



4-in-1[®] MOTORS

ONE SIMPLE CONNECTION

4-IN-1[®] MULTI-HORSEPOWER MOTORS

Class B Insulation • 60°C (140°F) Max Ambient

FEATURES

- UL/CSA approved Class B insulation
- All-angle mount
- Energy-efficient PSC design
- Lead length 36" to 48"
- Reversing connectors
- 60 Hertz
- Totally enclosed
- Durable ball bearings or dependable all-angle sleeve bearings
- Continuous duty, air over
- Mounts by belly band, adjustable extended thru-bolts, or Rheem[®] mounting holes, with screws supplied
- UL and CSA recognized

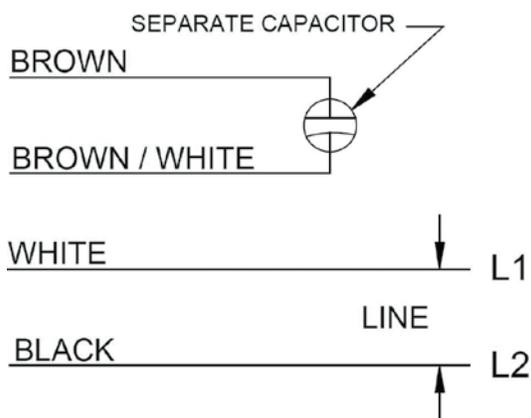
APPLICATIONS

- Residential and light commercial condenser fans



ONE SIMPLE CONNECTION

STOCK NUMBER	HP	VOLTS	APPROX AMPS	APPROX RPM	SPEEDS	CAPACITOR	BEARINGS	SHELL LENGTH	SHAFT	ROTATION	WT.
Class B Insulation – 60°C (140°F) Max Ambient – Sleeve Bearing											
ORM5488	1/3	208-230	2.1	825	1	7.5MFD / 370V	Sleeve	4.86	1/2" X 6-1/2"	Reversible	15.8
	1/4		1.4	865							
	1/6		1.2	875							
	1/8		1.1	882							
ORM5458	1/3	208-230	2.0	1075	1	7.5MFD / 370V	Sleeve	4.00	1/2" X 6-1/2"	Reversible	11.8
	1/4		1.3	1140							
	1/5		1.1	1155							
	1/6		1.0	1160							
Class B Insulation – 60°C (140°F) Max Ambient – Ball Bearing											
ORM5488B	1/3	208-230	2.1	825	1	7.5MFD / 370V	Ball	4.86	1/2" X 6-1/2"	Reversible	15.8
	1/4		1.4	865							
	1/6		1.2	875							
	1/8		1.1	882							
ORM5458B	1/3	208-230	2.0	1075	1	7.5MFD / 370V	Ball	4.00	1/2" X 6-1/2"	Reversible	11.8
	1/4		1.3	1140							
	1/5		1.1	1155							
	1/6		1.0	1160							



ONE SIMPLE CONNECTION:

Each Century[®] 4-in-1 motor is designed to replace four different horsepower motors with just one simple line connection. No need to change capacitors or select different speed taps. The four motors above will replace 16 different OEM motors in both 6 and 8 pole designs with one capacitor size (7.5MFD/370V) and one line connection.

4-IN-1[®] HEATMASTER[®] MOTORS

Class F Insulation • 70°C (158°F) Max Ambient

SAME FEATURES AS THE CLASS B INSULATION, 60°C MAX AMBIENT MOTOR, PLUS

- UL/CSA approved Class F insulation
- High-temperature UL/CSA approved overload protector
- 3-year warranty from date of manufacture date code, or 2 years from the date of installation
- Water-resistant reversing plug



