



	Page		Page
• Unit Bearing/Watt Motors	5-8	• Special Purpose Motors	40-48
• ECM Refrigeration Motors	8-12	• Oil Burner	
• Skeleton Motors	12-13	• Pump	
• Booster Fan	14	• Belt Drive	
• Draft Inducers	15-17	• Commercial Condenser Fan	
• 3 3/8" Diameter Motors	13, 15-19	• Fractional/Integral	
• 4 to 5" Diameter Motors	13, 14, 19-25	• C-Face	
• 5 5/8" Diameter Motors	26-39	• Replacement OEM Motors	49-56
• Direct Drive		• Motor Accessories	57-59
• Double Shaft		• Original OEM Motors	59-63
• Condenser Fan		• Bohn	
• 6 1/2" Diameter Motors	39-40	• Larkin	
		• Copeland	
		• Tecumseh	
		• Trenton	
		• Application Guidelines	2-4, 64-66

MOTOR APPLICATION MATRIX

AC

Motor Type	Hp Range	Speed Range	Starting Torque as a percent of full load torque	Characteristics	Typical uses	
Shaded Pole (KSP)	1/80 - 1/4	variable	very low	Light duty for small loads. Low in efficiency - usually air over required. Generally single voltage. Non-reversible.	Small fans & blowers Hair dryers Unit heaters Space heaters Humidifiers Seed cleaners	Freezer blowers Small vent fans Small exhaust fans Window fans Floor fans Portable evap. coolers
		1050	50 -100%			
		1550				
		3000				
Permanent Split Capacitor (KCP)	1/30 - 3/4	variable	low	Has a higher efficiency and power factor than shaded pole. Not recommended for belt drive. Normally single voltage and rotation. Adapts to solid state speed control.	Shaft mounted fans and blowers Room & central air conditioners -condenser fans -evaporator fans Furnace blowers	Animal confinement fans Window fans Unit heaters Garage door openers
		825	75 - 150%			
		1075				
		1625				
		3250				
Split Phase (KH)	1/2 - 3/4	850	moderate to low	Use where low to medium starting torque suffices. Not adaptable to variable speed control. Usually single voltage, dual rotation.	Belted fans and blowers Air conditioning fans and blowers Office machines Centrifugal pumps Home appliances	Oil burners Poultry feeders Attic fans Furnace blowers Small tools Lathes Door operators
		1140	130-170%			
		1725				
		3450				
Capacitor Start (KC)	1/6 - 5	850	Moderate to high	All purpose motors for high starting torque applications. Suitable for most heavy duty applications. Usually dual voltage, dual rotation. Capacitor is used to give high starting torque.	Compressors Conveyors Pumps Augers (grain, etc.) Cranes & hoists Machine tools Grain stirrers Ventilating fans Food equipment	Vacuum pumps Manure pumps Milk coolers Elevators Cattle feeders Drying fans Aeration fans Gear motors
		1140	200-400%			
		1725				
		3450				
Capacitor Start Capacitor Run (KCR)	1/3 - 10	850	Moderate to high	The addition of a run capacitor improves efficiency, power factor and reduces load current. The run capacitor may be added just to improve efficiency, or to match motor losses with the cooling system.	Essentially all capacitor start motors above 1 Hp are capacitor start, capacitor run. Same typical uses as capacitor start. Barn cleaners Silo unloaders Feed mills Large bucket elevators	
		1140	200-400%			
		1725				
		3450				
Three Phase (K)	1/4 - 250+	850	Moderate to high	For applications where three phase power is available. Relatively simple construction with no switch, centrifugal mechanism, capacitors, or start windings.	Same typical uses as capacitor start and capacitor start, capacitor run. May be used on AC variable speed drive applications with appropriate inverter control.	
		1140	200-300%			
		1725				
		3450				
Electronically Commutated Motor (ECM)	4W - 3 HP	variable 300-3600	High (variable and maintainable)	ECM motors are comprised of a brushless permanent magnet (BPM) motor integrated with an electronic control module resulting in a highly energy-efficient operation.	Refrigeration watt motors Residential HVAC condenser motors Residential furnace and air handle blower motors Commercial roof top/condenser fan motors Condenser / heat pump outdoor duty fan motors Package terminal air conditioner (PTAC) Ventilation / roof ventilators / fan filter units Pump drives and commercial machinery	
Permanent Magnet	1/20 - 3	variable	Moderate	Moderate starting torque and good running speed regulation. High efficiency since no field losses; therefore, good for battery and rectified power operation. Simple, reliable construction. Replacing shunt wound field motors to a great extent. Easy to reverse.	Adjustable speed drives -Industrial production equip. -Machine tools -Tape reel drives Machinery -Material handling -Medical equipment -Textile equipment -Agricultural equip.	Fans Personnel carriers Wheelchairs EV power steering Elevator door Commercial door operators Electric vehicle accessories
		1140	200-300%			
		1725				
		2500				
Shunt Wound	1/12 - 250+	variable	High	High starting torque. Used where constant speed is needed at any control setting or where large speed range is required. Operated from adjustable voltage power supplies.	Business equipment Conveyors Machine tools Material handling Feed drives Textile machines	Presses Packaging machines
		1140	700-800%			
		1725				
		2500				

NOTE: There are many other types of DC motors available, such as compound, compensated shunt, and series. Application of these may require factory help.

Courtesy of GE Industrial Systems (Fort Wayne, Indiana) 2002, Revised by United Refrigeration, Inc. 2018

Motor Types

The most commonly encountered air-moving motors are Permanent-Split Capacitor and Shaded-Pole types. On the outside, these two motor types look very much alike. Sometimes, it may be necessary to disassemble the motor to be replaced to properly identify its type. This is easily accomplished by removing the thru bolts or clips, and tapping the end shields off of the motor shell.

Shaded-Pole (SP)

- Used where low cost and low starting torques are required. They are used to drive blowers, bathroom ventilators, range hoods, attic ventilators, down draft blowers, fan coils, etc.
- A Shaded-Pole motor can be recognized by the readily identifiable individual stator coil windings and the single copper band (shaded coil) formed around one side of each stator pole.
- Shaded-Pole motors rotate toward the shading band.

Capacitor Start

- A higher starting torque motor than the split phase motor. It is constructed similar to the split phase motor. The key exception is that the capacitor start motor has a capacitor in series with the start winding to increase the start torque. The capacitor is usually visible and mounted on motor frame. Used in hard-to-start applications such as compressors and pumps.

Permanent-Split Capacitor (PSC)

- Used where higher starting torques are needed than what a shaded-pole motor will provide. They are also used where higher efficiency motors are required. Due to their efficiency, they have become the motor of choice versus a shaded-pole design. They are used to drive blowers and all the other air-moving applications where shaded-pole motors are found. They also are manufactured in higher horsepower ratings than what can be found in shaded-pole designs. Therefore, they get used in heavier duty applications such as outside condensers.
- A PSC motor can usually be recognized by the capacitor that is connected to it. Also, between the main pole windings in the motor, there are pole windings of finer wire. This is the auxiliary winding.

Split Phase

- Higher starting torque motors than a PSC. Suitable for belt drive furnace blowers and belt drive ventilators. They are more efficient than Shaded-Pole motors but not as efficient as a PSC motor. These motors have more defined RPM ratings. They are usually rated at 3450, 1725, and 1140. They are not constructed to provide the wide-range of multi-speeds as seen in shaded-pole and PSC motors. Multi-speed split phase motors are commonly built using separate windings to provide other speeds. This assures the speed sensitive start switch will operate correctly in the motor.

Electronically Commutated Motor (ECM)

- Used for evaporator and condenser fans, as well as air handlers with direct drive blowers. ECM technology is the most energy efficient design available for single phase fan applications. This is achieved by a built-in electronic control board that converts AC current to DC. There are magnets attached to the rotor and the DC current is then used to power the 'Permanent Magnet 3 Phase Motor. The electronic control board can be programmed to increase the cycles for a faster speed or decrease the cycles for slower speeds. The control board also senses the RPM 'slip' as static pressure increases and can adjust the torque in order to maintain a constant speed, therefore the CFM also remains constant.

Motor Enclosures

Open Motor

- An open motor is one having ventilating openings which permit passage of external cooling air over and around the windings of the motor.

Drip-proof Motor

- A drip-proof motor is an open motor in which the ventilating openings are so constructed that successful operation is not interfered with when drops of liquid or solid particles strike or enter the enclosure at any angle from 0 to 15 degrees downward from the vertical.

Totally-enclosed Nonventilated Motor (TENV)

- A totally-enclosed nonventilated motor is not equipped for cooling by means external to the enclosing parts, however is designed with sufficient iron stack to cool itself. (Not to be confused with totally-enclosed air over.)

Totally-enclosed Fan-cooled Motor (TEFC)

- A totally-enclosed fan-cooled motor is equipped for exterior cooling by means of a fan or fans integral to the motor but external to the enclosing parts.

Explosion-proof Motor

- An explosion-proof motor's enclosure is designed and constructed to withstand an explosion of a specified gas or vapor which may occur within it and to prevent the ignition of the specified gas or vapor surrounding the motor by sparks, flashes or explosions of the specified gas or vapor which may occur within the motor casing.

Dust-ignition-proof Motor

- A dust-ignition-proof motor is a totally-enclosed motor whose enclosure is designed and constructed in a manner which will exclude ignitable amounts of dust or amounts which might affect performance or rating, and which will not permit arcs, sparks, or heat otherwise generated or liberated inside the enclosure to cause ignition of exterior accumulations or atmospheric suspensions of a specific dust on or in the vicinity of the enclosure.

Totally-enclosed Fan-cooled Guarded Motor

- A totally-enclosed fan-cooled guarded motor is a totally-enclosed fan-cooled motor in which all openings giving direct access to the fan are limited in size by the design of the structural parts or by screens, grilles, expanded metal, etc., to prevent accidental contact with the fan. Such openings shall not permit the passage of a cylindrical rod 0.75 inch in diameter and a probe shall not contact the blades, spokes or other irregular surfaces of the fan.

Totally-enclosed Air-Over Motor (TEAO)

- A totally-enclosed air-over motor is intended to be cooled by the fan or blower mounted to the motor shaft.

NEMA Standard Motor Dimensions

- General Purpose Motors
- Single and Three Phase 143T-326T Frame
- All dimensions in inches

Dimensions

Drip-proof, Totally Enclosed Fan Cooled and Explosion Proof. All dimensions are approximate, not to be used for construction purposes. Note: Drawing shows rigid base. Foot mounting dimensions listed are identical for either rigid or resilient base mounting. For 56H Combination Foot, refer to Diagram 1. For C Flange motors, refer to Diagram 2.

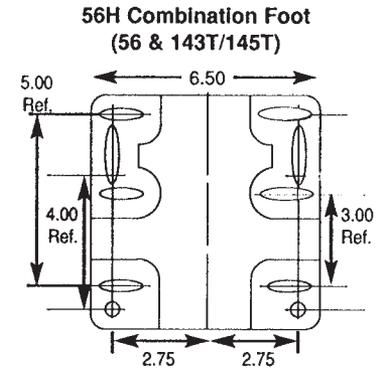
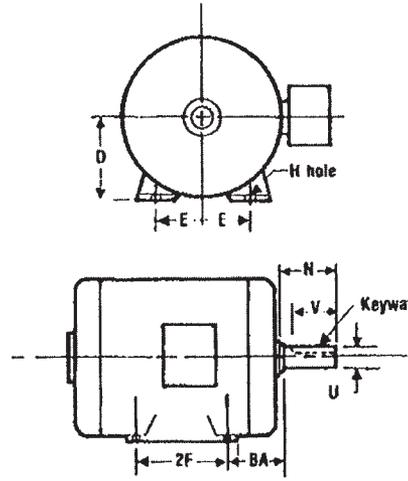
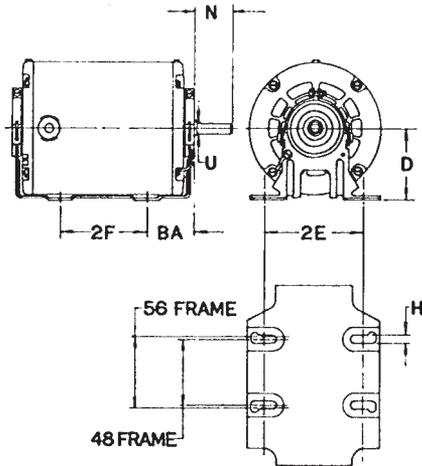


Diagram 1
Suffix "Y" = Special Mount Dim.
Suffix "Z" = Special Shaft Dim.

NEMA Frame	D	2E	2F	BA	H	N (Min)	U	Shaft Key		
								Wide	Thick	Long
48	3.00	4.25	2.75	2.50	0.34 SLOT	1.50	0.500	—	0.453 FLAT	—
56	3.50	4.88	3.00	2.75	0.34 SLOT	1.88	0.625	0.19	0.19	1.38
56H	3.50	4.88	5.00	2.75	0.34 SLOT	1.88	0.625	0.19	0.19	1.38
56HZ	3.50	4.88	5.00, 3.00, 4.00	2.75	0.34 SLOT	1.94	0.875	0.19	0.19	1.38

Note: NEMA 56H and 56HZ bases contain the mounting hole dimensions for NEMA 56, 143T and 145T frames.

NEMA Frame	Keyway	BA	D (1)	E	2F	H	N	U (2)	V (3)
143T	3/16 x 3/32	2.25	3.50	2.75	4.00	11/32	2.31	.875	2.00
145T	3/16 x 3/32	2.25	3.50	2.75	5.00	11/32	2.31	.875	2.00
182T	1/4 x 1/8	2.75	4.50	3.75	4.50	13/32	2.81	1.125	2.50
184T	1/4 x 1/8	2.75	4.50	3.75	5.50	13/32	2.81	1.125	2.50
213T	5/16 x 5/32	3.50	5.25	4.25	5.50	13/32	3.50	1.375	3.13
215T	5/16 x 5/32	3.50	5.25	4.25	7.00	13/32	3.50	1.375	3.13
254T	3/8 x 3/16	4.25	6.25	5.00	8.25	17/32	4.25	1.625	3.75
256T	3/8 x 3/16	4.25	6.25	5.00	10.00	17/32	4.25	1.625	3.75
284T	1/2 x 1/4	4.75	7.00	5.50	9.50	17/32	4.88	1.875	4.38
284TS	3/8 x 3/16	4.75	7.00	5.50	9.50	17/32	3.50	1.625	3.00
286T	1/2 x 1/4	4.75	7.00	5.50	11.00	17/32	4.88	1.875	4.38
286TS	3/8 x 3/16	4.75	7.00	5.50	11.00	17/32	3.50	1.625	3.00
324T	1/2 x 1/4	5.25	8.00	6.25	10.50	21/32	5.50	2.125	5.00
324TS	1/2 x 1/4	5.25	8.00	6.25	10.50	21/32	4.00	1.875	3.50
326T	1/2 x 1/4	5.25	8.00	6.25	12.00	21/32	5.50	2.125	5.00
326TS	1/2 x 1/4	5.25	8.00	6.25	12.00	21/32	4.00	1.875	3.50

Notes: Dimension "D" tolerance: 8" or less, +.000, -.031; over 8" +.000, -.062.
Dimension "U" tolerance: 1 1/2" diameter or less, +.000, -.001.
Dimension "V" is usable length of shaft.

UNIT BEARING/WATT MOTOR



2 WATT - 16 WATT

Features

- 51 Frame. 3 1/2" diameter, 1 speed
- Cast iron construction
- Thermal overload protection
- 1/4" threaded shaft
- Shaded pole, air over
- Rear hub or base mount
- Rotation viewed opposite shaft end

Applications

- Refrigerators
- Freezers
- Display Cases
- Walk Ins



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
NRP5111	2.5W	115/1	1550	0.24	CWOSE	2 1/2	1/4-20 Thd.	1/2	2.0	50.16
NRP5211	4W	115/1	1550	0.35	CWOSE	2 1/2	1/4-20 Thd.	1/2	2.2	51.16
NRP5212	4W	115/1	1550	0.35	CCWOSE	2 1/2	1/4-20 Thd.	1/2	2.2	51.16
NRP5311	6W	115/1	1550	0.50	CWOSE	2 1/2	1/4-20 Thd.	1/2	3.3	55.40
NRP5312	6W	115/1	1550	0.50	CCWOSE	3	1/4-20 Thd.	1/2	3.3	55.40
NRP5411	9W	115/1	1550	0.62	CWOSE	3	1/4-20 Thd.	1/2	3.3	57.74
NRP5412	9W	115/1	1550	0.62	CCWOSE	3	1/4-20 Thd.	1/2	3.3	57.74
NRP5811	16W	115/1	1550	1.10	CWOSE	3 1/4	1/4-20 Thd.	1/2	4.0	69.86
NRP5812	16W	115/1	1550	1.10	CCWOSE	3 1/4	1/4-20 Thd.	1/2	4.0	69.86
NRP5221	4W	208-230/1	1550	0.20	CWOSE	3 1/4	1/4-20 Thd.	1/2	2.3	53.20
NRP5222	4W	208-230/1	1550	0.20	CCWOSE	3 1/4	1/4-20 Thd.	1/2	2.3	53.20
NRP5421	9W	208-230/1	1550	0.33	CWOSE	3 1/4	1/4-20 Thd.	1/2	3.2	62.76
NRP5422	9W	208-230/1	1550	0.33	CCWOSE	3 1/4	1/4-20 Thd.	1/2	3.1	62.76
NRP5821	16W	230/1	1550	0.60	CWOSE	3 1/4	1/4-20 Thd.	1/2	4.0	72.24
NRP5822	16W	230/1	1550	0.60	CCWOSE	3 1/4	1/4-20 Thd.	1/2	4.0	72.24



35 WATT - 50 WATT

NRP 35 and 50 watt condenser fan motors replace GEI and 21 frame series motors as well as EMS manufactured motors designed for commercial refrigeration units, large air conditioning units, and high volume air applications.

