2 x 6 1/2
1/3	460	1.1	1075	1.3	D912•▲	C	4 1/4	1/2 x 6 3/8
1/3-1/4	460	1.2-1	1075	1.4	D821•▲^	E	4 3/4	1/2 x 6
1/2	460	2	1075	1.3	D967▲	K	5	1/2 x 6
1/2	460	1.8	1075	1.3	D1911†(1)•	G	5	1/2 x 6 3/8
1/2	460	1.8	1075	1.4	D911†•	C	5	1/2 x 6 3/8
1/2	208-230/460	4/2	1075	1.0	D819•▲^	D	7	1/2 x 3
3/4	460	2.5	1075	1.2	D968▲	J	5 1/2	1/2 x 6 1/2
3/4	460	2.2	1075	1.2	D1910(1)•†	G	5 1/2	1/2 x 6 3/8
3/4	460	2.2	1075	1.2	D910†•	C	5 1/2	1/2 x 6 3/8
3/4-1/2	460	2.5-1.6	1075	1.3	D915†•■(2)	F	5 1/2	5/8 x 4 1/2
3/4-1/2	460	2.5-1.6	1075	1.3	D914†•■	F	5 1/2	1/2 x 4 1/2
3/4-1/2	460	2.1-1.6	1075	1	D823•†^	E	5 1/2	1/2 x 6
1	460	3	1075	1.1	D1710•†^	L	6	1/2 x 6 1/2

- ^ Does not have removeable conduit boxes
- Ball bearing motor
- † 15M 370V capacitor
- #Totally enclosed
- ▲ 7.5M 370V capacitor
- Special wiring configuration. Cannot be used with SPDT switching.
- (1) D1910, D1911 have maximum ventilation for high ambient temperatures
- (2) Has keyed shaft

NOTE: Rotation is determined by looking at shaft end. Shaft length is measured from motor face.



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**Fig. A D802**



**Fig. B D1914**



**Fig. C D916, D918**



**Fig. D D921**



**Fig. E D920**



**Fig. F D960, D961**

### 460 VAC MOTORS

- Thermally protected
- Electrically reversible
- Ball bearings
- All angle mount bearings

PSC • TOTALLY ENCLOSED • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/2	460	1.0	1050	1.0	D802★•	A	5½	½ x 3½
¾	460	1.7	1050	1.1	D1914★•	B	6	½ x 6

- ★ 10M 370V capacitor
- Ball bearing motor

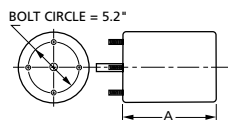
- 230/460 and 460 VAC models
- Electrically reversible
- Thermally protected
- All angle mount bearings. Use rainshield when necessary
- Comes with unmounted conduit box
- Ball bearing and sleeve bearing models

PSC • OPEN VENTILATION • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/4-1/6	460	1.0-.6	1625	1.0	D918•	C	4¼	½ x 6½
1/2-1/3	460	1.6-1.1	1625	1.3	D916+•	C	5½	½ x 6½

- + 7.5M 370V capacitor
- Ball bearing motor

PSC • OPEN VENTILATION • AIR-OVER								
H.P.	Volts	Amps	RPM	Load Factor	Model	Fig.	"A" Dim.	Shaft Dim.
1/3	460	1.3	825	1.3	D960•	F	5	½ x 6
1/3	230/460	2.7/1.4	825	1.3	D921•	D	5¼	½ x 6¾
1/2	460	1.9	825	1.3	D961+•	F	5¾	½ x 6
1/2	460	2.1	825	1.3	D920#†	E	5½	½ x 4½

- Ball bearing motor
- # 15M 370V capacitor
- + 7.5M 370V Capacitor
- † Doesn't come with conduit box



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# 5.6" DIAMETER

## Direct Drive Blower Motors



**Fig. A** D701, D712, D721, D727, D728, D902, D928

### OPEN CONSTRUCTION

- Ideal for blowers and fans used in furnaces and air-conditioners
- Electrically reversible
- Thermally protected
- UL recognized
- 115 VAC
- CSA certified
- All angle mount bearings
- Sleeve bearings