ONE SIMPLE CONNECTION

STOCK NUMBER	HP	VOLTS	APPROX AMPS	APPROX RPM	SPEEDS	CAPACITOR	BEARINGS	SHELL LENGTH	SHAFT	ROTATION	WT.
Class F Insulation – 70°C (158°F) Max Ambient – Sleeve Bearing											
ORM5484F	1/8	208-230	0.8	825	1	5MFD / 370V	Sleeve	4.24	1/2" X 6-1/2"	Reversible	11.8
	1/10		0.7	850							
	1/12		0.6	865							
	1/15		0.5	875							
ORM5488F	1/3	208-230	2.1	825	1	7.5MFD / 370V	Sleeve	4.86	1/2" X 6-1/2"	Reversible	15.8
	1/4		1.4	865							
	1/6		1.2	875							
	1/8		1.1	882							
ORM5454F	1/8	208-230	0.8	1075	1	5MFD / 370V	Sleeve	3.99	1/2" X 6-1/2"	Reversible	10.6
	1/10		0.7	1125							
	1/12		0.6	1135							
	1/15		0.5	1155							
ORM5458F	1/3	208-230	2.0	1075	1	7.5MFD / 370V	Sleeve	4.00	1/2" X 6-1/2"	Reversible	11.8
	1/4		1.3	1140							
	1/5		1.1	1155							
	1/6		1.0	1160							
Class F Insulation – 70°C (158°F) Max Ambient – Double Sealed Ball Bearing											
ORM5484BF	1/8	208-230	0.8	825	1	5MFD / 370V	Ball	4.24	1/2" X 6-1/2"	Reversible	11.8
	1/10		0.7	850							
	1/12		0.6	865							
	1/15		0.5	875							
ORM5488BF	1/3	208-230	2.1	825	1	7.5MFD / 370V	Ball	4.86	1/2" X 6-1/2"	Reversible	15.8
	1/4		1.4	865							
	1/6		1.2	875							
	1/8		1.1	882							
ORM5489BF	1/2	208-230	2.5	825	1	10MFD / 370V	Ball	5.61	1/2" X 6-1/2"	Reversible	18.0
	1/3		1.8	850							
	1/4		1.5	865							
	1/5		1.2	875							
ORM4688BF	1/3	460	1.0	825	1	7.5MFD / 370V	Ball	5.11	1/2" X 6-1/2"	Reversible	15.4
	1/4		0.7	865							
	1/6		0.6	875							
	1/8		0.5	880							
ORM5454BF	1/8	208-230	0.8	1075	1	5MFD / 370V	Ball	3.99	1/2" X 6-1/2"	Reversible	10.6
	1/10		0.7	1125							
	1/12		0.6	1135							
	1/15		0.5	1155							
ORM5458BF	1/3	208-230	2.0	1075	1	7.5MFD / 370V	Ball	4.00	1/2" X 6-1/2"	Reversible	11.8
	1/4		1.3	1140							
	1/5		1.1	1155							
	1/6		1.0	1160							
ORM5459BF	1/2	208-230	3.6	1075	1	10MFD / 370V	Ball	5.36	1/2" X 6-1/2"	Reversible	17.0
	1/3		2.6	1135							
	1/4		2.2	1155							
	1/5		2.1	1165							
ORM4658BF	1/3	460	1.2	1075	1	7.5MFD / 370V	Ball	4.86	1/2" X 6-1/2"	Reversible	13.4
	1/4		0.8	1155							
	1/5		0.7	1160							
	1/6		0.6	1165							
ORM4659BF	1/2	460	1.5	1075	1	10MFD / 370V	Ball	5.61	1/2" X 6-1/2"	Reversible	19.0
	1/3		1.0	1135							
	1/4		0.8	1155							
	1/5		0.7	1165							

4-IN-1® HEATMASTER® ULTRA MOTORS

Class F Insulation • 80°C (176°F) Max Ambient

FEATURES

- 80°C (176°F) max ambient
- Speed Engineered® motor, for head pressure - speed controls
- Double sealed ball bearings with high temperature synthetic grease
- Energy-efficient PSC design
- 3-year warranty from date of manufacture date code, or 2 years from the date of installation
- High-temperature UL/CSA approved overload protector
- UL/CSA approved class F insulation
- Water-resistant reversing plug