- UL recognized, CSA certified



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
NRP254V	35W	115/1	1550	1.4	CWOSE	3 1/3	1/4-20 Thd.	1/2	4.5	127.80
NRP255V	35W	115/1	1550	1.4	CCWOSE	3 1/3	1/4-20 Thd.	1/2	4.5	127.80
NRP256V	35W	230/1	1550	0.7	CWOSE	3 1/3	1/4-20 Thd.	1/2	4.7	132.24
NRP257V	35W	230/1	1550	0.7	CCWOSE	3 1/3	1/4-20 Thd.	1/2	4.7	132.24
NRP258V	50W	115/1	1550	1.7	CWOSE	3 1/2	3/8	1 1/2	5.5	157.16
NRP259V	50W	115/1	1550	1.7	CCWOSE	3 1/2	3/8	1 1/2	5.5	157.16
NRP260V	50W	208-230/1	1550	0.85	CWOSE	3 1/2	3/8	1 1/2	6.2	171.16
NRP261V	50W	230/1	1550	0.85	CCWOSE	3 1/2	3/8	1 1/2	6.2	171.16



5 WATT - 9 WATT, LYALL PLUG

- Rotation determined by viewing opposite shaft end
- 1/4" threaded shaft
- Cast Iron
- Includes lyall plug
- Low temperature oil
- Shaded pole



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Mounting	Lyall Plug	Wt./Ea. (Lbs.)	Price
							Dia.	L				
65119	5W	115/1	1550	0.34	CWOSE	2 3/8	1/4-20 Thd.	1/2	Double Foot Pads	Straight	3.0	56.60
65018	5W	115/1	1550	0.34	CWOSE	2 1/2	1/4-20 Thd.	1/2	Single Foot Pad	90 Degree	3.75	62.44
65017	9W	115/1	1550	0.55	CWOSE	2 1/2	1/4-20 Thd.	1/2	Single Foot Pad	90 Degree	3.0	66.76

"A" = Case Length

All NRP and IRP Motors are individually boxed with hardware included

UNIT BEARING/WATT MOTOR



9 WATT - ALUMINUM CONSTRUCTION

Features

- Single speed
- Aluminum construction
- Thermal protection
- Rear hub or base mount
- Mounting hardware

- Shaded pole, air over
- Rotation viewed opposite shaft end

Applications

- Condenser & evaporator fans for refrigerators, freezers, coolers, vending machines and other similar applications

Formerly GE

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
S5423	9W	208-230/1	1550	0.25	CWOSE	3	1/4-20 Thd.	3/8	2.0	70.06



5 WATT - 9 WATT

Features

- 51 Frame. 3 1/2" diameter, 1 speed
- Cast iron construction
- Thermal overload protection
- 1/4" threaded shaft
- Shaded pole, air over

- Rear hub or base mount
- Rotation viewed opposite shaft end

Applications

- Refrigerators
- Freezers
- Display Cases
- Walk Ins

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UB592	5W	115/1	1550	0.34	CWOSE	2 1/4	1/4-20 Thd.	1/2	2.59	45.28
UB560	6W	115/1	1550	0.18	CWOSE	2 7/8	1/4-20 Thd.	1/2	2.00	54.98
UB594	6W	115/1	1550	0.36	CWOSE	2 1/2	1/4-20 Thd.	1/2	3.05	66.46
UB597	9W	115/1	1550	0.53	CWOSE	2 1/2	1/4-20 Thd.	1/2	3.13	67.74
UB562	9W	115/1	1550	0.53	CWOSE	2 1/2	1/4-20 Thd.	1/2	2.20	55.77



5 WATT - 9 WATT, ALUMINUM CONSTRUCTION

Features

- Single speed
- Thermal protection
- Rear hub or base mount
- Shaded pole, air over
- Rotation viewed opposite shaft end
- 65413, 10037, 10038 aluminum construction, 10009 cast iron

Additional Features for 10037:

- Extra short 2 3/8" body length (less shaft limitations)
- Direct replacement for Oasis 027354-026 & 027354-037
- Double mounting feet

Applications

- 10037: any 5 Watt application with space limitations
- Condenser & evaporator fans for refrigerators, freezers, coolers, vending machines and other similar applications

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
10037	5W	115/1	1550	0.34	CWOSE	2 3/8	1/4-20 Thd.	1/2	2.0	109.04
65413	9W	115/1	1550	0.50	CWOSE	2 3/8	1/4-20 Thd.	1/2	2.0	49.56
10009	9W	115/1	1550	0.53	CWOSE	2 1/2	1/4-20 Thd.	1/2	2.0	109.00
10038-PACKARD	9W	115/1	1550	0.53	CW	2 1/2	1/4-20 Thd.	1/2	2.0	118.10



4 WATT - 9 WATT, REVERSING - PSC

Features

- 3 1/2" diameter
- Cast iron construction
- Capacitor mounted inside the motor
- Includes 3-prong molded plug
- PSC: replaces models that reverse in the defrost cycle
- Single speed
- Thermal protection

- 1/4-20 threaded shaft
- Rear hub or base mount

Applications

- Condenser & evaporator fans for refrigerators, freezers, coolers, vending machines and other similar applications

Formerly GE

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
00114	4W	115/1	1550	0.20	CWOSE	2.5	1/4-20 Thd.	3/8	3.2	243.44
00117	9W	115/1	1550	0.26	CWOSE	2.5	1/4-20 Thd.	3/8	3.2	209.46

"A" = Case Length



4 WATT - 16 WATT

Features

- 3 1/2" diameter
- Single speed
- Cast iron construction
- Thermal protection
- 1/4-20 threaded shaft
- Rear hub or base mount

- Mounting hardware
- Shaded pole, air over
- Rotation viewed opposite shaft end

Applications

- Condenser & evaporator fans for refrigerators, freezers, coolers, vending machines and other similar applications

Formerly GE **genteq**

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
S5211	4W	115/1	1550	0.27	CWOSE	2 1/2	1/4-20 Thd.	3/8	2.2	67.36
S5312	6W	115/1	1550	0.4	CCWOSE	3	1/4-20 Thd.	3/8	3.3	70.40
S5311	6W	115/1	1550	0.4	CWOSE	2 1/2	1/4-20 Thd.	3/8	3.4	70.40
S5411BOX	9W	115/1	1550	0.5	CWOSE	3	1/4-20 Thd.	3/8	3.3	67.20
S5412	9W	115/1	1550	0.5	CCWOSE	3	1/4-20 Thd.	3/8	3.3	72.68
S5811	16W	115/1	1550	1.0	CWOSE	3 1/4	1/4-20 Thd.	3/8	4.0	97.92
S5812	16W	115/1	1550	1.0	CCWOSE	3 1/4	1/4-20 Thd.	3/8	4.0	97.92
S5221	4W	230/1	1550	0.16	CWOSE	3 1/4	1/4-20 Thd.	3/8	2.3	73.62
S5222	4W	230/1	1550	0.16	CCWOSE	3 1/4	1/4-20 Thd.	3/8	2.3	73.62
S5421	9W	230/1	1550	0.25	CWOSE	3 1/4	1/4-20 Thd.	3/8	3.2	83.70
S5422	9W	230/1	1550	0.25	CCWOSE	3 1/4	1/4-20 Thd.	3/8	3.1	85.58
S5821	16W	230/1	1550	0.5	CWOSE	3 1/4	1/4-20 Thd.	3/8	4.0	106.04
S5822	16W	230/1	1550	0.5	CCWOSE	3 1/4	1/4-20 Thd.	3/8	4.0	104.06



15 WATT - 75 WATT

Features

- 3 7/8" diameter
- Single speed
- Cast iron construction
- High efficiency
- Unit bearing
- Manufactured by EM & S

- Shaded pole, air over
- Rotation viewed opposite shaft end

Applications

- OEM replacements for Copeland, Hill, Ice-O-Matic, Manitowoc, Scotsman, Tecumseh, and others.

Century

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE277	15W	115/1	1500	0.6	CCWOSE	3 3/8	5/16	7	5	238.02
UE250	25W	115/1	1500	1.1	CWOSE	3 3/8	1/4-20 Thd	1/2	5	190.16
UE251	25W	115/1	1500	1.1	CCWOSE	3 3/8	1/4-20 Thd	1/2	5	190.16
UE254	35W	115/1	1500	1.4	CWOSE	3 3/8	1/4-20 Thd	1/2	5	180.25
UE255	35W	115/1	1500	1.4	CCWOSE	3 3/8	1/4-20 Thd	1/2	5	185.10
UE258	50W	115/1	1500	1.7	CWOSE	3 9/16	3/8	1 1/2	7	211.77
UE259	50W	115/1	1500	1.7	CCWOSE	3 9/16	3/8	1 1/2	7	219.01
UE289	50W	115/1	1500	1.7	CWOSE	3 9/16	3/8	1 1/2	8	248.59
UE248	16W	230/1	1500	0.4	CWOSE	3 3/8	1/4-20 Thd	1/2	5	151.29
UE252	25W	230/1	1500	0.6	CWOSE	3 3/8	1/4-20 Thd	1/2	5	196.99
UE256	35W	230/1	1500	0.7	CWOSE	3 3/8	1/4-20 Thd	1/2	5	196.99
UE257	35W	230/1	1500	0.7	CCWOSE	3 3/8	1/4-20 Thd	1/2	5	196.99
UE260	50W	230/1	1500	0.85	CWOSE	3 9/16	3/8	1 1/2	7	218.80
UE261	50W	230/1	1500	0.85	CCWOSE	3 9/16	3/8	1 1/2	7	218.80
UE276	50W	230/1	1550	0.85	CCWLE	3 3/4	5/16	2 1/2	7	217.94
UE285	50W	230/1	1500	0.85	CWOSE	3 9/16	5/16	1 1/2	7	236.62
UE288	50W	230/1	1500	0.85	CWOSE	3 9/16	3/8	1 1/2	8	254.62
UE298	75W	230/1	1500	1.5	CWOSE	3 9/16	3/8	1 1/2	10	319.38

"A" = Case Length

UNIT BEARING/WATT MOTOR



SQUARE WATT MOTOR, 6 WATT - 16 WATT

Features

- Single Speed
- 3-1/4" Square Motor Body
- Motor Studs Mounts to Fan Guard
- Totally Enclosed, Air Over
- Sleeve Bearings

Applications

- OEM Refrigeration Condenser Fan
- Evaporator Fans



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft Dia. (In.)	Wt./Ea. (Lbs.)	Price
4W115	4W	115/1	1550	0.36	CCWSE	2 3/8	Hubbed	1.2	108.08
6W115	6W	115/1	1550	0.40	CCWSE	2 5/8	Hubbed	1.2	137.32
6W230	6W	230/1	1550	0.20	CCWSE	2 5/8	Hubbed	1.2	140.88
9W115	9W	115/1	1550	0.58	CCWSE	2 5/8	Hubbed	3	140.23
9W230	9W	230/1	1550	0.35	CCWSE	2 5/8	Hubbed	3	123.51
16W115	16W	115/1	1550	1.00	CCWSE	3	Hubbed	4	137.20
16W230	16W	230/1	1550	0.50	CCWSE	3	Hubbed	4	140.88
35W115	35W	115/1	1550	1.60	CCWSE	3 5/8	Hubbed	6	227.47
35W230	35W	230/1	1550	0.80	CCWSE	3 5/8	Hubbed	6	260.00

PSC REFRIGERATION



3-IN-1™, WALK-IN COOLER EVAPORATOR FAN MOTOR

Features

- All angle mounting: four studs on each end, bellyband mount
- Reversing plug
- 20" lead
- 3.3" frame
- Class B insulation
- Capacitor included
- Low temp (-40°F) lubrication system

Applications

- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Heater fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
9721 ●	1/12	115/208-230/1	1550	1.1/0.5	REV	1	3 5/8	5/16	2 3/4	4.75	118.95



EVAPORATOR FAN MOTOR

Features

- All angle mounting: four studs on each end, bellyband mount
- Reversing plug
- 20" lead
- 3.3" frame
- Class B insulation
- Capacitor included
- Low temp (-40°F) lubrication system

Applications

- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Heater fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
12EM1123X ●	1/12	115/208-230/1	1550	1.1/0.5	REV	1	3 5/8	5/16	2 3/4	4.75	101.12

"A" = Case Length

● Ball Bearing

ECM REFRIGERATION MOTOR



ECM

Features

- Multi mount
- Class B5 insulated
- Soft starting
- Lyall plug
- Lower heat

- Limited voltage fluctuation
- Directional sensor
- Moisture protection - IP65
- Operating range: -40 to 130°F

Applications

Evaporator and condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
EC416CW115	4W, 6W, 9W, 12W, 14W, 16W	115/1	1550	0.16/0.42	CWOSE	1	3 1/4	1/4-20 Thd.	1/4	2.1	110.00



ECM "RESCUE"

Features

- Up to 65% Efficiency
- Lyall plug
- -40°F to 130°F temperature rating
- IP66 Water Protection

- Single Pin and 4 Pin Fan Hubs included
- Double Mounting Feet
- 3 and 4 Hole Mounting Patterns on Hub End

Applications

Evaporator and condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
EC5411E	4W, 6W, 9W, 12W, 14W, 16W, 25W	115/208-230/1	1550-1725	0.22 to 0.75 @ 115V	CWOSE	2 1/2	1/4-20 Thd.	3/8	2.0	134.60
EC5412E	4W, 6W, 9W, 12W, 14W, 16W, 25W	115/208-230/1	1550-1725	0.15 to 0.45 @ 230V	CCWOSE	2 1/2	1/4-20 Thd.	3/8	2.0	134.60
KIT40	Lyall Plug Adapter from Straight to 90 Degree for EC5411D/12D									10.30



ECM

Features

- Ultra high efficiency
- Improved reliability
- Enhanced airflow performance
- Energy savings of 66% over a wide speed range
- Low operating temperature
- Lyall plug or EMF plug

- Accessories included: (1) speed nut, (1) resilient fan silencer, (3) 8-36 mounting screws, (1) rainshied
- Replaces GE ECM 55/44 frame motors
- Totally enclosed air over
- Unit bearing
- 1/4 - 20 threaded shaft
- 60 Hz

Formerly GE

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
05443	9W	115/1	1650	0.32	CWOSE	3 7/16	1/4-20 Thd.	3/8	3.1	214.36
05444	16W	115/1	1650	0.40	CWOSE	3 7/16	1/4-20 Thd.	3/8	3.2	239.06



ECM UNIT BEARING

EM&S has developed an electronically commutated motor that can serve as a drop-in replacement for practically all unit bearing motors in 6 to 12 watt applications. Electronic commutation dramatically reduces (up to 75%) the waste heat generated by a conventional motor

Features

- Single speed
- High efficiency
- 1/4-20 thread shaft
- Designed to match watt motor mount
- Rotation viewed opposite shaft end

- Unit bearing
- Standard 3 hole G-E hub mount
- Special 4 hole Hussman hub mount
- Mounting feet - top and bottom
- Lyall plug

Formerly GE

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
00621	6-9-12W	115/1	1550	0.1 to .7	CWOSE	2.55	1/4-20 Thd.	3/8	3.1	194.20

"A" = Case Length

• Ball Bearing

ECM REFRIGERATION MOTOR



ECM UNIT BEARING

Features

- Rain shield
- Lyall plug
- Exceeds 60% efficiency
- Low temperature oil

Applications

- Supermarket case evaporator fans

Additional features for UE9207F2:

- Both mounting 'feet' are drilled and tapped
- Rear hub is drilled for the standard 3 bolt mount and the 4 bolt Hussman mount

Additional features for UE9211:

- 5 mounting holes
- OEM Hussmann replacement



Part No.	HP	Diameter (In.)	Voltage	RPM	Amps	Rotation	Wt./Ea. (Lbs.)	Price
UE9207F2	6-9-12W	3 1/2	115/1	1550	0.3	CWOSE	3	176.02
UE9208	14-16W	3 1/2	115/1	1550	0.58	CWOSE	4	228.96
UE9211	13W	3 1/2	115/1	1725	0.47	CWOSE	3	297.17



ECM UNIT BEARING

Features

- Constant 1550RPM regardless of voltage fluctuations
- Direct drop-in replacements
- Ultimate commutated technology
- Rain shield
- Lyall plug
- Hub mount accepts both GE 3 bolt mount and Hussmann's 4 bolt pattern

Applications

- Supermarket case evaporator fans
- Condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
10012	6-12W	115/1	1550	0.30	CWOSE	1/4-20 Thd.	3/8	3	187.06
10020	16-25W	115/1	1575	0.60	CWLE	1/4-20 Thd.	3/8	2	219.90
10040	35-50W	115/1	1550	0.90	CCWOSE	1/4-20 Thd.	3/8	3.20	220.36
10042	35-50W	208-230/1	1550	0.45	CCWOSE	1/4-20 Thd.	3/8	3.25	235.00
10052	35-50W	230/1	1550	0.45	CWOSE	3/8	1 7/8	3.7	235.80



ECM FAN ASSEMBLY

Primarily used in commercial refrigeration air moving applications demanding high efficiency and dependability. These motors are moisture resistant, reliable, quiet unit bearing design with efficiencies three times higher than shaded pole motors and 45% higher than PSC. These replacement ECM Fan/Motor systems are all metal in design and have 1 discrete speed, variable torque, low temperature lubrication system which makes them extremely quiet with low vibration.