**Fig. B** D726



**Fig. C** D724



**Fig. D** D1730, D1731, D1732

PSC • OPEN VENTILATION • AIR-OVER									
H.P.	Volts	Amps	RPM	Load Factor	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/6-1/8-1/10	115	2.7-2.1-1.7	1075	1.2	Rev.	D928	A	3 <sup>3</sup> / <sub>4</sub>	1/2 x 5 <sup>1</sup> / <sub>4</sub>
1/4-1/5-1/6	115	4.8-3.3-2.6	1075	1.2	Rev.	D721	A	4	1/2 x 6
1/3-1/4-1/5	115	5.9-4.6-3.8	1075	1.2	Rev.	D727	A	4 <sup>1</sup> / <sub>4</sub>	1/2 x 6
1/2-1/3-1/4-1/5	115	7.7-5.5-4.2-3.3	1075	1.2	Rev.	D701*	A	5 <sup>1</sup> / <sub>4</sub>	1/2 x 5 <sup>1</sup> / <sub>2</sub>
3/4-1/3	115	11.0-5.0	1075	1.0	Rev.	D726#	B	5 <sup>1</sup> / <sub>4</sub>	5/8 x 4 <sup>1</sup> / <sub>2</sub>
3/4-1/2-1/3	115	10.5-6.9-4.8	1075	1.2	Rev.	D728*	A	5 <sup>1</sup> / <sub>2</sub>	1/2 x 6
3/4-1/2-1/3-1/4	115	9.5-7.2-5.6-3.5	1075	1.0	Rev.	D724#^	C	5 <sup>3</sup> / <sub>4</sub>	1/2 x 6
1-1/2-1/3	115	11.8-6.3-3.9	1075	1.0	Rev.	D712‡	A	6	1/2 x 6
1/2-1/3-1/4-1/5	115	9.9-5.6-3.7-2.7	1075	1.1	C.W.	D902**	A	5 <sup>1</sup> / <sub>4</sub>	1/2 x 5 <sup>1</sup> / <sub>2</sub>

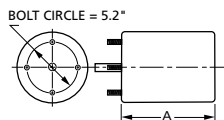
\* 10M 370V capacitor      # 15M 370V capacitor      ‡ 20M 370V capacitor

^ Includes 8 drilled and tapped holes in shell.      ★ Mechanically reversible

**NOTE:** Rotation is determined by looking at shaft end. Shaft length is measured from motor face.

PSC • OPEN VENTILATION • AIR-OVER									
H.P.	Volts	Amps	RPM	Load Factor	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/4	115	4.8-2.6-1.5	1075	1.4	Rev.	D1730	D	4	1/2 x 6
1/3	115	5.9-4.6-3.8	1075	1.3	Rev.	D1731	D	4 <sup>1</sup> / <sub>3</sub>	1/2 x 6
1/2	115	7.7-5.5-4.2	1075	1.3	Rev.	D1732*	D	5 <sup>13</sup> / <sub>16</sub>	1/2 x 5 <sup>1</sup> / <sub>2</sub>

\* 10M 370V capacitor



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See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.



**Fig. A D830, D826**

### OPEN CONSTRUCTION

- 208-230 VAC
- Electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- All angle mount bearings. Use rainshield when necessary
- Ball bearing and sleeve bearing models



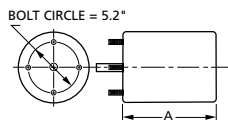
**Fig. B D703, D723, D725, D729, D730, D923, D927**



**Fig. C D711**

PSC • OPEN VENTILATION • AIR-OVER									
H.P.	Volts	Amps	RPM	Load Factor	Rot.	Model	Fig	"A" Dim.	Shaft Dim.
1/8-1/12	208-230	1.2-.7	825	1.4	Rev.	D830 <sup>^</sup>	A	4	1/2 x 6
1/6-1/8-1/10	208-230	1.4-.9-.5	1075	1.2	Rev.	D927	B	3 3/4	1/2 x 6
1/4-1/6-1/8	208-230	2.2-1.5-1.1	1075	1.3	Rev.	D725	B	4	1/2 x 6
1/3-1/4-1/6	208-230	3.3-2.3-1.8	1075	1.3	Rev.	D723	B	4 1/2	1/2 x 6
1/3-1/4-1/5	208-230	2.9-2.2-1.7	1075	1.2	Rev.	D923	B	4 1/4	1/2 x 6
1/2	208-230	2.6	825	1	Rev.	D826 <sup>Ø^</sup>	A	5	1/2 x 6
1/2-1/3-1/4	208-230	4.0-2.7-2.0	1075	1.4	Rev.	D703 <sup>+</sup>	B	5	1/2 x 6
3/4-1/2	208-230	4.8-3.5	1075	1.2	Rev.	D730 <sup>•*</sup>	B	5 1/2	1/2 x 6
3/4-1/2-1/3	208-230	5.4-3.8-2.9	1075	1.3	Rev.	D729 <sup>*</sup>	B	5 1/2	1/2 x 6
1-1/2-1/3	208-230	5.3-2.8-1.8	1075	1.0	Rev.	D711 <sup>‡</sup>	C	5 1/2	1/2 x 6

- Ball bearing motor
- ‡ 20M 370V capacitor
- Ø 15 Mfd 370V capacitor
- + 7.5M 370V capacitor
- ^ Includes 8 drilled and tapped holes in shell
- \* 10M 370 capacitor
- # Totally enclosed non ventilated



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See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.

