



Formerly A. O. Smith Electrical Products Company



Masterfit[®] Pro

Two new 277 volt motors are now part of the popular Masterfit Pro line with an all purpose capacitor in every box.

Features

- Energy Efficient
- 4 Speed
- 40° C Ambient
- Class B Insulation
- 60 Hertz
- Open Dripproof
- Permanent Split Capacitor
- Reversible
- Resilient Rings
- Mounts by Belly Band, Thru Bolts or Shell Holes
- Extended Thru Bolts
- Rheem Mounting Holes in Shell
- All Purpose Capacitor Included

Speeds to use:

7FD6000A 1075 RPM Applications – Sleeve Bearing

7FD6000A

Motor To Replace	Cooling Speeds *(Color/Approx. RPM)	Heating Speeds *(Color/Approx. RPM)	370V Capacitor	277V Amps
1/2 HP	High (Black/1100)	Med-Hi (Blue/1050) or Med-Lo (Yellow/825)	10 mfd	3.3
1/3 HP	High (Black/1120)	Med-Hi (Blue/1090) or Med-Lo (Yellow/1030)	5 mfd**	2.3
1/4 HP	Med-Hi (Blue/1125)	Med-Lo (Yellow/1090) or Lo (Red/1010)	5 mfd**	1.7
1/5 HP	Med-Lo (Yellow/1110)	Lo (Red/1060)	5 mfd**	1.3
1/6 HP	Lo (Red/1085)	Lo (Red/1085)	5 mfd**	1.0

7FD6001A 1075 RPM Applications – Ball Bearing

7FD6001A

Motor To Replace	Cooling Speeds *(Color/Approx. RPM)	Heating Speeds *(Color/Approx. RPM)	370V Capacitor	277V Amps
3/4 HP	High (Black/1110)	Med-Hi (Blue/1080) or Med-Lo (Yellow/1010)	10 mfd	3.6
1/2 HP	High (Black/1130)	Med-Lo (Yellow/1090) or Lo (Red/1035)	10 mfd	2.3
1/3 HP	Med-Hi (Blue/1150)	Med-Lo (Yellow/1130) or Lo (Red/1100)	5 mfd**	1.7
1/4 HP	Med-Lo (Yellow/1150)	Lo (Red/1130)	5 mfd**	1.3
1/5 HP	Lo (Red/1140)	Lo (Red/1140)	5 mfd**	1.0

*RPM data from cold motor at nominal horsepower. Actual load will determine effective rpm.

**Using a 7.5 mfd/370V capacitor will result in an approximately 10% stronger motor.



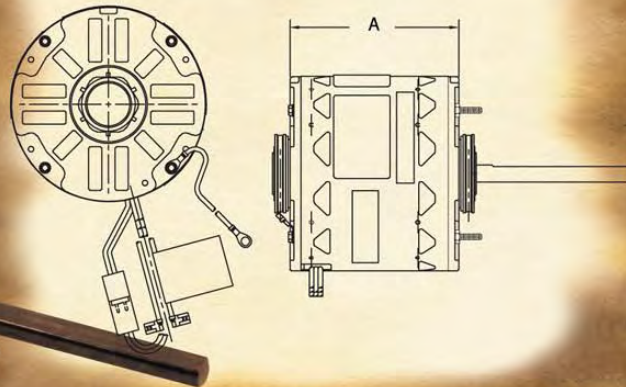
Masterfit[®] Pro
 "A Treasure Chest of Innovation"



Masterfit[®] Pro

Direct Drive Fan & Blower Motors

Motor Diagram



Direct Drive Fan & Blower Motors

• Ambient 40°C • Open Dripproof

Stock Number	HP	Capacitor 370 Volts	Speeds to Use	Amps	RPM	Volts	Bearings	Lead Lengths	"A" Dimension	Shaft Length
7FD6000A	1/2	10 mfd	All	3.3	1075	277	Sleeve	36"	4.86"	1/2" x 5"
	1/3	5 mfd 7.5"	All	2.3						
	1/4	5 mfd 7.5"	Med-Hi, Med-Lo, Lo	1.7						
	1/5	5 mfd 7.5"	Med Lo,Lo	1.3						
	1/6	5 mfd 7.5"	Lo	1.0						
7FD6001A	3/4	10 mfd	All	3.6	1075	277	Ball	36"	4.86"	1/2" x 5"
	1/2	10 mfd	All	2.3						
	1/3	5 mfd 7.5"	All	1.7						
	1/4	5 mfd 7.5"	Med-Hi, Med-Lo, Lo	1.3						
	1/5	5 mfd 7.5"	Med Lo,Lo	1.0						

For more information on MasterFit Pro multi-horsepower replacement motors, visit our website at www.hvac-motors.com and download our brochure 6000D... or walk the plank!



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