Features

- Lyall Plug
- Class B Insulation
- Thermal Protection
- 60 Hertz
- -40 to 55°C ambient operating temp.
- 10" mounting shroud
- Single Phase
- Single Speed
- Maximum watts 36



Part No.	HP	Voltage	RPM	Amps	Rotation	CFM @ 0.10"	"A" (In.)	Wt./Ea. (Lbs.)	Price
05470BOX	36W	115/1	1340	0.3	CW	270	3.90	3.1	166.36
05471BOX	36W	115/1	1470	0.4	CW	300	3.90	3.1	166.36
05472BOX	36W	115/1	1650	0.4	CW	360	3.90	3.1	166.36

"A" = Case Length



ECM HIGH EFFICIENCY

Features

- Life expectancy of 60,000+ hours
- Protection rating - IP65 moisture protection grade
- Totally enclosed
- All angle
- Continuous air over
- Long life sealed ball bearings
- M4 studs on 3.72" BC for shroud/guard



Part No.	HP	Voltage	RPM	Amps	Rotation	Wt./Ea. (Lbs.)	Price
00858	10W	115/1	1550	0.19	CCWSE	1.65	203.84
00852	15W	115/1	1600	0.22	CCWSE	3.00	192.58



ECM MOTOR AND FAN KIT

- Replaces GE Fan Pack 5SME58AAF1031
- Includes: ECR92JA12 motor, IMS100059 10 inch mounting shroud, 8 Inch 28 degree fan blade



Part No.	HP	Voltage	RPM	Amps	CFM @ 0.10"	Rotation	Wt./Ea. (Lbs.)	Price
ECR921400	5-16W	120/1	1800	0.34	315	CCWSE	2.05	200.46



ARKTIC™, ECM

Features

- Electronically Commutated Motor
- Mounting Studs on Both Ends
- Totally Enclosed - Air Over
- 50/60 Cycle Rated

Applications

- Evaporator fan motors used in "Walk-In" and "Reach-in" refrigerators and freezers
- Retrofit motor for 3.3" diameter evaporator motors

Formerly GE

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
05105	1/15	115/1	1550	1.1	CCW-OSE	3.36	5/16	2.61	4	333.58
05205	1/15	208-230/1	1550	0.63	CCW-OSE	3.36	5/16	2.61	4	333.58



RESCUE® ECM WALK-IN EVAPORATOR MOTORS

Features

- With Bolt Circle that match 3.3" Diameter Motors
- Electronically Commutated Motor
- Totally Enclosed - Air Over
- IP66 Dust Tight with all angle moisture protection (EC5408E is IP67)
- Mounting Studs on Both Ends
- High Efficiency up to 70%
- Dual Voltage: No Connection Change Required
- 50/60 Cycle Rated
- Low Profile

- Standard 10-32 Thread Mounting Studs
- Lyall/OEM Plug
- Thermally Protected
- Rear stud mount adaptor kit #42 and 42T
- 90° Cable adaptor kit #40

Applications

- Evaporator fan motors used in "Walk-In" and "Reach-in" refrigerators and freezers
- Retrofit motor for 3.3" diameter evaporator motors



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
EC5404D	1/15	115/208-230/1	1550-1625	0.72 @ 115V 0.67 @ 230V	CWOSE	2 5/16	5/16	2 1/8	3	189.80
EC5408E	1/25, 1/20, 1/15	115/208-230/1	1550	0.60 to 0.72 @ 115V	CCWOSE REV	3 1/3	5/16	3.07	3	189.80

● Ball Bearing

"A" = Case Length

WALK-IN COOLER EVAPORATOR FAN MOTOR, 5" DIAMETER

MOTORS & ACCESSORIES



HEATCRAFT REPLACEMENT IMOTOR®, ECM

Features

- Direct Heatcraft OEM replacement motor
- ECM
- Lyall plug
- Single speed
- 60 Hz
- Up to 65% efficiency

- With bolt circle that match 3 3/8" diameter motors
- 42 Frame
- Four mounting studs on each end

Applications

- Refrigeration Evaporator
- Refrigeration Condenser



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Heatcraft Replacement	Wt./Ea. (Lbs.)	Price
							Dia.	L			
9215L	1/25, 1/20, 1/15	120/1	1625	1.2	CWSE	2.85	5/16	2.95	22617801, 22618001, 25307801, 25308001	4.6	452.35
9215H	1/25, 1/20, 1/15	208-230/1	1625	0.7	CWSE	2.85	5/16	2.95	22617701, 22617901, 25307701, 25307901	4.6	452.35
9216L	1/25, 1/20, 1/15	120/1	1625	1.2	CCWSE	2.85	5/16	2.95	2531194	4.6	452.35
9216H	1/25, 1/20, 1/15	208-230/1	1625	0.7	CCWSE	2.85	5/16	2.95	2531195	4.6	452.35

SKELETON MOTOR



Features

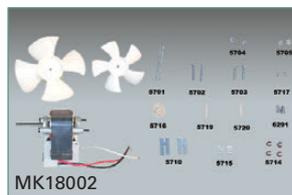
- 115/1 Volt (230 volt available)
- Thermally protected
- UL recognized, CSA certified
- Only K670 includes fan blades and mounting hardware

Applications

- Refrigeration fans, icemakers, vent fans



Part No.	HP	Voltage	RPM	Amps	Rotation	Stack Size (In.)	Shaft (In.)		Price
							Dia.	L	
K102	1/200	115/1	3000	0.64	CWSE	0.562	0.181	1.50	73.48
K120	1/200	115/1	3000	0.40	CWSE	0.562	0.217	1.55	64.91
K130	1/150	115/1	3000	0.43	CWSE	0.625	0.181	1.00	45.47
K670	1/150	115/1	3000	0.5	CCWSE	0.625	0.1875	1.75	70.49
K614	1/150	115/1	3000	0.6	CWSE	0.562	0.217	1.625	52.88
K100	1/100	115/1	3000	0.71	CWSE	0.625	0.181	1.10	64.19
K109	1/75	115/1	3000	0.71	CCWSE	0.75	0.217	2.37	63.63
K113	1/70	115/1	3000	1.2	CCWSE	0.75	0.217	1.15	64.91
K112	1/50	115/1	3000	1.0	CWSE	1.00	0.217	1.46	72.84



Features

- Fits standard units, Bohn; replaces Uppco & GE33 series
- Reversible
- Kits include adapters and hardware
- MK18003, MK18004 shafts adapt to 3/16", 1/4", 5/16" or hubless



Part No.	Description	Replaces	Price
MK18001	Motor Only, 1/100 HP, 120V, 3000 RPM	Acme 700, GEM EM670	34.22
MK18002	Kit, 1/100 HP, 120V, 3000 RPM	Acme 700, GEM EM670	41.52
MK18003	Kit, 1/50 HP, 120V, 3000 RPM	Acme 750	57.70
MK18004	Kit, 1/45 HP, 120/240V, 3000 RPM	Acme 7502	63.12

"A" = Case Length

● Ball Bearing



65670

Features

- Mechanically reversible

Applications

- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Heater fans



Part No.	HP	Voltage	RPM	Amps	Rotation	Shaft (In.)		Price
						Dia.	L	
65670	5/8" stack	115/1	3000	0.5	CWSE	3/16	1 1/4	24.96
65690*	5/8" stack	115/1	3000	0.5	CWSE	3/16	1 1/2	30.84

*Kit includes only one fan blade

REFRIGERATION FAN DUTY, 3 3/8" DIAMETER



D1142

OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Air over—fan duty
- Low temperature oil
- Molded plugs to match OEM

Applications

- Evaporator fans
- OEM replacements for Bohn, Larkin, McQuay, Kramer



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	OEM	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
D1144 ¹	1/25	115/1	1200	1.1	CWSE	3	McQuay	4 3/4	3/8	5 5/8	4.7	279.67
D1124	1/20	115/1	1550	2.1	CWSE	1	Bohn	3	5/16	3	4.0	146.67
D1101	1/20	115/1	1550	1.9	CCWSE	1	Larkin	2 3/4	5/16	2 1/4	3.0	140.64
D1152	1/20	115/1	1550	1.7	CWSE	1	Kramer	2 7/8	5/16	2 1/3	3.2	144.52
D1142	1/15	115/230/1	1550	1.7/0.9	CWSE	1	McQuay	3 1/2	5/16	2 1/2	4.8	202.85
D1103	1/20	208-230/1	1550	1.1	CCWSE	3	Larkin	3	5/16	2 1/4	3.0	145.43
D1154	1/20	230/1	1550	1.0	CWSE	1	Kramer	3 1/8	5/16	2 1/3	3.7	157.90
D1126	1/15	230/1	1550	1.1	CWSE	1	Bohn	3 1/2	5/16	3	4.0	151.91
D1125 ²	1/12	208-230/1	1550	0.5	CCWSE	1	Bohn	3 3/4	5/16	2 5/8	3.6	165.41

¹Requires 4µf, 370V capacitor ²Capacitor included



1EM1152X

OPEN VENTILATION

Features

- Shaded pole, air over
- Thermal protected
- Continuous duty
- UL/CSA approved

- 5/16" x 3" shaft
- 60 Hz (replaces Bohn 5008S & 5008T)
- Includes molded plug

Applications

- Most low profile evaporators



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	OEM	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
1EM1152XB ●	1/15	115/1	1550	2.1	CWSE	1	N/A	2 7/8	5/16	3	4.2	83.38
2EM1152XB ●	1/15	208-230/1	1550	1.1	CWSE	1	N/A	3 3/8	5/16	3	4.9	87.64

REFRIGERATION, 4" DIAMETER



OPEN VENTILATION

Features

- Shaded pole—single speed
- Internally cooled
- Thermal protection
- Matches GE11 frame mounting
- 3 7/8" fan shroud case OD

Applications

- Refrigeration fans
- Evaporator & condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE672 ●	1/15	115/208-230/1	1550	2.1/1.0	CCWOSE	4 7/8	5/16	2	5	188.92

● Ball Bearing

"A" = Case Length

REFRIGERATION, 4" DIAMETER



OPEN VENTILATION

Features

- Shaded pole—single speed
- 3.9" Diameter
- 1/2" studs for mounting
- Interchangeable with GE 11 Frame refrigeration motors
- Automatic Overload

- Thermally protected
- Rotation is determined by viewing the shaft end

Applications

- Commercial refrigeration
- Condenser fans
- Various fan applications



Part No.	HP	Voltage	RPM	Amps	Rotation	Replaces	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
D477	1/35	208-230/1	1550	0.75	CCWSE	S1432	4 1/4	5/16	1 5/8	4.5	218.56
D471	1/20	208-230/1	1550	1.1	CCWSE	S1332	4 1/4	5/16	2 1/2	4.70	230.07
D417 ●	1/20	208-230/1	1550	1.1	CCWSE	S1332	4 1/4	5/16	2 1/2	4.5	230.07
D470	1/20	208-230/1	1550	0.94	CWSE	S1342	4 1/4	5/16	2 5/8	4.2	233.81
D472	1/20	115/1	1550	1.9	CWSE	S1341	4 1/4	5/16	2 5/8	4.5	233.81
D473	1/20	115/1	1550	2	CCWSE	S1341	4 1/4	5/16	2 5/8	4.6	233.81
D671B ●	1/15	115/208-230/1	1550	2.1/1.1	CCWSE	—	4 5/8	5/16	2	4.9	186.65
D498	1/15	460/1	1550	0.5	CWSE	—	4 1/2	5/16	2 1/2	5.5	275.59
D469	1/12	208-230/1	1550	1.3	CCWSE	S1232	4 1/3	5/16	2 1/8	4.5	279.40



OPEN VENTILATION

Features

- Shaded pole—single speed
- GE 11 frame mount
- Cushion rings for base mount
- Thermal protection
- Rotation viewed opposite shaft end

Applications

- Commercial refrigeration
- Condenser fans
- Various fan applications



Part No.	HP	Voltage	RPM	Amps	Rotation	Base	"R" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
S1431	1/30	115/1	1550	1.7	CWOSE	S8042	4.82	5/16	1 1/4	4.6	399.70
S1441	1/30	115/1	1550	1.7	CCWOSE	S8042	4.82	5/16	1 1/4	4.5	379.14
S1331	1/20	115/1	1550	2.2	CWOSE	S8042	4.82	5/16	2	4.6	467.52
S1341	1/20	115/1	1550	2.2	CCWOSE	S8042	4.82	5/16	2	4.6	467.52
S1542	1/40	208-230/1	1550	0.6	CCWOSE	S8041	4.57	5/16	1 1/4	3.9	310.08
S1432	1/30	208-230/1	1550	0.9	CWOSE	S8042	4.82	5/16	1 1/4	4.5	387.14
S1442	1/30	208-230/1	1550	0.9	CCWOSE	S8042	4.82	5/16	1 1/4	4.4	357.68
S1332	1/20	208-230/1	1550	1.1	CWOSE	S8042	4.82	5/16	2	4.5	438.74
S1342	1/20	208-230/1	1550	1.1	CCWOSE	S8042	4.82	5/16	2	4.6	490.86

BOOSTER FAN



AXIAL

High performance thermal management solutions for electronic, industrial and commercial cooling applications

- Cabinet style axial fan
- Metal frame and impeller
- Class F insulation: 40 to 90°C operating range
- High temperature bearing lubricant
- Shaded pole, impedance protected motor



Part No.	Voltage	CFM	Length (In.)	Width (In.)	Thickness (In.)	Price
AF115SQ3	115	30	3 1/8	3 1/8	1 1/2	55.52
AF115SQ5	115	103	4 11/16	4 11/16	1 1/2	56.40
AF230SQ5	230	103	4 11/16	4 11/16	1 1/2	56.40

● Ball Bearing

"A" = Case Length

"R" = Ring Mounting Dimension

BLOWER ASSEMBLY



SHADED POLE

Features

- Shaded pole
- Complete assemblies
- Matches OEM models
- Self cooling

Applications

- Furnace draft inducers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Wt./Ea. (Lbs.)	Price
UE577	1/50	115/1	3000	1.0	CWLE	1	6.30	186.59
UE13	1/40	115/1	3000	1.0	CCWSE	1	4.00	144.77
UE770 ●	1/70	208-230/1	3000	0.5	CCWSE	1	4.00	207.49
UE771 ●	1/70	208-230/1	3000	0.5	CCWSE	1	4.00	182.35
UE774	1/50	208-230/1	3000	0.4	CWSE	1	3.75	182.09
UE775 ●	1/50	230/1	3000	0.54	CCWSE	1	3.75	245.29
UE776	1/50	230/1	3200	0.4	CWLE	1	3.00	220.35