# 5.6" DIAMETER



## Direct Drive Blower and Unit Heater Motors



**Fig. A** D970, D971, D972, D973, D975

- Ideal for blowers and fans used in furnaces and air-conditioners
- 277 VAC (Not suitable for 230 VAC applications)
- Single and double shaft
- Single shaft electrically reversible
- Thermally protected
- UL recognized
- CSA certified
- All angle mount
- Sleeve bearings



**Fig. B** D976, D979



**Fig. C** D733



**Fig. D** D732, D834



**Fig. E** D734, D736, D817



**Fig. F** D974



**Fig. G** D1703, D1704, D1705, D1706, D1707, D1708

PSC • OPEN VENTILATION • AIR-OVER									
H.P.	Volts	Amps	RPM	Load Factor	Rot.	Model	Fig	"A" Dim	Shaft Dim.
1/6-1/10-1/12	277	.9-.4-.3	1075	1.0	Rev.	D975	A	4	1/2 x 5 1/2
1/6-1/8-1/10	277	.9-.7-.6	1075	1.2	D.S.	D979	B	3 3/4	7 7/8 x 1/2 x 8 1/4
1/4-1/6-1/8	277	2.0-1.4-1.0	1075	1.1	Rev.	D973	A	4	1/2 x 5 1/2
1/3-1/4-1/5	277	2.4-1.5-1.0	1075	1.1	Rev.	D972	A	4 1/4	1/2 x 5 1/2
1/2-1/3-1/4	277	3.2-2.2-1.8	1075	1.1	Rev.	D971★	A	4 3/4	1/2 x 5 1/2
1/2-1/3-1/4	277	3.4-2.2-1.6	1075	1.5	D.S.	D976★	B	5 1/4	7 3/8 x 1/2 x 7 1/4
1/2-1/3-1/4	277	2.3-1.6-1.3	825	1	Rev.	D974▲	F	5 1/3	1/2 x 5
3/4-1/2-1/3	277	3.9-2.2-1.6	1075	1.0	Rev.	D970*	A	5 1/4	1/2 x 5 1/2

★ 10M 370V capacitor

\* 20M 370V capacitor

▲ 15M 370V capacitor

PSC • TOTALLY ENCLOSED • AIR-OVER									
H.P.	Volts	Amps	RPM	Load Factor	Rot.	Model	Fig	"A" Dim	Shaft Dim.
1/4	115	4.1-3-2.3	1075	1.3	D.S.	D1703	G	4 1/4	8 x 1/2 x 8
1/3	115	4.9-3.1-2.2	1075	1.2	D.S.	D1704	G	4 3/4	8 x 1/2 x 8
1/2	115	8.7-6.2-4.9	1075	1.3	D.S.	D1705	G	5 3/4	8 x 1/2 x 8
1/4	208-230	1.7-1.3-1	1075	1.2	D.S.	D1706	G	4 1/4	8 x 1/2 x 8
1/3	208-230	2.3-1.5-1.1	1075	1.1	D.S.	D1707	G	4 3/4	8 x 1/2 x 8
1/2	208-230	4.1-3-2.3	1075	1.3	D.S.	D1708	G	5 3/4	8 x 1/2 x 8

- Ideal for unit heaters
- All angle mount bearings
- CW and electrically reversible models
- Thermally protected
- UL recognized
- CSA certified
- Ball bearings

PSC • TOTALLY ENCLOSED • AIR-OVER • UNIT HEATERS									
H.P.	Volts	Amps	RPM	Load Factor	Rot.	Model	Fig	"A" Dim	Shaft Dim.
1/6	115	2.0	1625	1.1	Rev.	D736*	E	4 1/4	1/2 x 3 1/4
1/6	115	2.7	1075	1.3	C.W.	D834*	D	4 1/4	1/2 x 3
1/6-1/8	115	2.5-1.8	1075	1.2	Rev.	D733•	C	4 1/4	1/2 x 4 1/2
1/4	115	3.8	1075	1.1	Rev.	D734+••	E	4 1/4	1/2 x 3 1/4
1/3	115	4.1	1075	1.0	Rev.	D732*•	D	4 3/4	1/2 x 5
1/2	115	5.5	1140	-	C.W.	D817*•	E	4 1/2	1/2 x 6