- All-angle mount
- Mounts by belly band, adjustable extended thru-bolts, or mounting holes, with screws supplied
- Lead length 48"
- 60 Hertz
- Totally enclosed
- Continuous duty, air over

APPLICATIONS

- HVAC condenser fans
- Refrigeration condenser fans



ONE SIMPLE CONNECTION

STOCK NUMBER	HP	VOLTS	APPROX AMPS	APPROX RPM	SPEEDS	CAPACITOR	BEARINGS	SHELL LENGTH	SHAFT	ROTATION	WT.
Class F Insulation – 80°C (176°F) Max Ambient – Double Sealed Ball Bearing											
ORM5488BU	1/3	208-230	1.8	825	1	7.5MFD / 370V	Ball	4.86"	1/2" X 6-1/2"	Reversible	15.8
	1/4		1.4	865							
	1/6		1.2	875							
	1/8		1.1	882							
NEW! ORM4688BU	1/3	460	1.0	825	1	7.5MFD / 370V	Ball	5.24"	1/2" X 6-1/2"	Reversible	17.0
	1/4		0.7	865							
	1/6		0.6	875							
	1/8		0.5	880							
NEW! ORM5454BU	1/8	208-230	0.8	1075	1	5MFD / 370V	Ball	3.99"	1/2" X 6-1/2"	Reversible	11.0
	1/10		0.7	1125							
	1/12		0.6	1135							
	1/15		0.5	1155							
ORM5458BU	1/3	208-230	1.9	1075	1	7.5MFD / 370V	Ball	4.11"	1/2" X 6-1/2"	Reversible	11.8
	1/4		1.3	1140							
	1/6		1.1	1155							
	1/8		1.0	1160							

NOTE: Suitable for use with most solid state speed control devices.

It is the responsibility of the installer to properly adjust the speed control to the motor for the specific application. The correct voltage settings are application specific and unique to each motor. Failure to perform proper setup can lead to substandard performance and/or failure of the system components. Do not set the voltage at the motor to less than 1/2 the motors rated voltage.

What if...

you had a motor where you could adjust the speed using a head pressure fan speed control and still not overheat or trip the internal protector?



Head Pressure fan speed controls, while offering advantages of greater control and system efficiency for commercial motor applications, can also cause premature motor failures in motors not designed specifically for their use.

Our Speed Engineered® HeatMaster® Ultra motors are specially designed and constructed to handle the higher temperatures that can occur when PSC motors are applied with speed controls. Our Speed Engineered solution adds features to reduce nuisance trip outs, bearing failures and premature winding failures.

4-IN-1® MULTI-HORSEPOWER MOTORS

BUILT TO BE YOUR TRUCK STOCK MOTOR

- The line of 4-in-1® motors replaces hundreds of the most popular 48-frame condenser fan motors currently installed - with "one simple connection"
- Versatile mounting options, multi-mounting capability, replaces multiple styles of OEM motors, all angle mount
 - › OEM (Rheem®) mounting holes, with screws supplied
 - › Adjustable extended thru-bolts
 - › Belly band
- Simple three wire connection (L1, L2, & Capacitor) similar to original motor
- One motor replaces (4) horse power ratings with the same electrical connection (eliminates having to select various speeds or change capacitor sizes)

WHAT IS THE VALUE OF HAVING THE PART YOU NEED ON THE TRUCK?

- Reduce unnecessary trips to the distributor and long drive times to get a replacement
- Eliminate temporary motor substitutions
- Get the job done the same day with the right part
- Reduce truck stocking costs
- Get more jobs done in the same day

BUILT TO LAST

- Available in 70°C design and select models available in 80°C design
- Durable ball bearings or dependable all-angle sleeve bearings
- Water resistant rubber grommet at lead opening
- Water resistant reversing plug on 70°C and 80°C motors





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APPLICATION CONSIDERATIONS

The proper selection and application of products and components, including paying full attention to the subject of product safety in the application, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, maintenance requirements, installation configurations, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or reviews furnished by Regal Beloit America, Inc. or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge. However, Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and reviews being given and accepted are at the customer's risk.

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