SHADED POLE

Features

- Shaded pole—single speed
- Complete assemblies
- Matches OEM models
- Self cooling

Applications

- Furnace draft inducers
- A064 used on Heil
- A079 used on Rheem
- A081 used on Magic Chef



Part No.	Voltage	RPM	Amps	Rotation	CFM	Wt./Ea. (Lbs.)	Price
A064	115/1	3150	0.7	CWSE	64	5	249.17
A079	115/1	3000	1.1	CCWSE	79	4	270.76
A081 ●	208-230/1	3000	0.5	CCWSE	80	5	278.31
B23618 ●	115/208-230/1	3100	0.9/0.4	CCWSE	70	5	331.27

For tubing see page 1123

SWITCH MOTOR



SHADED POLE

Features

- Single speed
- Fan proving end switch
- Matches OEM models
- Self cooling
- Open ventilation

Applications

- Furnace draft inducers
- OEM replacements for Coleman, Miller, Carrier, Rheem and others



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE349	1/125	115/1	3000	0.46	CWSE	4 3/4	1/4	2 1/2	2.9	239.71
UE357	1/30	115/1	3000	1.1	CWSE	4 3/4	1/4	1 1/2	3.3	242.69
UE553	1/50	115/230/1	3000	0.81/0.46	CWSE	5 3/8	1/4	1 1/2	3.8	320.81
UE570 ●	1/20	115/230/1	3000	1.8/0.9	CWSE	6	1/4	2 1/2	4.8	369.81
UE571 ●	1/20	115/230/1	3000	1.8/0.9	CCWSE	6	1/4	2 1/2	4.8	367.25
UE653 ●	1/20	230/460/1	3000	1.0/0.51	CCWSE	6	1/4	2 1/4	4.8	400.29
UE660 ●	1/15	230/460/1	3450	1.0/0.5	CWSE	6	1/4	2 1/4	4.8	398.97

"A" = Case Length

● Ball Bearing

SWITCH MOTOR



SHADED POLE

Features

- Single speed
- Fan proving end switch
- Self cooling
- Open ventilation

Applications

- Furnace draft inducers



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
D415	1/40	115/1	1500	1.1	CCWSE	5 1/2	1/4	3	4.5	380.04
D454	1/30	115/1	3000	1.5	CWSE	6 3/8	1/4	1 1/2	5.0	206.87
D456	1/15	115/230/1	3000	2.0/1.0	CWSE	6 1/2	1/4	2 3/4	5.0	281.55
D457	1/15	115/230/1	3000	2.0/1.0	CCWSE	6 1/2	1/4	2 3/4	5.0	311.15
D1174	1/15	460/1	3450	0.6	CWSE	6 3/4	1/4	2 1/2	5.0	335.79
D1171	1/15	460/1	3000	0.6	CCWSE	6 3/4	1/4	2 1/2	6.0	350.92



PSC

Features

- PSC—single speed
- Fan proving end switch
- Ball bearing
- Self cooling
- Capacitor included
- Open ventilation

Applications

- Furnace draft inducers



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE433	1/20	115/230/1	1550	0.71/0.38	REV	6 3/8	1/4	4 1/4	5.1	611.56
UE778	1/16	208-230/1	3450	0.4	CWSE	6	1/4	3 3/4	4.5	347.72
UE371	1/8	208-230/1	3000	0.9	REV	6 1/2	1/4	3 3/4	5.1	484.79



PSC

Features

- PSC—single speed
- Fan proving end switch
- Ball bearing
- Self cooling
- Capacitor included
- Open ventilation

Applications

- Furnace draft inducers



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
D410	1/10	115/1	3000	1.5	REV	7 1/8	1/4	3 3/4	5.5	483.02
D412	1/9	230/1	3000	0.7	REV	6 5/8	1/4	3 3/4	5.5	501.39
D1184	1/16	460/1	3450	0.3	CCWSE	4 3/4	5/16	3 1/3	5.0	353.85

LUG MOUNTED MOTOR



SHADED POLE

Features

- Single speed
- OEM mounting lugs
- Open ventilation

Note: Motor does not include end-switch

Applications

- Furnace draft inducers
- Carrier replacement



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE579	1/50	115/1	3300	1.4	CWSE	3 1/4	5/16	2 1/4	4.5	196.08
UE580	1/20	115/1	3300	1.8	CWSE	3 3/4	5/16	2 1/8	4.5	204.03

"A" = Case Length

● Ball Bearing



D1190

SHADED POLE

Features

- Single speed
- OEM mounting lugs
- Open ventilation

Note: Motor does not include end-switch

Applications

- Furnace draft inducers
- D1179 - Carrier replacement
- D1180 - Carrier replacement
- D1190 - Weil McLain replacement



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
D1179	1/30	115/1	3000	1.5	CWSE	3 1/2	5/16	2 1/8	2.5	253.93
D1190	1/30	115/1	3300	1.6	CWSE	4 7/8	5/16	1 3/4	4.3	278.10
D1180	1/20	115/1	3300	1.9	CWSE	3 5/8	5/16	2 1/8	4.1	266.13

GENERAL PURPOSE FAN DUTY MOTOR



UE26

OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Air over—fan duty
- Thermal protection
- Continuous duty

Applications

- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Heater fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
UE32	1/70	115/1	3000	0.6	CWSE	1	2 1/2	1/4	2 1/2	2.8	107.00
UE14	1/70	115/1	1550	0.7	CWSE	1	2	1/4	2 1/2	2.3	105.10
UE15	1/70	115/1	1550	0.6	CCWSE	1	2	1/4	2 1/2	2.3	105.10
UE18	1/50	115/1	1550	0.75	CWSE	1	2 1/4	1/4	2 1/2	2.8	97.05
UE19	1/50	115/1	1550	0.75	CCWSE	1	2 1/4	1/4	2 1/2	2.8	97.05
UE26	1/40	115/1	1550	1.1	CWSE	1	2 1/4	5/16	2 1/2	3.0	103.43
UE36	1/40	115/1	3000	0.9	CWSE	1	3	1/4	2 1/2	3.3	124.11
UE28	1/30	115/1	1550	1.1	CWSE	1	2 1/2	5/16	2 1/2	3.6	89.99
UE31	1/25	115/1	1550	1.9	CCWSE	1	2 1/2	5/16	2 1/2	3.6	89.99
UE43	1/15	115/1	1550	2.3	CCWSE	1	3	5/16	2 1/2	4.4	132.63
UE342	1/15	115/230/1	1550	1.9/0.9	CWSE	1	3 3/4	5/16	2	5.1	193.25
UE949	1/40	230	1500	0.7	CWSE	1	2 1/4	1/4	2 1/4	2.2	172.30
UE398	1/20	208-230/1	1450	1.1	CCWSE	1	3	5/16	2 1/2	4.0	114.57



D121

OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Air over—fan duty
- Thermal protection
- Continuous duty

Applications

- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Blowers with air over



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price	
								L	Dia.			
D129	1/125	115/1	1500	0.4	DS	2	2 1/8	3 1/4	1/4	3 1/4	2.5	214.80
D229	1/100	115/1	3000	0.55	CCWSE	1	2 1/2	3 1/2	1/4	—	2	126.96
D202	1/85	115/1	3000	0.6	CWSE	1	2 3/8	—	1/4	2 1/4	2.5	117.67
D120	1/70	115/1	1500	0.7	CWSE	1	2	—	1/4	2 1/4	2.0	93.79
D121	1/70	115/1	1500	0.7	CCWSE	1	2	—	1/4	2 1/4	2.0	93.79
D126	1/40	115/1	1500	1.1	CWSE	1	2 1/4	—	5/16	2 1/4	2.5	107.00
D128	1/40	115/1	1500	1.3	DS	3	2 1/4	4	5/16	4	3.0	173.52
D515	1/30	115/1	1500	1.3	CCWSE	1	2 5/8	—	5/16	2 1/4	3.4	140.46
D206	1/30	115/1	3000	1.2	CWSE	1	3 3/8	—	1/4	2 1/4	3.0	140.46
D332	1/25	115/1	1500	1.5	CWSE	2	3 1/4	—	5/16	2	4.0	289.17
D0030	1/25	115/1	1550	1.6	CWSE	1	2. 5/8	—	5/16	2 1/2	4.0	93.02
D130 ³	1/40	115/1	1500	1.0	CWSE	1	3 1/3	—	5/16	4 1/8	3.0	140.46
D132	1/20	115/1	1500	1.8	CWSE	1	2 5/8	—	5/16	2 1/4	3.5	91.68

Continued on next page

"A" = Case Length

GENERAL PURPOSE FAN DUTY MOTOR

OPEN VENTILATION (Cont'd.)



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								L	Dia.	L		
D133	1/20	115/1	1500	1.8	CCWSE	1	2 5/8	—	5/16	2 1/4	3.5	91.68
D636	1/25	208-230/1	1500	0.7	DS	1	3 1/4	2 1/4	5/16	2 1/4	4.0	223.08
D0396	1/20	208-230/1	1450	1.1	CWSE	1	3 1/4	2 1/2	5/16	—	4.0	115.09
D188	1/20	208-230/1	1500	0.9	CWSE	1	2 5/8	—	5/16	2 1/4	3.5	109.27
D189	1/20	208-230/1	1500	0.9	CCWSE	1	2 5/8	—	5/16	2 1/4	4.0	109.27
D475 ¹	1/15	460/1	1550	0.6	CCWSE	1	4 1/2	—	5/16	2 1/2	5.3	276.12
D498 ¹	1/15	460/1	1550	0.5	CWSE	1	4 1/2	—	5/16	2 1/2	5.5	275.59
D503 ¹	1/10	208-230/1	1500	0.95	REV	1	4 5/8	—	5/16	3 3/4	5.9	404.94
D504 ²	1/8	115/208-230/1	1500	1.6/0.8	REV	1	5 1/2	—	5/16	3 1/2	6.46	397.67

¹Furnished capacitor ² Requires 10µf, 370V capacitor ³Internally Cooled ⁴External cooling fan and shroud

MOTORS & ACCESSORIES



OPEN VENTILATOR AND TOTALLY ENCLOSED

Features

- Shaded Pole
- Air over, fan duty (RR1105 is totally enclosed)
- Continuous duty
- Mechanically reversible

Applications

- Evaporator fans
- Bathroom exhaust fans
- Range hood exhaust fans
- Heater fans



Part No	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								Dia.	L	L		
RR1105	1/50	115/1	1550	1.0	CWSE	1	2 3/8	1/4	2 1/2	2.9	92.90	
RR1107	1/20	115/1	1550	1.5	CWSE	1	3 1/8	5/16	2 1/2	3.4	103.54	
RR4107	1/20	230/1	1550	1.1	CWSE	1	3 1/8	5/16	2 1/2	3.4	110.16	



TOTALLY ENCLOSED AIR OVER

Features

- Shaded pole—single & multi speed
- Thermally protected
- Continuous duty

Applications

- Bathroom exhaust fans
- Humidifiers
- OEM replacements for NuTone are footnoted



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								Dia.	L	L		
UE400	1/30	115/1	1550	0.97	CCWSE	1	2 3/4	5/16	3 1/4	3.8	176.60	
UE432	1/25	208-230/1	1550	0.6	CWSE	1	3	5/16	2 1/2	3.5	213.00	

ROOM A/C AND DOUBLE BLOWER MOTOR



OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Open ventilation
- Double shaft
- Thermal protection
- Continuous duty

Applications

- Room air conditioners
- Double blowers for heaters



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								L	Dia.	L		
UE314	1/40	115/1	1550	0.9	DS	1	2 1/2	2 3/8	5/16	2 3/8	3.4	167.76
UE11	1/30	115/1	3000	1.1	DS	1	2 7/8	1 1/2	1/4	1 1/2	2.8	125.14

"A" = Case Length

MECHANICAL DUTY MOTOR



OPEN VENTILATION

Features

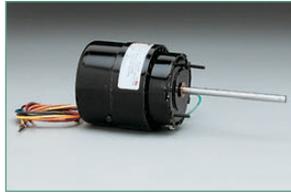
- Shaded pole—single speed
- Internally fan cooled
- Thermal protection

Applications

- Mechanical duty
- Exhaust fans and blowers that do not provide air over the motor



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE25	1/60	115/1	1550	0.73	CCWSE	2 7/8	1/4	3	2.8	157.07
UE24	1/60	115/1	1550	0.73	CWSE	2 7/8	1/4	3	2.8	157.07



TOTALLY ENCLOSED FAN COOLED

Features

- Shaded pole—single speed
- External cooling fan
- Thermal protection
- 3 7/8" fan shroud case OD

Applications

- Mechanical duty
- Power venters
- Pumps



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
UE41	1/20	115/1	1550	1.5	CCWSE	4 1/8	5/16	2 1/2	4.9	183.88
UE419	1/20	115/230/1	1550	1.5/0.74	CCWSE	4 1/4	5/16	2 1/4	4.5	235.75



TOTALLY ENCLOSED FAN COOLED

Features

- Shaded pole—single speed
- Totally enclosed (TE/FC)
- External cooling fan
- Thermal protection
- 3 7/8" fan shroud case OD

Applications

- Mechanical duty
- General purpose applications



Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
D135	1/25	115/1	1500	1.6	CCWSE	4 1/4	5/16	2 1/4	4.5	206.54

HVAC, 4 5/16" DIAMETER



OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications

- Blowers
- Ventilators
- Exhaust fans
- Unit heaters



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
UE305	1/40	115/1	1050	1.1	CWSE	2	3 1/2	5/16	2 1/2	6.7	330.01
UE332 ¹	1/20	115/1	1000	2.2	CWSE	2	4	3/8	2 7/8	9.6	367.87
UE48	1/20	115/1	1050	2.1	CWSE	1	3 1/2	3/8	2 1/2	6.8	292.14
UE44	1/15	115/1	1550	2.3	CWSE	1	3	3/8	2 1/2	6.5	220.35
UE50	1/15	115/1	1050	2.5	CWSE	1	4	3/8	2 1/2	8.3	318.08
UE78	1/15	115/1	1550	2.1	CWSE	1	4 1/2	3/8	2 1/2	8.3	451.29
UE793 ²	1/15	115/1	1050	1.2	REV	3	4 1/8	1/2	2 1/4	6.7	460.68
UE46	1/12	115/1	1550	2.6	CWSE	1	3 1/2	3/8	2 1/2	8.2	291.37
UE97	1/12	115/1	1050	4.0	CWSE	2	4	3/8	2 3/4	8.3	467.04
UE84	1/10	115/1	850	4.0	CWSE	1	4	3/8	2 1/2	8.2	1086.90
UE85	1/10	115/1	850	4.0	CCWSE	1	4	3/8	2 1/2	8.2	332.88
UE472	1/12	208-230/1	1550	1.3	CWSE	1	4	3/8	2 1/2	8.2	326.01

¹Totally enclosed, with base ²Requires 6µf, 370V capacitor

● Ball Bearing

"A" = Case Length

EXHAUST FAN



OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications

- General purpose fans
- Ventilators
- Unit heaters



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
D312 ¹	1/15	115/1	1500	2.7	CWSE	1	4 1/4	1/2	5	7	390.43
D119	1/11	115/1	1500	2.9	CCWSE	3	3 3/8	1/2	2 5/8	6	251.25
D374	1/8	115/1	1500	4.0	CWSE	2	3 5/8	3/8	2 1/2	7	458.39

¹Internally fan cooled



TOTALLY ENCLOSED AIR OVER

Features

- Shaded pole, single speed
- Totally enclosed air over
- Continuous duty
- Thermal protection

Applications

- General purpose fans
- Ventilators
- Unit heaters



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
D113-FASCO	1/12	115/230/1	1550	2.5/1.3	CCWSE	1	4 1/8	3/8	3	10	492.28
D114	1/12	115/230/1	1550	2.5/1.3	CWSE	1	4 1/8	3/8	3	9.6	492.24

FAN COIL, 4 5/16" DIAMETER



OPEN VENTILATION

Features

- Shaded pole—single & multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection

Applications

- Fan coil units
- Double blowers
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								L	Dia.	L		
UE322	1/25	115/1	1550	1.4	DS	1	3	7 1/4	3/8	7 1/4	6.4	297.40
UE54	1/20	115/1	1050	1.8	DS	1	3 1/2	6	3/8	6	7.6	309.89
UE363	1/20	115/1	1550	1.8	DS	4	3 1/4	7 1/2	3/8	7 1/2	7.4	381.98
UE52	1/15	115/1	1550	2.2	DS	1	3 1/2	6	3/8	6	7.9	282.09
UE55	1/15	115/1	1050	2.5	DS	1	4	6	3/8	6	9.1	328.61
UE53	1/12	115/1	1550	2.6	DS	1	3 7/8	6 1/4	3/8	6 1/4	9.6	269.35
UE420	1/10	115/1	1550	3.3	DS	3	3 1/4	7 1/2	1/2	7 1/2	7.3	330.01
UE407	1/6	115/1	1550	4.8	DS	4	4	7 1/2	1/2	7 1/2	10.0	380.50
UE341 ¹	1/10	115/230/1	1650	2.2/1.1	DS	1	4	2	3/8	2	9.1	468.82