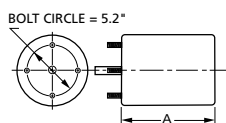
• Ball bearing motor

\* The capacitor and base are included

+ 7.5M 370V capacitor

See pages 27, 32 for 4.4" and 5.0" dia. unit heater motors.

**NOTE:** Rotation is determined by looking at shaft end. Shaft length is measured from motor face.



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See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.



**Fig. A D786, D789**



**Fig. B D781, D783, D784, D787, D788**



**Fig. C D780, D782, D785**



**Fig. D D770, D771, D773, D774, D775, D776, D777**



**Fig. E D772**



**Fig. F D778**

- 208-230,230 and 115 VAC models
- Thermally protected
- UL recognized
- CSA certified
- All angle mount sleeve bearings

- Single shaft motors are electrically reversible
- These motors should **not** be used for replacements where original motor is rated below 1500 RPM.

Some high slip air-conditioning motors are rated often at 1300-1400 RPM.

SINGLE SHAFT									
PSC • OPEN VENTILATION • AIR-OVER									
H.P.	Volts	Amps	RPM	Ld. Fac.	Model	Fig.	"A" Dim	Shaft Dim.	
1/4	115	3.5	1625	1.2	D782	C	4 1/4	1/2 x 6	
1/4	208-230	1.5	1625	1.2	D783	B	4	1/2 x 6	
1/3-1/4-1/6	115	4.7-3.5-2.7	1625	1.2	D780	C	4 1/2	1/2 x 6	
1/3	208-230	2.3	1625	1.2	D787	B	4 1/4	1/2 x 7	
1/3-1/4-1/6	208-230	2.0-1.6-1.2	1625	1.2	D781	B	4 1/2	1/2 x 7	
1/2-1/3-1/4	115	8.4-6.4-5.0	1625	1.4	D785	C	4 3/4	1/2 x 6	
1/2	208-230	3.9	1625	1.3	D788	B	5	1/2 x 6	
1/2-1/3-1/4	208-230	3.8-2.8-2.1	1625	1.3	D784	B	5	1/2 x 6	
3/4	208-230	5.2	1625	1.3	D789+	A	5 1/4	1/2 x 6	
3/4-1/2-1/3	230	5.3-3.8-2.9	1625	1.3	D786+	A	5 1/4	1/2 x 6	

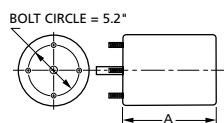
+ 7.5M 370V capacitor

- Ideal versatility using Kit 200 "X" brackets to

accommodate various cradle base lengths

- Ideal for lug mounting using lug Kit 55L or 55S

DOUBLE SHAFT										
PSC • OPEN VENTILATION • AIR-OVER										
H.P.	Volts	Amps	Rot.	RPM	Ld. Fac.	Model	Fig.	"A" Dim.	Shaft Dim.	
1/5-1/8-1/10	115	2.8-2.0-1.6	D.S.	1625	1.0	D776	D	3 1/2	8 1/2 x 1/2 x 8 1/2	
1/5-1/6-1/8	208-230	1.1-1.8-7	D.S.	1625	1.0	D775	D	3 1/2	8 1/2 x 1/2 x 8 1/2	
1/4-1/5-1/6	115	3.8-2.8-2.1	D.S.	1625	1.3	D773	D	4	8 1/2 x 1/2 x 8 1/2	
1/4-1/5-1/6	208-230	1.9-1.2-9	D.S.	1625	1.3	D774	D	4	8 1/2 x 1/2 x 8 1/2	
1/3-1/4-1/6	115	5.9-4.4-3.5	D.S.	1625	1.6	D770	D	4 1/2	8 3/4 x 1/2 x 8 3/4	
1/3-1/4-1/6	208-230	2.4-1.8-1.4	D.S.	1625	1.4	D771	D	4 1/2	8 3/4 x 1/2 x 8 3/4	
1/2-1/3-1/4	115	9.4-6.0-4.5	D.S.	1625	1.5	D777	D	5	7 1/2 x 1/2 x 7 1/2	
1/2-1/3-1/4	208-230	3.8-2.8-2.1	D.S.	1625	1.3	D772	E	4 3/4	8 x 1/2 x 8	
3/4-1/2-1/3	208-230	5.3-3.8-3.2	D.S.	1625	1.3	D778	F	5 1/4	7 1/2 x 1/2 x 7	



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See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.