¹Totally enclosed

"A" = Case Length

Ball Bearing



D336

OPEN VENTILATION

Features

- Shaded pole—multi speed
- Open ventilation
- Double shaft
- Cushion rings for base mount

- Thermal protection

Applications

- Fan coil units
- Double blowers
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								L	Dia.	L		
D336	1/10	115/1	1550	3.5	DS	3	3 1/2	7 1/2	3/8	7 1/2	8	326.79
D337	1/8	115/1	1550	4.1	DS	4	3 5/8	7 1/2	1/2	7 1/2	9	219.73
D338	1/6	115/1	1550	5.4	DS	4	4 1/8	7 1/2	1/2	7 1/4	10	220.04

CONDENSER FAN MOTOR, 5" DIAMETER



UE610

SHADED POLE

Features

- Shaded pole—single speed
- Open ventilation
- Replaces GE 21 & 29 frame
- Continuous duty
- Thermal protection

- Mechanically reversible
- Mounting rings included
- Base included for RF* series

Applications

- Commercial refrigeration
- Condenser fans
- Unit heaters



Part No.	HP	Voltage	RPM	Amps	Rotation	Base	"A" (In.)	Shaft Dia. x L (In.)	Wt./Ea. (Lbs.)	Price
UE610	1/20	115/230/1	1550	2.4/1.2	CWSE	UE1207	4 1/4	3/8 x 3 1/4	6.5	236.31
UE611	1/20	115/230/1	1550	2.4/1.2	CCWSE	UE1207	4 1/4	3/8 x 3 1/4	6.5	236.31
UE606	1/15	115/230/1	1050	3.8/1.9	CWSE	UE2088	4 1/2	3/8 x 3 1/4	7.5	251.64
UE613A	1/15	115/230/1	1550	2.8/1.4	CCWSE	UE2088	4 1/2	3/8 x 3 1/4	7.5	248.73
UE612	1/15	115/230/1	1550	2.8/1.4	CWSE	UE2088	4 1/2	3/8 x 3 1/4	7.5	248.73
RF6402	1/10	115/230/1	1050	4.0/2.0	CWSE	Resilient	4 3/4	3/8 x 3 1/4	8.0	266.30
RF6403	1/10	115/230/1	1050	4.0/2.0	CCWSE	Resilient	4 3/4	3/8 x 3 1/4	8.0	266.30
RF4400	1/10	115/230/1	1550	4.0/2.0	CWSE	Resilient	4 3/4	3/8 x 3 1/4	8.5	251.19
RF4401	1/10	115/230/1	1550	4.0/2.0	CCWSE	Resilient	4 3/4	3/8 x 3 1/4	8.5	251.19



UE9722

PSC, MULTI-FIT, MULTI-HP

Why stock dozens of 42-frame motors, when two MultiFit™ Motors are all you need. The combination of Century's exclusive Multi Mounting System™ and 3-in-1™ multi-horsepower design will save the busy HVAC contractor valuable time and money, while adding versatility to your replacement motor inventory.

The Multi Mounting System™ will replace all the common 42-frame bolt circle patterns in the HVAC market (4.42 AOS/Westinghouse/Emerson; 4.62 GE/Fasco/Universal Electric; 4.33 Emerson Clam Shell/GE Cap-Can).

Features

- PSC—single speed
- TEAO
- Replaces many 42 frame motors
- Continuous duty
- Thermal protection
- Electrically reversible
- 42 to 48Y frame BC adapter bracket UE2118 available

Applications

- Condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft Dia. x L (In.)	Wt./Ea. (Lbs.)	Price
UE9722 ●	1/8-1/12	208-230/1	1075	0.9 at 1/8HP	REV	5µf, 370V	4	1/2 x 3	8.5	184.79
UE9723 ●	1/4-1/6	208-230/1	1075	2.0 at 1/4HP	REV	7.5µf, 370V	4 1/2	1/2 x 3	12.0	197.61
UE9724 ●	1/4-1/6	208-230/1	1625	1.6 at 1/4HP	REV	5µf, 370V	4 1/2	1/2 x 3	12.0	194.39



PSC

Features

- PSC
- Ball bearing
- "Clam-Shell" design

Applications

- Condenser fans, vertical shaft down



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)	Wt./Ea. (Lbs.)	Price	
									L			
2250E ●	1/4	230/1	1075	1.7	REV	1	7.5µf, 370V	4 1/8	1/2	2.7	11.0	194.84

CONDENSER FAN MOTOR, 5" DIAMETER



PSC

Features

- PSC
- "Clam-Shell" design

Applications

- Condenser fans, vertical shaft down

Formerly GE

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
2S004	1/6	208-230/1	1625	0.98	CCWOSE	1	4µf, 370V	3 3/8	1/2	2	7	288.16
S2247	1/6	208-230/1	1100	1.3	CCWOSE	1	5µf, 370V	3 7/8	1/2	2 3/4	8.5	310.96
S2245	1/4	208-230/1	1075	1.7	CCWOSE	1	5µf, 370V	3 7/8	1/2	2.75	10.2	288.02

HVAC/REFRIGERATION



SHADED POLE

Features

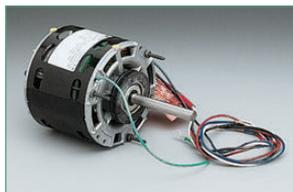
- Shaded pole–single speed
- Open ventilation
- Internal cooling fan
- GE 21 & 29 frame mounting
- Thermal protection
- Mechanically reversible

Applications

- Commercial refrigeration
- Exhaust fans
- Unit heaters

Part No.	HP	Voltage	RPM	Amps	Rotation	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
D494	1/20	115/230	1050	3.00/1.60	CWSE	4	3/8	3 1/8	6.0	251.15
D493	1/15	115/230	1050	3.40/1.70	CCWSE	4 5/8	3/8	3 1/8	8.5	255.69

BLOWER DUTY



SHADED POLE

Features

- Single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications

- Furnace blowers
- OEM replacements for many different mobile home furnace manufacturers

Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
UE96	1/15	115/1	1050	3.0	CWSE	2	2 3/4	3/8	2 3/8	5.4	251.40
UE599	1/10	115/1	1550	3.0	CCWSE	3	3 3/4	1/2	2 13/20	7.5	444.05
UE584 ¹	1/8	115/1	1050	4.2	CWSE	1	3 3/4	1/2	4	7.5	363.57
BL6423	1/8	115/1	1050	5.0	CCWLE	2	4	1/2	3 3/4	9.1	269.70
UE98	1/8	115/1	1050	5.1	CWSE	3	4 1/4	1/2	3 11/16	8.1	298.25
BL6412	1/6	115/1	1050	5.5	CCWLE	1	3 7/8	1/2	3 5/8	10.5	213.71
UE585 ¹	1/6	115/1	1050	7.9	CWSE	1	4 1/4	1/2	4	9.8	384.19
BL6414	1/5	115/1	1050	6.5	CCWLE	3	3 7/8	1/2	5 1/2	11.0	212.01
BL6420	1/5	115/1	1050	5.6	CCWLE	2	3 7/8	1/2	4 3/8	9.0	234.97
UE469	1/12	115/230/1	1050	2.7/1.3	CWSE	1	3 1/4	1/2	3 1/3	9.6	442.62
UE598	1/8	230/1	1550	1.9	CWSE	1	4 1/4	1/2	3	8.5	255.17
B6415	1/5	208-230/1	1050	3.2	CCWLE	3	3 7/8	1/2	5 1/2	11.1	302.64

¹Includes rear tripod mount for Duotherm

"A" = Case Length

● Ball Bearing



SHADED POLE

Features

- Single & multi speed
- Open ventilation
- Continuous duty
- Thermal protection

Applications

- Roof ventilators
- Unit heaters
- Air cleaners



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
D142	1/15	115/1	1050	2.6	CWSE	2	2 1/4	3/8	2 3/8	5.0	263.10
D140	1/15	115/1	1050	2.7	CWSE	1	2 5/8	3/8	2 3/8	5.5	246.17
D1054	1/12	115/1	1050	3.1	CWSE	3	2 5/8	1/2	2 1/2	8.0	314.08
D144	1/10	115/1	1050	3.6	CWSE	1	2 5/8	1/2	4 1/2	7.0	206.44
D180	1/8	115/1	1050	4.5	CWSE	2	3 1/4	1/2	4	6.5	262.52
D156	1/6	115/1	1050	6.6	CWSE	1	3 7/8	1/2	3 7/8	9.0	197.24



PSC

Features

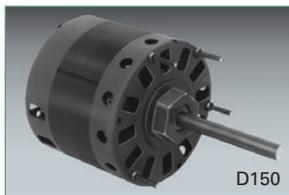
- Single & multi speed
- Continuous duty
- Thermal protection

Applications

- Furnace blowers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
UE595	1/8	277/1	1075	0.8	REV	3	5µf, 370V	3 3/4	1/2	6 1/2	18.8	408.75
BL6519	1/4	115/1	1075	4.7	REV	3	5µf, 370V	4 1/8	1/2	4 1/2	11.5	342.27
B6520	1/4	208-230/1	1075	2.0	REV	3	5µf, 370V	4 1/8	1/2	4 1/2	11.5	342.27
BL6530	1/3	115/1	1075	6.3	REV	3	15µf, 370V	4 1/8	1/2	4 5/8	11.0	355.87



PSC

Features

- Multi speed
- Open
- Continuous duty
- Thermal protection

Applications

- Furnace blowers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
D150	1/4	115/1	1050	4.7	REV	3	5µf, 370V	4 1/8	1/2	6	11.5	307.80
D151	1/4	230/1	1050	2.0	REV	3	5µf, 370V	4 1/8	1/2	6	11.5	315.15
D152	1/4	277/1	1050	1.5	REV	4	5µf, 370V	4 1/8	1/2	6	11.5	483.22

UNIT HEATER



UNIT HEATER

Features

- Totally enclosed air over
- Stud mount(U6430, U6520), base mount (U6521)
- Continuous duty
- Thermally protected
- Sleeve bearings

Applications

- Unit heater fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
U6430	1/15	115/1	1050	3.3	CCWLE	1	Furnished	6.79	1/2	2 5/8	8.0	293.91
U6520	1/8	115/1	1075	2.6	REV	1	Furnished	3 7/8	1/2	3	13.0	408.36
U6521	1/8	115/1	1075	2.6	REV	1	Furnished	3 7/8	1/2	3	13.7	433.89

"A" = Case Length

UNIT HEATER



UNIT HEATER

Features

- Totally enclosed air over
- Stud mount
- Continuous duty
- Thermally protected
- Sleeve bearings

Applications

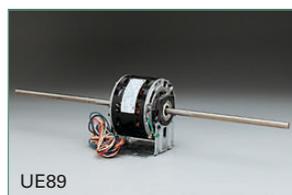
- Unit heater fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Di.	L		
D340	1/40	115/1	1050	1.1	CWSE	1	—	2 5/8	3/8	2 5/8	7.0	294.29
D242	1/20	115/1	1050	2.0	CWSE	1	—	3 1/8	3/8	3	9.0	441.30
D261 ¹	1/8	115/1	1075	2.3	REV	2	Incl., 4µf, 370V	3 5/8	1/2	3	9.5	379.94
D260 ¹	1/6	115/1	1075	2.9	CWSE	1	Incl., 4µf, 370V	3 7/8	1/2	3	9.5	424.48

¹ Includes cushion rings for cradle mount

FAN COIL



SHADED POLE

Features

- Shaded pole—multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection

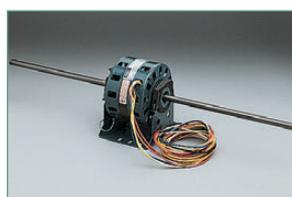
Applications

- Fan coil units
- Double blowers
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price	
								L	Di.			
UE389 ²	1/15	115/1	1050	2.4	DS	4	3 1/2	10 1/4	1/2	10 1/4	8.9	254.86
UE393 ²	1/15	115/1	1050	2.4	DS	4	3 1/2	8 3/16	3/8	8 3/16	8.1	311.07
UE89 ¹	1/10	115/1	1050	3.3	DS	5	3 1/2	10 1/2	1/2	10 1/2	10.0	248.79
93V1 ¹	1/10	115/1	1050	3.3	DS	5	3 1/2	7 3/4	3/8	7 3/4	9.1	285.55
UE347	1/8	115/1	1550	3.3	DS	4	4	9 7/8	1/2	9 7/8	10.4	352.96
UE320 ¹	1/15	208-230/1	1050	1.3	DS	3	3 1/4	8 3/4	1/2	8 3/4	9.5	276.78
UE379 ²	1/12	277/1	1050	1.1	DS	3	3 1/2	7 1/8	1/2	7 1/8	9.1	293.67

¹Base included, 3 1/2" shaft height ²Resilient rings included



SHADED POLE

Features

- Multi speed
- Open ventilation
- Double shaft
- Base included
- 3 1/2" shaft height

Applications

- Fan coil units
- Double blowers
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price	
								L	Di.			
D253	1/20	115/1	1050	2.2	DS	3	2 5/8	7 1/2	1/2	7 1/2	7.0	285.06
D289	1/10	115/1	1050	3.6	DS	5	3 1/4	10 3/4	1/2	10 3/4	7.5	238.83

"A" = Case Length



UE372

PSC

Features

- Multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection

Applications

- Fan coil units
- Double blowers
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A"		Shaft (In.)		Wt./Ea. (Lbs.)	Price
								(In.)	L	L	Dia.		
UE372 ²	1/25	115/1	1060	0.6	DS	2	Furnished	3 1/2	11	1/2	11	9.1	550.82
UE382 ²	1/25	115/1	1625	0.73	DS	3	Furnished	3 1/2	6 3/4	1/2	6 1/2	9.0	482.96
UE452 ¹	1/20	115/1	1075	0.8	DS	4	Furnished	3 1/2	10 3/4	3/8	10 3/4	10.9	471.79
DBL6501 ¹	1/10	115/1	1075	1.7	DS	4	5µf, 370V	3 3/8	10 1/4	1/2	10 1/4	10.1	367.04
UE670 ²	1/6	115/1	1075	2.7	DS	3	Furnished	4 1/4	8 1/4	1/2	8 1/4	10.0	573.83
UE9476A ¹	1/6	115/1	1625	2.2	DS	4	Furnished	4 1/2	8 3/4	1/2	8 3/4	10.0	415.19
DB6502V1	1/10	208-230/1	1075	0.8	DS	4	Furnished, 5µf, 370V	3 3/8	9 5/16	1/2	9 5/16	10.0	312.80
DB4505	1/5	208-230/1	1500	1.5	DS	3	5µf, 370V	3 3/8	9 5/16	1/2	9 5/16	12.0	362.67
OYK6518	1/5	208-230/1	1075	1.4	DS	1	5µf, 370V	3 7/8	6 3/8	1/2	6 5/16	11.1	345.95
OWW4517 ³	1/3	208-230/1	1625	2.3	DS	1	6µf, 370V	4 1/16	7 3/16	1/2	7 3/16	14.0	365.27
7DB6503 ³	1/8	277/1	1075	0.8	DS	3	Furnished, 5µf, 370V	3 3/8	9 5/16	1/2	9 5/16	12.0	386.46

¹Base included, 3 1/2" shaft height ²Resilient mounting rings included ³Base included, 3" shaft height



D354

PSC

Features

- Multi speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection
- Capacitor furnished

Applications

- Fan coil units
- Double blowers
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price	
								L	Dia.			
D291 ¹	1/10	115/1	1050	2.2	DS	4	3 1/4	10 3/4	1/2	10 3/4	13	366.46
D354	1/6	115/1	1050	2.8	DS	3	3 7/8	8 1/2	1/2	8 1/2	11	539.65
D277	1/10	277/1	1050	0.7	DS	3	3 7/8	8 1/2	1/2	8 1/2	11	383.02
D290	1/10	115/1	1050	2.2	REV	4	3 1/4	—	1/2	8 1/2	9	456.16

¹Base Included

PSC



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price	
								L	Dia.			
1257E	1/6	115/1	1450	2.5	DS	3	4 1/4	8 1/4	1/2	8 1/4	11	336.30

Motor Training Available

Visit www.uri.com and browse our events
Nidec Motors and Regal representatives
hold training sessions on ECM and Fractional motors
throughout the year at our branch locations

"A" = Case Length

ROOM A/C AND FAN COIL DUTY

MOTORS & ACCESSORIES



PSC WITH MOUNTING KIT

Features

- 3 speed
- Open ventilation
- Double shaft
- Continuous duty
- Thermal protection
- Includes length adapter kit

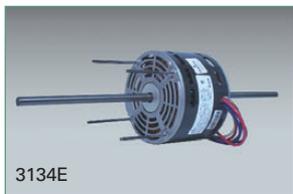
Applications

- Fan coil units
- Room air conditioners
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								L	Dia.	L		
UE680 ²	1/8	115/1	775	1.5	DS	Furnished	5	11	1/2	11	14.0	620.44
RAL1006	1/8	115/1	1075	2.0	DS	5µf, 370V	3 3/4	8 1/4	1/2	8	11.0	330.01
RAL1016	1/6	115/1	1075	2.2	DS	5µf, 370V	3 7/8	8 1/8	1/2	8	11.4	322.58
RAL1026	1/4	115/1	1075	3.4	DS	5µf, 370V	4 1/4	7 3/4	1/2	8	14.4	360.48
RAL1036	1/3	115/1	1075	5.0	DS	5µf, 370V	4 7/8	7 7/8	1/2	7 1/4	17.0	368.98
RAL1034	1/3	115/1	1625	4.0	DS	5µf, 370V	4 5/8	7 3/8	1/2	8	15.0	468.71
RAL1056	1/2	115/1	1075	5.2	DS	10µf, 370V	5 3/8	7 3/8	1/2	7 1/4	18.0	452.02
RAL1076	3/4	115/1	1075	8.2	DS	15µf, 370V	5 3/8	7 3/8	1/2	7 1/4	18.0	571.07
RA1006	1/8	208-230/1	1075	0.75	DS	5µf, 370V	3 3/4	8 1/4	1/2	8	11.0	338.35
RA1016	1/6	208-230/1	1075	0.95	DS	5µf, 370V	3 3/4	8 1/4	1/2	8	11.6	248.09
RA1026	1/4	208-230/1	1075	1.5	DS	5µf, 370V	4 1/8	7 7/8	1/2	8	13.3	311.42
RA1036	1/3	208-230/1	1075	1.9	DS	5µf, 370V	4 5/8	8 1/8	1/2	7 1/4	15.4	333.38
RA1034	1/3	208-230/1	1625	2.0	DS	5µf, 370V	4 5/8	7 3/8	1/2	8	15.0	446.30
RA1056	1/2	208-230/1	1075	2.7	DS	7.5µf, 370V	5 1/8	7 5/8	1/2	7 1/4	18.0	387.56
RA1076	3/4	208-230/1	1075	3.6	DS	7.5µf, 370V	5 3/8	7 3/8	1/2	7 1/4	19.6	496.68
7RA1036	1/3	277/1	1075	1.9	DS	7.5µf, 370V	4 5/8	7 5/8	1/2	7 3/4	16.0	492.43

²Base furnished



3134E

PSC

Features

- 48 Frame, 5.6" Diameter
- Mounts with thru-bolts, shell holes or belly band
- 20" leads
- Extended mounting studs
- 2.25" diameter hub rings included
- All-position mount

Applications

- Fan coil units
- Room air conditioners
- "Thru the wall" units



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft (In.)			Wt./Ea. (Lbs.)	Price
								L	Dia.	L		
3134E	1/4	230/1	1075	1.9	DS	5µf, 370V	4 5/8	8	1/2	8	13	213.04
3135E	1/3	230/1	1075	2.5	DS	5µf, 370V	4 5/8	8	1/2	8	14	220.68
1247E ¹	1/3	230/1	1075	2.5	DS	5µf, 370V	4 2/3	7	1/2	7	18	340.86
1824E ²	1/2	230/1	1075	4.5	DS	5µf, 370V	5 2/5	8	1/2	8	19	357.64

¹ Includes cradle base and capacitor

² Includes mounting kit and capacitor

"A" = Case Length

UNIT HEATER DUTY



PSC

Features

- Single & multiple speed
- Totally enclosed—air over
- Most models include base
- Extended thru bolts
- Thermal protection

Applications

- Unit heaters
- Fans for farm buildings
- Ventilators for greenhouses



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
UE153	1/8	115/1	1050	3.5	CWSE	1	—	4	1/2	3	13.5	341.96
UE136	1/6	115/1	1075	2.5	REV	2	7.5µf, 370V	3 3/4	1/2	5 1/2	10.4	427.87
UH1016	1/6	115/1	1075	2.2	REV	1	Furnished	4 1/4	1/2	3.28	15.0	338.04
UH1026V1	1/4	115/1	1075	4.9	REV	1	Furnished	4 3/8	1/2	5 1/2	13.0	323.24
UE730	1/6	115/208-230/1	1140	2.1/1.1	REV	1	Furnished	6	1/2	4 1/2	13.3	443.47
UE731 ¹	1/4	115/208-230/1	1140	3.1/1.6	REV	1	Furnished	6 1/4	1/2	4 1/2	14.5	474.12
UE732 ¹	1/3	115/208-230/1	1140	3.3/1.7	REV	1	Furnished	6 1/2	1/2	4 1/2	15.8	501.66
UH1036 ¹	1/3	115/1	1075	5.3	REV	1	Furnished	4 5/8	1/2	2 1/2	15.0	375.36
UE733 ¹	1/2	115/208-230/1	1140	5.6/2.8	REV	1	Furnished	7 1/4	1/2	4 1/2	18.8	556.81

¹Base included



PSC

Features

- Single speed
- Open ventilation
- Mechanically reversible
- Continuous duty
- Thermal protection

Applications

- Furnace blowers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
UE494B	1/6	115/208-230/1	1050	3.3/1.5-1.7	CWSE	1	5µf, 370V	4	1/2	4	10.0	324.73
446A	1/6	208-230/1	1050	1.0	CCWLE	2	5µf, 370V	3 3/4	1/2	4	9	439.47



PSC - TORSION FLEX

Features

- PSC-4 speed
- Open ventilation
- Torsion flex mount
- Continuous duty
- Thermal protection

Applications

- Furnace blowers
- OEM replacements



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
UE753	1/3	115/1	1075	5.6	REV	5µf, 370V	4 3/4	1/2	5 1/2	14.5	364.46
UE754	1/2	115/1	1075	8.9	REV	7.5µf, 370V	5 1/2	1/2	5 1/2	17.8	404.89

"A" = Case Length

● Ball Bearing

BLOWER DUTY



OPEN VENTILATION

Features

- Open ventilation
- Reversible
- Economy model
- Thermal protection

Applications

- Furnace blowers
- Air handlers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
1BM146B	1/4	115/1	1075	3.5	REV	3	7.5µf, 440V	4.7	1/2	5	12.12	134.00
2BM146B	1/4	208-230/1	1075	1.5	REV	3	7.5µf, 440V	4.7	1/2	5	11.4	134.00
1BM136B	1/3	115/1	1075	5.2	REV	3	7.5µf, 370V	4.3	1/2	5	13.0	152.04
2BM136B	1/3	208-230/1	1075	2.4	REV	3	5µf, 370V	4.3	1/2	5	13.0	156.56
1BM126B	1/2	115/1	1075	6	REV	3	10µf, 370V	5.4	1/2	5	13	183.28
2BM126B	1/2	208-230/1	1075	3	REV	3	7.5µf, 370V	5.3	1/2	5	13	189.80
1BM346B	3/4	115/1	1075	9	REV	3	15µf, 370V	5.4	1/2	5	13	209.50
2BM346B	3/4	208-230/1	1075	4.4	REV	3	10µf, 370V	5.4	1/2	5	13	211.00



OPEN VENTILATION

Features

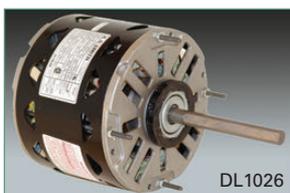
- Open ventilation
- Reversible
- Economy model
- Thermal protection

Applications

- Furnace blowers
- Air handlers
- Maximum speed 1075 rpm
- S3389, S3390 60hz



Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Capacitor	Base	"R" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
S3583	1/4	115/1	4.2	REV	3	5µf, 370V	S8055	4.87	1/2	4	11.1	228.78
S3585	1/3	115/1	6.2	REV	3	5µf, 370V	S8056	5.12	1/2	4	12.9	230.40
S3587	1/2	115/1	9.0	REV	3	5µf, 370V	S8060	6.12	1/2	4	17.0	282.50
S3589	3/4	115/1	10.3	REV	3	15µf, 370V	S8060	6.12	1/2	4	17.8	341.62
S3584	1/4	208-230/1	2.0	REV	3	5µf, 370V	S8055	4.87	1/2	4	10.9	235.10
S3586	1/3	208-230/1	2.9	REV	3	5µf, 370V	S8056	5.12	1/2	4	12.8	236.44
S3588	1/2	208-230/1	4.3	REV	3	5µf, 370V	—	5.87	1/2	4	16.0	288.76
S3590	3/4	208-230/1	4.6	REV	3	10µf, 370V	S8060	6.12	1/2	4	17.7	330.52



PSC, STANDARD EFFICIENCY

Features

- Auto Protector
- Class "B" Insulation
- Continuous Air Over
- Open Construction
- PSC
- Ring adapters

- Standard Efficiency
- 2-1/4" Rings with 2-1/2" Adapters
- 26" Leads
- 60 HZ only

Applications

- Furnace blowers
- Air Handlers



Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Capacitor	"R" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
DL1026	1/4	115/1	3.5	REV	3	5µf, 370V	4 5/8	1/2	4 1/2	12.0	174.08
D1026	1/4	208-230/1	1.8	REV	3	5µf, 370V	4 5/8	1/2	4 1/2	12.0	179.13
DL1036	1/3	115/1	4.9	REV	3	7.5µf, 370V	5	1/2	4 1/2	14.0	180.04
D1036	1/3	208-230/1	2.6	REV	3	5µf, 370V	4 7/8	1/2	4 1/2	13.0	184.09
DL1056	1/2	115/1	6.5	REV	3	10µf, 370V	5 1/2	1/2	4 1/2	16.0	216.82
D1056	1/2	208-230/1	3.2	REV	3	7.5µf, 370V	5 3/8	1/2	4 1/2	16.0	223.86
DL1076	3/4	115/1	8.9	REV	3	15µf, 370V	6 3/16	1/2	4 1/2	19.0	253.69
D1076	3/4	208-230/1	4.0	REV	3	10µf, 370V	6 3/16	1/2	4 1/2	19.0	256.10

"A" = Case Length

"R" = Ring Mounting Dimension

● Ball Bearing



UE454

OPEN VENTILATION, HIGH EFFICIENCY

Features

- 3 speed
- Open ventilation
- Resilient mount capability
- Continuous duty
- Thermal protection
- Cuhioned rings (except UE150)

Applications

- Furnace blowers
- Air handlers



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"R" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
BDL1106	1	115/1	1075	12.3	REV	20µf, 370V	6.38	1/2	6 7/16	21.0	493.71
UE454	1/3	208-230/1	1625	2.1	REV	5µf, 370V	5.00	1/2	5 1/2	13.4	451.40
UE148A ¹	1/3	115/1	1075	5.3	REV	5µf, 370V	4.72	1/2	5 1/2	14.0	430.32
UE149 ²	1/2	208-230/1	1075	3.0	REV	7.5µf, 370V	5.50	1/2	5	17.0	474.84
UE150	3/4	208-230/1	1075	4.7	REV	10µf, 370V	6.00	1/2	6	18.8	540.62
BD1106 ³	1	208-230/1	1075	5.1	REV	20µf, 370V	6.06	1/2	6 1/2	20.5	499.32
BDH1106 ³	1	460/1	1075	3.2	REV	15µf, 370V	6.50	1/2	4 1/2	21.0	664.40

¹Adapt-A-Lug® Motor ²Resilient rings and 4 split rings included ³Needs to be totally reconnected for each speed



X037

OPEN VENTILATION

Features

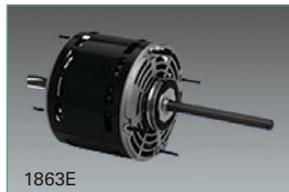
- 460V, single phase, PSC
- Multi-speed capability
- Weather resistant reversing plug
- Resilient rings available, not included (use part no. KIT110)

Applications

- Commercial furnaces, air conditioners, exhaust fans, handling equipment installed in clean and dry environments.



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs)	Price
								Dia.	L		
X037	1/3	460	1075	1.0	REV	2	4 3/4	1/2	6	15	456.14
X038	1/2	460	1075	1.6	REV	2	5 1/4	1/2	6	17	466.03
X039	3/4	460	1075	2.1	REV	2	5 1/2	1/2	6	20	474.25



1863E

OPEN VENTILATION

Features

- Residential and commercial applications
- Extended studs for mounting flexibility on most motors
- 2.5" diameter hub rings included
- 24" leads with 5" long shafts with flat

Applications

- Air handlers
- Furnace blowers



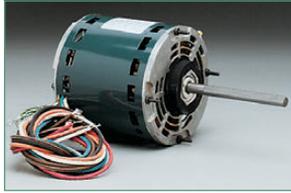
Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
1863E	1/4	115/1	1075	3.5	REV	3	5µf, 370V	4.3	1/2	5	12	148.46
1864E	1/3	115/1	1075	5.0	REV	3	7.5µf, 370V	4.6	1/2	5	14	153.56
1865E	1/2	115/1	1075	6.5	REV	3	10µf, 370V	5.4	1/2	5	19	185.54
8904E	3/4	115/1	1075	9.5	REV	3	15µf, 370V	5.4	1/2	4	19	210.80
1971E	1/4	208-230/1	1075	1.5	REV	3	5µf, 370V	4.3	1/2	5	11	151.00
1972E	1/3	208-230/1	1075	1.9	REV	3	5µf, 370V	4.3	1/2	5	13	160.96
1973E	1/2	208-230/1	1075	2.9	REV	3	7.5µf, 370V	5.3	1/2	5	19	188.14
8905E	3/4	208-230/1	1075	4.0	REV	3	10µf, 370V	5.4	1/2	4	19	215.98

● Ball Bearing

"R" = Ring Mounting Dimension

"A" = Case Length

BLOWER DUTY



OPEN VENTILATION

Features

- PSC—single & multi speed
- Open ventilation
- Resilient mount rings included
- Continuous duty
- Thermal protection

Applications

- Furnace blowers
- Air handlers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
D721	1/4	115/1	1075	4.8	REV	3	5µf, 370V	4	1/2	6	15.0	162.73
D727	1/3	115/1	1075	5.9	REV	3	5µf, 370V	4 1/4	1/2	6	14.0	171.68
D701	1/2	115/1	1075	7.7	REV	4	10µf, 370V	5 1/4	1/2	5 1/2	20.0	189.23
D728	3/4	115/1	1075	10.5	REV	3	10µf, 370V	5 1/2	1/2	6	20.5	241.59
D725	1/4	208-230/1	1075	2.2	REV	3	5µf, 370V	4	1/2	6	15.0	169.45
D923	1/3	208-230/1	1075	2.9	REV	3	5µf, 370V	4 1/4	1/2	6	13.0	175.52
D729	3/4	208-230/1	1075	5.4	REV	3	10µf, 370V	5 1/2	1/2	6	21.0	242.66



OPEN VENTILATION

Features

- Auto Protector
- Continuous Air Over
- Open Construction
- Sleeve bearing
- PSC
- High Efficiency
- Ring Included

- 1/2" Diameter, Flatted Shaft
- 50°C Ambient
- Multiple Mount
- Resilient Mounting

Applications

- Furnace blowers
- Air Handlers



Part No.	HP	Voltage	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
7FD1016	1/6	277/1	0.8	REV	3	5µf, 370V	3 3/4	1/2	5.94	13.1	290.20
7FD1026	1/4	277/1	1.3	REV	3	5µf, 370V	3 7/8	1/2	6.44	14.6	259.55
7FD1036	1/3	277/1	1.9	REV	3	7.5µf, 370V	4 1/2	1/2	6.44	14.35	325.88
7FD1056	1/2	277/1	2.2	REV	3	10µf, 370V	5 3/8	1/2	6.44	18.0	349.91
9605A	3/4	277/1	3.9	REV	3	20µf, 370V	5 1/2	1/2	5.50	18.1	401.74



"RESCUE", MULTI HP

The RESCUE™ motors replace a variety of different horsepower applications. RESCUE™ will eliminate the need for temporary substitutions, long driving times in rural areas to get the right motor, or emergency openings in the evening. You may not know what kind of motor you will need, but with the RESCUE™ motors on hand, you know you'll have one that will work. Replaces 1/2, 1/3, 1/4, 1/5, 1/6 HP motors

Features

- 48 Frame, 5.6" Diameter
- Reversible rotation
- Mounts with thru-bolts, Rheem shell holes or belly band
- 36" leads
- Extended mounting studs
- 2.5" diameter hub rings included
- All-position mount

Applications

- Furnace blowers
- Air handlers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
5460E	1/2	115	1075	7.3 @ 1/2 HP	REV	4	7.5 to 12.5µf, 370V	4 13/16	1/2	5	17	206.38
5461E	1/2	208-230/1	1075	3.6 @ 1/2 HP	REV	4	5 to 10µf, 370V	4 13/16	1/2	5	16	210.54
5470E	3/4	115	1075	8.1 @ 3/4 HP	REV	2	10,20µf, 370V	6 1/8	1/2	5	22	246.82
5471E	3/4	208-230/1	1075	4.1 @ 3/4 HP	REV	2	10,20µf, 370V	6 1/8	1/2	5	21	252.42

● Ball Bearing

"A" = Case Length



LIFESAVER SERIES, MULTI HP

Features

- 60°C ambient
- Extended mounting studs
- Designed for 370 VAC capacitors
- Class "B" insulation
- 36" leads

- High efficiency design
- Side shell mounting for Rheem units
- Thermal reset overload - automatic
- 2.5" diameter hub rings included
- Open air over



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
1BMH126X	1/2 Multi	115	1075	6.2	REV	4	7.5 to 10 µf , 370V	0.5	5	15	158.08
2BMH126X	1/2 Multi	208-230	1075	3.6	REV	4	7.5 to 10 µf , 370V	0.5	5	15	161.42
1BMH346X	3/4 Multi	115	1075	8.1	REV	4	10 to 20 µf , 370V	0.5	5	22	189.50
2BMH346X	3/4 Multi	208-230	1075	3.5	REV	4	10 to 20 µf , 370V	0.5	5	22	194.96



MASTERFIT® PRO, MULTI HP

Motor is approximately 10% stronger and has higher starting torque for 1/6, 1/5, 1/4, and 1/3 HP rating with the 7.5 mfd 370 Vac capacitor.