# 5.6" DIAMETER

## Window Air Conditioner Motors

# FASCO



**Fig. A D750, D751, D752, D754, D755, D756, D757, D758, D760, D761, D763, D769**

- 208-230, 230 and 115 VAC models
- Thermally protected
- UL recognized
- CSA certified
- All angle mount sleeve bearings
- Hubless end shields for flush mounting
- Extended tie rods
- Ideal versatility using Kit 200 "X" brackets to accommodate various cradle base lengths
- Ideal for lug mounting using lug Kit 55L or 55S

PSC • OPEN VENTILATION • AIR-OVER									
H.P.	Volts	Amps	Rot.	RPM	Ld. Fac.	Model	Fig.	"A" Dim	Shaft Dim.
1/8-1/10-1/15	115	2.3-1.5-1.1	D.S.	1075	1.3	D751	A	3 1/2	7 1/2 x 1/2 x 9
1/8-1/10-1/12	208-230	.9-6-.5	D.S.	1075	1.3	D750	A	3 3/4	7 1/2 x 1/2 x 9
1/6-1/8-1/10	115	2.7-2.1-1.7	D.S.	1075	1.1	D754	A	3 1/2	7 1/2 x 1/2 x 9
1/6-1/8-1/10	208-230	1.4-9-.5	D.S.	1075	1.3	D752	A	3 1/2	7 1/2 x 1/2 x 9
1/4-1/6-1/8	115	4.6-3.1-2.7	D.S.	1075	1.0	D756	A	4	10 x 1/2 x 10
1/4-1/6-1/8	208-230	2-1.4-1.2	D.S.	1075	1.2	D755	A	4	7 1/2 x 1/2 x 8 1/2
1/3-1/4-1/6	115	6.9-4.8-3.8	D.S.	1075	1.2	D757	A	4 1/4	8 1/2 x 1/2 x 8 1/2
1/3-1/4-1/6	208-230	2.3-1.7-1.1	D.S.	1075	1.0	D758	A	4 1/2	8 1/2 x 1/2 x 8 1/2
1/2-1/3-1/4	115	9.0-6.3-4.8	D.S.	1075	1.0	D761	A	5 1/4	8 x 1/2 x 8
1/2-1/3-1/4	208-230	4.3-3.1-2.3	D.S.	1075	1.3	D760	A	5 1/4	8 x 1/2 x 8
3/4-1/2-1/3	115	11.9-8.1-6.0	D.S.	1075	1.1	D769*	A	5 1/2	8 x 1/2 x 8
3/4-1/2-1/3	208-230	5.7-4.1-3.1	D.S.	1075	1.0	D763*	A	5 1/2	8 x 1/2 x 8

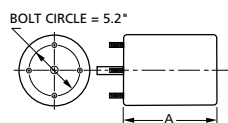
\*10M 370V capacitor

- Thermally protected
- Electrically reversible
- All angle mount sleeve bearings
- Hubless end shields for flush mounting
- Extended tie rods
- Ideal versatility using Kit 200 "X" bracket to accommodate various cradle base leng
- Ideal for lug mounting using lug Kits 55L or 55S



**Fig. B D766**

PSC • TOTALLY ENCLOSED • AIR-OVER									
H.P.	Volts	Amps	Rot.	RPM	Ld. Fac.	Model	Fig.	"A" Dim.	Shaft Dim.
1/4-1/6-1/8	230	1.9-1.2-.8	D.S.	1075	1.1	D766	B	4	7 1/2 x 1/2 x 8 1/2



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See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.