Features

- Energy Efficient
- 40°C Ambient
- 4 Speed
- Class B Insulation

- Open Drip proof
- Permanent Split Capacitor
- Mounts by Belly Band, Thru Bolts or Shell Holes
- Extended Thru Bolts
- Rheem Mounting Holes in Shell
- All Purpose Capacitor Included
- Reversible
- Resilient Rings



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea.	Price
								Dia.	L		
FDL6001A	1/2,1/3,1/4,1/5,1/6	115	1075	7.0 @ 1/2 HP	REV	4	4.86	1/2	5	17	169.45
FD6000A	1/2,1/3,1/4,1/5,1/6	208-230	1075	3.9 @ 1/2 HP	REV	4	4.86	1/2	5	16	172.96
FDL6002A	3/4,1/2,1/3,1/4,1/5,1/6	115	1075	9.1 @ 3/4 HP	REV	4	4.86	1/2	5	16	203.20
FD6001A	3/4,1/2,1/3,1/4,1/5,1/6	208-230	1075	4.0 @ 3/4 HP	REV	4	4.86	1/2	5	16	209.52



ECM

Features

- High efficient ECM technology
- Constant torque profile
- Default 600RPM for constant air flow during the 'OFF' cycle

- Constant (24/7) air flow means constant air filtration
- Direct drive furnace blowers
- ECM retrofit for PSC models

Applications



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
06005	1/2,1/3,1/4	115/230	1100/600	6.7/4.0	REV	5	6.34	1/2	4.92	13.80	470.32
06010	1, 3/4	115/230	1100/600	11.0/6.7	REV	5	7.84	1/2	4.92	20.35	578.91



RESCUE ECOTECH™, ECM

Features

- Electronically Commutated Motor
- PSC Retrofit
- Choice of 4 Speeds
- 600RPM speed tap for Continuous Air Movement in the 'OFF' cycle
- Continuous Duty, Air Over

- Reversible
- Electronically Protected
- Ultra-High Efficiency

Applications

- Furnace blowers
- Air handlers



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
5521ET	1/4, 1/3	208-230/1	1075	2.7	REV	5	5 3/4	1/2	4	14	616.96
5522ET	1/6, 1/4, 1/3	115/208-230/1	1075	4.2/2.7	REV	5	5 3/4	1/2	4 1/2	14.5	514.50
5530ET	1/2	115/1	1075	6.2	REV	5	5 3/4	1/2	4	14	654.54
5531ET	1/2	208-230/1	1075	3.9	REV	5	5 3/4	1/2	4	14	654.54
5540ET	3/4	115/1	1075	8.5	REV	5	6 3/4	1/2	4	19	726.54
5541ET	3/4	208-230/1	1075	5.2	REV	5	6 3/4	1/2	4	19	726.54
5550ET	1	115/1	1075	11.0/8.0-7.0	REV	5	7 1/4	1/2	4	17.90	773.52
5551ET	1	208-230/1	1075	11.0/8.0-7.0	REV	5	7 1/4	1/2	4	17.90	773.52
5552ET	1/2, 3/4, 1	115/208-230/1	1075	11.5/6.9	REV	5	7 1/4	1/2	4 1/2	19.10	685.50

● Ball Bearing

"A" = Case Length

BLOWER DUTY



RESCUE® SELECT™, ECM

The ECM aftermarket motor that replaces OEM constant torque blower motors!

- Replaces X13® and SelecTech® constant torque ECM motors
- Wired to the OEM equipment using the equipment's existing connections, for ease of installation.
- Can be mounted using OEM belly band mounting system. Kits available for mounting adaptation for flex and rigid mounting systems.

Features

- Comes pre-programmed with standard settings to use for replacement
- Programmed torque values may be reprogrammed to closely match OEM performance
- 6000V surge protection, more than double the protection of many OEM motors
- Fully potted electric module for superior moisture protection
- Motor and module technology creates smooth, quiet speed changes
- Open air over enclosure
- 2 year warranty from date of installation provides homeowner assurance



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Price
								Dia.	L	Wt./Ea. (Lbs.)	
6630TS	1/3, 1/2	115/1	1050	6.4	REV	2	6.25	1/2	5 1/2	18.0	483.10
6631TS	1/3, 1/2	208-230/1	1050	4.6 - 4.3	REV	2	6.25	1/2	5 1/2	18.0	483.10
6640TS	3/4	115/1	1050	9.3	REV	2	6.75	1/2	5 1/2	15.0	534.88
6641TS	3/4	208-230/1	1050	6.3-6.1	REV	2	6.75	1/2	5 1/2	16.3	534.88
6650TS	1	115/1	1050	10.6	REV	2	7.25	1/2	5 1/2	12.0	596.98
6651TS	1	208-230/1	1050	6.4-6.6	REV	2	7.25	1/2	5 1/2	18.8	596.98



"EVERGREEN ECM"

Features

- Multi-speed, constant torque, brushless DC motor
- Automatically determines motor direction using Genteq's Rotation Sensing Technology.
- 5 discrete speeds using 24VAC (3 using 18VDC) Low voltage signal harness provided with the motor.
- Operating speed range of 600-1200 rpm
- NEMA 48-frame, Belly Band Mount with 5-inch long 1/2 inch diameter shaft.
- UL and CSA recognized component.
- Standard ECM Replacement (Does not replace premium ECM constant airflow products such as Eon, 3.0, 2.3, and 2.5)
- Maintains ECM-level Efficiency up to 80%

- Soft Start and Off Ramp for quiet operation
- Encapsulated Electronics
- 4kV Surge Protection
- Electronic Overload Protection

Applications

- Designed to replace direct-drive blower motors in residential and light commercial indoor furnaces, air handlers, and package systems that were designed with a standard ECM motor, such as an X13 or equivalent competitor model.
- Alternate use for Commercial Building Series VAV Box and Packaged Heat Pump Retrofit/Upgrade Motor for a PSC system



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	"A" (In.)	Shaft (In.)			Price
								Dia.	L	Wt./Ea.	
UE6103E ●	1/3	115	600-1200	4.8	REV	1	5 1/4	1/2	4.92	8.4	421.65
UE6203E ●	1/3	208-230	600-1200	2.8	REV	1	5 1/4	1/2	4.92	8.4	421.65
UE6105E ●	1/2	115	600-1200	6.8	REV	1	5 3/4	1/2	4.92	11.3	470.32
UE6205E ●	1/2	208-230/1	600-1200	4.1	REV	1	5 3/4	1/2	4.92	11.3	470.32
UE6107E ●	3/4	115	600-1200	8.4	REV	1	6 1/2	1/2	4.92	15.6	518.99
UE6207E ●	3/4	208-230	600-1200	6.0	REV	1	6 1/2	1/2	4.92	15.6	518.99
UE6110E ●	1	115	600-1200	10.9	REV	1	7 1/4	1/2	4.92	19.3	578.91
UE6210E ●	1	208-230	600-1200	7.6	REV	1	7 1/4	1/2	4.92	19.3	578.91

"A" = Case Length

● Ball Bearing



QWIKSWAP X1

The X1 provides a single technician-selected motor speed when replacing a failed OEM Constant Torque ECM, X13® or SelecTech® motor. Installation is as easy as moving wires from the failed ECM motor to the QwikSwap™ X1 board, then connecting the replacement PSC motor's common and power lead to the QwikSwap™ X1 board (along with a capacitor).

- Direct replacement for any Constant Torque or Variable Air Flow ECM motor up to 1 HP
- Fast Replacement, without programming; simply transfer the connection from the ECM motor to the QwikSwap™ Board and wire the QwikSwap™ board to any PSC motor
- Equipped with 6,000 Amp, 100 Joules surge protection on all high voltage circuits



Part No.	Description	Price
QT6101	QwikSwap™ X1 Board	119.66



PSC

Features

- Open ventilation
- Reversible
- Continuous duty
- Thermal protection

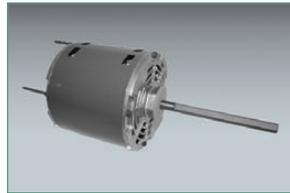
Applications

- A/C condenser fans
- Refrigeration condenser fans
- Evaporator fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
442B	1/6	208-230/1	1075	0.91	REV	1	5µf, 370V	3 1/2	1/2	5 1/2	10.0	278.54
442C ²	1/6	208-230/1	1075	0.95	REV	1	5µf, 370V	3 1/2	1/2	5 1/2	10.0	278.54
UE437 ¹	1/4	208-230/1	1075	1.5	REV	1	5µf, 370V	3 3/4	1/2	2 3/4	11.5	257.92

¹End opposite shaft is enclosed. ²Hex hubs and Cushion rings for Cradle Base mount



OPEN

Features

- Cradle base available for 3" and 3.5" shaft height
- PSC—single speed
- Totally open
- Continuous duty
- Thermal protection
- 60°C ambient

Applications

- Refrigeration condenser fans
- Refrigeration evaporator fans



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
D1749	1/4	208-230/1	1075	2.1	REV	5µf, 370V	4	1/2	6	10.8	292.98

ACCESSORIZE YOUR MOTORS

United's Motor Centers have products to fill your motor accessory needs!

BELTS, SHEAVES, BUSHINGS, BEARINGS, PULLEYS Pages 812-829

"A" = Case Length

● Ball Bearing

CONDENSER FAN DUTY

MOTORS & ACCESSORIES



SHAFT END ENCLOSED

Features

- PSC—single & multi speed
- Shaft slinger included
- Continuous duty
- Thermal protection

Applications

- A/C condenser fans
- Heat pump condenser fans
- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
FS1026S	1/4	208-230/1	1075	1.5	REV	1	5µf, 370V	3 15/16	1/2	6 3/8	11.0	172.26
FS1024S ¹	1/4	208-230/1	1625	1.4	REV	1	5µf, 370V	4	1/2	4 5/16	12.5	381.49
FS1037S	1/3	208-230/1	1075	1.9	REV	1	5µf, 370V	4 3/16	1/2	6 3/8	13.0	179.49
UE665 ¹ ●	1/3	208-230/1	1625	1.9	REV	1	5µf, 370V	4 1/4	1/2	6	12.8	427.78
F1038 ●	1/3	208-230/1	825	1.9	REV	1	7.5µf, 370V	4 7/8	1/2	6 7/16	18.0	440.79
FS1056S ●	1/2	208-230/1	1075	3.6	REV	1	5µf, 370V	4 13/16	1/2	6 1/2	14.5	199.34
F1056S ●	1/2	208-230/1	1075	2.5	REV	1	10µf, 370V	5 1/8	1/2	6 3/8	16.0	301.53
F1058 ●	1/2	208-230/1	825	2.9	REV	1	10µf, 370V	5 3/8	1/2	6 1/4	17.0	543.88
UE666 ¹	1/2	208-230/1	1625	3.9	REV	1	5µf, 370V	4 3/4	1/2	6	16.0	428.30
FH1054	1/2	460/1	1625	1.4	REV	2	7.5µf, 370V	5 1/3	1/2	6 4/9	18.70	512.08
F1076SV1 ² ●	3/4	208-230/1	1075	5.3	REV	1	12.5µf, 370V	6	1/2	4	21.0	310.40
UE436 ● ¹	1/3	460/1	1075	1.0	REV	1	5µf, 370V	4 3/4	1/2	6	14.6	456.33
FH1038 ●	1/3	460/1	825	0.9	REV	1	10µf, 370V	5 5/8	1/2	6 7/16	19	551.75
UE783A ●	1/2	460/1	1625	1.6	REV	2	7.5µf, 370V	5 1/4	1/2	6	16.0	569.99
UE435 ● ¹	1/2	460/1	1075	1.7	REV	1	7.5µf, 370V	5	1/2	6	16.0	457.61
UE158 ● ¹	3/4	460/1	1075	2.1	REV	1	10µf, 370V	5 1/2	1/2	6	18.5	526.86
UE159 ●	1	208-230/460/1	1075	4.7/2.4	REV	1	15µf, 370V	5 3/4	1/2	6	20	704.77
F1106 ●	1	208-230/1	1075	4.8	REV	1	15µf, 370V	6 1/8	1/2	6 3/8	20.0	591.58

¹Dripproof, resilient mounting rings included

²Stronger HP required for commercial applications



CONDENSER FAN DUTY MOTOR, BASE MOUNTED

Features

- Auto Protector
- Base Mounted
- Ball Bearing
- Capacity Mounted (Single Phase)
- Open Lead End Only

- Reversible
- 1.0 Service Factor
- Replaces Dunham Bush motor MTR-226



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
FB1056	1/2	208-230/460/1	1075	4.0/2.0	REV	1	7.5µf @ 370V	8.69	1/2	4 1/2	22	196.74



"RESCUE", MULTI HP

Features

- Replaces 1/3, 1/4, 1/5, 1/6 HP motors
- 48 Frame, 5.6" diameter
- 60°C ambient rated
- Mounts with thru-bolts, Rheem shell holes or belly band
- 36" leads

- Extended mounting studs
- Reversible rotation
- All-position mount totally enclosed
- Flat lead end for shaft down applications

Applications

- A/C condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
5462E ●	1/3	208-230/1	1075	2.6 @ 1/3 HP	REV	2	5 to 7.5µf, 370V	4 1/4	1/2	4 3/4	14	195.24
5464E ●	1/3	208-230/1	825	1.9 @ 1/3 HP	REV	2	7.5 to 10µf, 370V	4 1/4	1/2	4 3/4	18	253.76
5465E ●	1/2	208-230/1	1075	3.0 @ 1/2 HP	REV	2	10 to 12.5µf, 370V	5 3/8	1/2	4 1/2	19	246.82

"A" = Case Length

● Ball Bearing



RESCUE® EZ-WIRE™, MULTI HP

Features

- Replaces 1/3, 1/4, 1/5, 1/6 HP motors
- 48 Frame, 5.6" diameter
- 80°C ambient rated
- Special Rotor Corrosion Protection, designed for longer life and sure start-ups season after season
- 48" leads
- Ball-bearing design

- Reversible rotation
- Side Shell Holes
- Universal Mounting
- Replaces ORM 5458

Applications

- Commercial condensing units
- Residential condensing units



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A"	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								(In.)	Dia.	L		
5430E	1/3, 1/4, 1/5, 1/6	208-230/1	1075	2.2	REV	1	Furnished	4.30	1/2	5	11.7	162.20