**Fig. A** D3771, D3772, D3758, D3760



**Fig. B** D3775, D3774, D3752, D3755

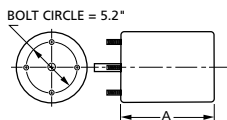
- 230 VAC models
- All angle mount bearings. Use rainshield when necessary

**Note:** Motors on this page have RPM ratings based on 50 Hz power. 60 Hz power will increase RPM approximately 20%.

- Sleeve bearings
- Thermally protected
- UL recognized
- CSA certified

PSC • 50 Hz • OPEN AND TOTALLY ENCLOSED VENTILATION AIR-OVER									
H.P.	Volts	Amps	Rot.	RPM	Model	Fig.	"A" Dim. Inch/MM	Shaft Dim. Inches/MM	Weight Lbs./Kilos
1/6-1/8-1/10	230	.8-.6-.5	D.S.	1350	D3775	B	3.5/89	7.75 x .5 x 7.75 197 x 12.7 x 197	11/5.0
1/4-1/5-1/6	230	1.5-1.1-.8	D.S.	1350	D3774+	B	4.0/102	7.5 x .5 x 7.5 191 x 12.7 x 191	14/6.4
1/3-1/4-1/5	230	2.1-1.5-1.1	D.S.	1350	D3771	A	4.5/114	7.25 x .5 x 7.25 184 x 12.7 x 184	15/6.8
1/2-1/3-1/4	230	3.0-1.9-1.3	D.S.	1350	D3772*	A	4.8/122	7.0 x .5 x 7.0 178 x 12.7 x 178	17/7.7
1/6-1/8-1/10	230	1.2-.8-.6	D.S.	900	D3752	B	4.0/102	7.5 x .5 x 7.5 191 x 12.7 x 191	13/5.9
1/4-1/5-1/6	230	2.0-1.4-1.0	D.S.	900	D3755+	B	4.5/114	7.25 x .5 x 7.25 184 x 12.7 x 184	16/7.3
1/3-1/4-1/5	230	2.6-1.7-1.3	D.S.	900	D3758	A	5.3/135	7.0 x .5 x 6.75 178 x 12.7 x 178	20/9.1
1/2-1/3-1/4	230	4.2-2.2-1.5	D.S.	900	D3760*	A	5.5/140	7.0 x .5 x 7.0 178 x 12.7 x 178	22/9.0

\*Uses 10M 370V capacitor  
+Includes dust seal



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# 5.6" DIAMETER



## Pedestal Fan Motors and Gearmotors



Fig. A D824, D901, D997, D999



Fig. B D900



Fig. C D998



Fig. D V44-36

- 115 and 115/230 VAC models
- Fan motors include pull-chain switches, except D998 and D900
- D998 designed for maximum protection against dirt and moisture

5.6" DIA. • PEDESTAL FAN MOTORS • 1100 RPM PERMANENT SPLIT CAPACITOR							
H.P.	Volts	Amps	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/4-1/8	115	3.2-2.4	Rev.	D824•#^	A	5 <sup>3</sup> / <sub>4</sub>	1/2 x 3 <sup>1</sup> / <sub>2</sub>
1/3-1/8	115	4.0-3.5	Rev.	D901•^	A	6	1/2 x 3 <sup>1</sup> / <sub>2</sub>
1/2-1/4	115	7.1-4	Rev.	D997†	A	7 <sup>1</sup> / <sub>3</sub>	1/2 x 3
1/2-1/4	115	7.1-4	Rev.	D999†	A	7 <sup>1</sup> / <sub>3</sub>	5/8 x 3
1/2-1/4	115	7.1-4.0	Rev.	D900†	B	7 <sup>1</sup> / <sub>4</sub>	5/8 x 3

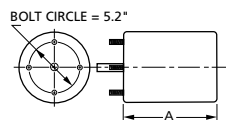
• Ball bearing motor # 4MFD 370V capacitor included  
 † 12.5MFD 370V capacitor included ^ Has 10' cordset

POULTRY AND HOG HOUSE FAN MOTOR • 825 RPM AGRICULTURAL APPLICATIONS							
H.P.	Volts	Amps	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/2	115/230	6.0/3.0	C.W.	D998•+□	C	7 <sup>1</sup> / <sub>2</sub>	5/8 x 2 <sup>5</sup> / <sub>8</sub>

+Keyed Shaft •Ball bearing motor ■ No pedestal yoke mount

BULK MILK AGITATOR GEARMOTOR 120 IN LBS.							
H.P.	Volts	Amps	Rot.	Model	Fig.	"A" Dim.	Shaft Dim.
1/12	115/230	1.85/1.0	C.C.W.	V44-36	D	8.9	3/4 x 2 <sup>3</sup> / <sub>16</sub>

NOTE: Rotation is determined by looking at shaft end. Shaft length is measured from motor face.



Products on this page are NOT SUITABLE for unattended equipment unless indicated by ► symbol. See inside back cover for additional information.

See pages 48 through 71 for OEM direct replacement models.

PSC motors use 5M 370V capacitors unless otherwise indicated.