MASTERFIT® PRO, MULTI HP

Features

- Energy Efficient
- 2 Speed
- 70°C Ambient
- Class F Insulation
- Totally Enclosed
- Permanent Split Capacitor
- Reversible

- Automatic Protector
- All Position Mounting
- Mounts by Belly Band, Thru Bolts or Shell Holes
- Extended Thru Bolts
- Rheem Mounting Holes in Shell
- End Frame Mounting Holes For Rheem and Trane
- All Purpose Capacitor Included



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A"	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								(In.)	Dia.	L		
FE6001F	1/3,1/4,1/5,1/6	208-230	825	1.9 @ 1/3 HP	REV	2	Furnished	5.24	1/2	6.5	17	216.76
FE6003F	1/2,1/3,1/4,1/5	208-230	825	2.4 @ 1/2 HP	REV	2	Furnished	5.74	1/2	6.5	17	257.11
FE6000F	1/3,1/4,1/5,1/6	208-230	1075	2.6 @ 1/3 HP	REV	2	Furnished	4.74	1/2	6.5	16	160.31
FE6002F	1/2,1/4	208-230	1075/2	3.2, 1.6	REV	2	Furnished	—	1/2	6.5	17	204.09



LIFESAVER SERIES

Features

- 60°C ambient
- Extended mounting studs
- Class "B" insulation
- 48" leads

- High efficiency design
- Lead end mounting holes for Rheem or Trane units
- Totally Enclosed Air Over
- Thermal reset overload - automatic



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A"	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								(In.)	Dia.	L		
2CMH136X	1/3	208-230/1	1075	2.8	REV	2	5 to 7.5 µf, 370V	5	1/2	5	15	149.30
2CMH126X	1/2	208-230/1	1075	3.9	REV	2	10 to 12.5 µf, 370V	5	1/2	5	15	186.00
2CM1848B	1/8, 1/6, 1/5, 1/4	208-230/1	825	2	REV	2	5µf, 440V	5	1/2	6	15	184.00
2CMH138X	1/3, 1/4, 1/5, 1/6	208-230/1	825	1.9	REV	2	7.5 to 10 µf, 370V	5	1/2	5	15	175.46

"A" = Case Length

● Ball Bearing

CONDENSER FAN DUTY

MOTORS & ACCESSORIES



MASTERFIT™, 4-IN-1™

Features

- Replaces 1/3, 1/4, 1/5, 1/6 HP motors
- Energy efficient PSC design
- Mounts belly band, thru bolts, or Rheem mounting holes
- Totally enclosed air over- all position mount

- Reversible rotation
- 60°C ambient (F suffix 70°C)
- FSE6000 in Masterfit™ series, ORM54*8* 4-in-1 motors replace many Rheem OEM motors.

Applications

- A/C, Heat Pump Condenser Fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
FSE6000	1/3 - 1/6	208-230/1	1135	2.8	REV	1	5µf @ 230V 7.5µf @ 208V	4.86	1/2	6	12	215.36
ORM5458F	1/3 - 1/6	208-230/1	1075	2.1	REV	1	7.5µf, 370V	4	1/2	6 1/2	11.8	196.74
ORM5458BF	1/3 - 1/6	208-230/1	1075	2.1	REV	1	7.5µf, 370V	4	1/2	6 1/2	11.8	208.98
ORM5488BF	1/3 - 1/8	208-230/1	825	2.1	REV	1	7.5µf, 370V	4 7/8	1/2	6 1/2	15.8	288.77
ORM4658BF	1/3 - 1/6	460/1	1075	1.2	REV	1	7.5µf, 370V	4 7/8	1/2	6 1/2	14.0	366.83
ORM4688BF	1/3 - 1/8	460/1	825	1.0	REV	1	7.5µf, 370V	5 1/8	1/2	6 1/2	17.0	458.54



TOTALLY ENCLOSED AIR OVER

Designed for all position mounting—shaft up, down or horizontal

Features

- 60°C rated, can be used to replace totally enclosed or open dripproof air over motors
- Extended mounting studs on both sides for ease of mounting

- Easily reversible
- 1/2" by 5" long shaft with flat
- High performance self aligning sleeve bearing with hardened steel thrust washers or ball bearing

Applications

- A/C condenser fans
- Heat pump condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
1859E	1/6	208-230/1	1075	1.0	REV	1	5µf, 370V	3.8	1/2	5	11	136.62
1860E	1/4	208-230/1	1075	1.5	REV	1	5µf, 370V	4.1	1/2	5	12	138.06
1861E	1/3	208-230/1	1075	2.0	REV	1	7.5µf, 370V	4.6	1/2	5	14	146.62
1862E	1/2	208-230/1	1075	3.0	REV	1	10µf, 370V	5.1	1/2	6	17	170.60
1868E	3/4	208-230/1	1075	4.5	REV	1	10µf, 370V	5.8	1/2	5	20	215.24
1874E	1/4	208-230/1	825	2.0	REV	2	5µf, 370V	4.3	1/2	6	13	172.14
1876E	1/4	208-230/1	1075	1.5	REV	1	5µf, 370V	4.1	1/2	5	11	161.90
1881E	1/3	460/1	825	1.0	REV	1	7.5µf, 370V	5.6	1/2	6	17	494.40



SHAFT END ENCLOSED

Features

- PSC—single & multi speed
- Shaft end enclosed
- Shaft slinger included
- Continuous duty
- Thermal protection

Applications

- A/C condenser fans
- Heat pump condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
D748	1/3	208-230/1	1075	2.9	REV	1	5µf, 370V	4 1/4	1/2	6 1/2	12.0	163.94
D783	1/4	208-230/1	1625	1.5	REV	1	5µf, 370V	4	1/2	6	12.0	230.94
D913	1/4	460/1	1075	1.1	REV	1	5µf, 370V	4 1/4	1/2	6 3/8	13.0	365.99

"A" = Case Length

● Ball Bearing



TOTALLY ENCLOSED AIR OVER

Features

- PSC—single speed
- Totally enclosed, air over
- Shaft-up or shaft-down mount
- Thermal protection

Applications

- A/C condenser fans
- Heat pump condenser fans
- Replaces Rheem OEM motors with 4 drilled & tapped holes in shell



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
D798	1/6	208-230/1	825	1.3	REV	5µf, 370V	4 1/3	1/2	6	12	286.77
D794	1/5	208-230/1	825	1.3	REV	5µf, 370V	4 1/3	1/2	6	12	256.58
D919	1/8	208-230/1	1075	0.9	REV	5µf, 370V	3 3/4	1/2	6 1/2	12	189.83
D917	1/6	208-230/1	1075	1.0	REV	5µf, 370V	3 3/4	1/2	6 1/2	12	176.51
D906	1/5	208-230/1	1075	1.2	REV	5µf, 370V	4	1/2	6 1/2	12	194.76



TOTALLY ENCLOSED

Features

- PSC—single speed
- Continuous duty
- Thermal protection

Applications

- A/C condenser fans
- Heat pump condenser fans
- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
2CF146B ●	1/4	208-230/1	1075	1.7	REV	1	5µf,370V	4.1	1/2	5	14.0	138.82
2CF136B ●	1/3	208-230/1	1075	2.1	REV	1	7.5µf,370V	4.6	1/2	5	16.0	148.06
2CF126B ●	1/2	208-230/1	1075	2.9	REV	1	10µf,370V	5.1	1/2	5	19.0	163.90

TOTALLY ENCLOSED

Features

- 460V, single phase, PSC
- Frame and end brackets enclosed
- 60°C ambient
- Weather resistant reversing plug

Applications

- A/C condenser fans
- Heat pump condenser fans
- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs)	Price
									Dia.	L		
X462 ●	1	460	1075	3.4	REV	1	25µf, 370V	7 1/4	1/2	6	27	509.31



TOTALLY ENCLOSED AIR OVER

Features

- PSC—single speed
- Totally enclosed—air over
- Shaft-up or shaft-down mount
- Continuous duty
- Thermal protection

Applications

- A/C condenser fans
- Heat pump condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
S3728	1/4	208-230/1	1075	1.8	REV	1	5µf, 370V	4 1/4	1/2	6	11.0	200.02
S3729	1/3	208-230/1	1075	2.3	REV	1	7.5µf, 370V	4 1/2	1/2	6	14.8	227.14
S3730	1/2	208-230/1	1075	3.5	REV	1	10µf, 370V	5 1/4	1/2	6	18.1	267.38
S3731	3/4	208-230/1	1075	4.7	REV	1	10µf, 370V	5 3/4	1/2	6	21.3	331.84

"A" = Case Length

● Ball Bearing

CONDENSER FAN DUTY

MOTORS & ACCESSORIES



TOTALLY ENCLOSED AIR OVER

Features

- PSC—single & multi speed
- Shaft-up or shaft-down mount
- Continuous duty
- Thermal protection

Applications

- A/C condenser fans
- Heat pump condenser fans
- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
UE182	1/10	208-230/1	1075	0.7	REV	1	5µf, 370V	3 15/16	1/2	5	8	250.94
FE1008SV1 ●	1/10	208-230/1	825	0.6	REV	1	5µf, 370V	4	1/2	6	10	357.11
ORM1008	1/8	208-230/1	825	0.7	REV	1	5µf, 370V	4 3/16	1/2	4 13/16	10	247.87
FSE1018S	1/6	208-230/1	825	1.1	REV	1	5µf,370V	4 3/16	1/2	6	13.0	261.59
FSE1016SV1	1/6	208-230/1	1075	1.0	REV	1	5µf, 370V	3 5/16	1/2	6	10.1	159.16
UE554 ●	1/6	208-230/1	1075	1.0	REV	2	5µf, 370V	4	1/2	6	10.6	406.71
FSE1026SV1	1/4	208-230/1	1075	2.0	REV	1	5µf, 370V	4 5/16	1/2	6	12.8	163.80
FSE1026	1/4	208-230/1	1075	1.3	REV	2	5µf, 370V	4 3/8	1/2	6	11.8	304.54
FE1026 ●	1/4	208-230/1	1075	1.3	REV	2	5µf, 370V	4 3/8	1/2	6	16.0	443.74
FSE1036SV1	1/3	208-230/1	1075	2.7	REV	1	7.5µf, 370V	4 7/8	1/2	6	14.3	174.55
FE1056 ●	1/2	208-230/1	1075	2.8	REV	2	10µf, 370V	5 1/2	1/2	6	19.3	513.13
FSE1056SV1	1/2	208-230/1	1075	4.0	REV	1	10µf, 370V	5 3/8	1/2	6	19.0	193.56
FSE1076SV1	3/4	208-230/1	1075	5.2	REV	1	15µf, 370V	5 5/8	1/2	6 7/16	18.5	235.69



HEAT MASTER

Features

- 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
- 70°C max ambient
- Water-resistant reversing plug
- Double sealed ball bearings, or dependable all-angle sleeve bearings

- All-angle mount
- Mounts by belly band, adjustable extended thru-bolts, or Rheem mounting holes, with screws supplied
- Lead length 36"
- 60 Hertz
- Totally enclosed, continuous duty, air over
- UL and CSA approved

Applications

- A/C condenser fans
- Heat pump condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	No. of Speeds	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
FSE1016SF	1/6	208-230/1	1075	1.4	REV	1	5µf, 370V	3.99	1/2	6 1/2	10.6	172.41
FSE1028SF	1/4	208-230/1	825	1.5	REV	1	5µf, 370V	4.61	1/2	6 1/2	13.9	276.02
FSE1026SF	1/4	208-230/1	1075	2.0	REV	1	5µf, 370V	4.36	1/2	6 1/2	13.0	177.36
FE1026SF ●	1/4	208-230/1	1075	2.0	REV	1	5µf, 370V	4.36	1/2	6 1/2	13.0	191.68
FSE1038SF	1/3	208-230/1	825	2.1	REV	1	7.5µf, 370V	5.11	1/2	6 1/2	15.0	316.27
FSE1036SF	1/3	208-230/1	1075	2.8	REV	1	7.5µf, 370V	4.86	1/2	6 1/2	15.9	189.02
FE1036SF ●	1/3	208-230/1	1075	2.8	REV	1	7.5µf, 370V	4.86	1/2	6 1/2	15.9	204.09
FE1038SF ●	1/3	208-230/1	1075	2.1	REV	1	7.5µf, 370V	5.1	1/2	6 1/2	16	341.65
FSE1058SF	1/2	208-230/1	825	2.5	REV	1	10µf, 370V	5.61	1/2	6 1/2	17	379.24
FSE1056SF	1/2	208-230/1	1075	4.0	REV	1	10µf, 370V	5.36	1/2	6 1/2	18.0	209.54
FE1056SF ●	1/2	208-230/1	1075	4.0	REV	1	10µf, 370V	5.36	1/2	6 1/2	18.0	226.36
FSE1076SF	3/4	208-230/1	1075	5.1	REV	1	15µf, 370V	5.61	1/2	6 1/2	18.3	255.13
FE1076SF ●	3/4	208-230/1	1075	5.1	REV	1	15µf, 370V	5.61	1/2	6 1/2	18.3	275.56
FEH1026SF ●	1/4	460/1	1075	1.0	REV	1	7.5µf, 370V	4.74	1/2	6 1/2	12.7	383.82
FEH1036SF ●	1/3	460/1	1075	1.3	REV	1	7.5µf, 370V	5.25	1/2	6 1/2	15.4	438.74
FEH1056SF ●	1/2	460/1	1075	1.5	REV	1	10µf, 370V	5.61	1/2	6 1/2	19.0	452.00
FEH1076SF ●	3/4	460/1	1075	2.2	REV	1	10µf, 370V	6.11	1/2	6 1/2	21.1	520.40

"A" = Case Length

● Ball Bearing



FC1086A

FAN CANOPY, 5 5/8 INCH DIAMETER

Features

- PSC and 3 phase–single speed
- "Fan Canopy" design
- Ball bearing
- Variable speed capable
- Thermal protection
- 60 Hz only
- "F" suffix indicates 70°C max ambient (other 60°C max ambient)

Applications

- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Rotation	Capacitor	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
FC1066F	0.6	200-230/460/1	1075	4.0/2.0	REV	7.5µf, 440V	6 15/16	1/2	3 9/16	19	474.68
FC1066AF	0.6	200-230/460/1	1075	4.0/2.0	REV	7.5µf, 440V	6 15/16	5/8	3 9/16	19	474.68
FC3056F	1/2	200-230/460/3	1140	3.0/1.5	REV	—	6 15/16	1/2	3 9/16	18	654.95
FC3076F	3/4	200-230/460/3	1140	4.0/2.0	REV	—	9	5/8	4 1/16	24	752.86
FC1086AF	0.8	200-230/460/1	1075	4.6/2.3	REV	20µf, 370V	8 13/16	5/8	3 9/16	27	699.53
FC1106F	1	208-230/460/1	1075	6.4/3.2	REV	25µf, 370V	9 9/16	5/8	4 1/16	32	794.62
FC3106	1	200-230/460/3	1140	5.6/2.8	REV	—	9 9/16	5/8	4 1/16	31	1048.12

Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.



C660V1

6 1/2 INCH DIAMETER

Features

- PSC, single speed
- Shaft end enclosed
- Reversible
- Double sealed ball bearings
- Thermal protection
- Round Frame unless indicated otherwise
- 6 1/2" Diameter vertical

Applications

- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Capacitor	Total Length (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
C512V1	1/2	200-230/460/1	850	3.4/1.7	15µf, 370V	16.81	5/8	6	31	772.18
C661V1	3/4	200-230/460/1	1075	3.8/1.9	15µf, 370V	16.31	5/8	6	30	695.86
C660V1	3/4	200-230/460/1	825	5.2/2.6	15µf, 370V	17.31	5/8	6	36	901.56
C662 ¹	3/4	208-230/460/1	1075	4.2/2.1	Furnished	12.75	5/8	2 3/4	32	877.65
C770V1	1	200-230/460/1	1075	4.8/2.4	25µf, 370V	16.81	5/8	6	35	732.86
C771	1 1/2	200-230/460/1	1075	6.6/3.3	25µf, 370V	18.06	5/8	6	44	687.70

¹Cushion base

3 PHASE CONDENSER FAN, INVERTER DUTY



JUGGERNAUT™

Features

- 3 phase–single speed
- Suitable for inverter duty
- Max ambient: 70°C
- Class F Insulation
- Removable 56H base for belly band mount

- Enclosed shaft end
- Voltage: 208-230/460
- Voltage terminal board (A suffix)

Applications

- Commercial condenser fans controlled by an "inverter" (VFD)



Part No.	HP	RPM	Amps	Protection	Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
H1056A	3/4	1140	2.8-3.0/1.5	Auto	56YZ	5/8	6	28	574.18
H1050A	1	1140	4.0-4.4/2.2	Auto	56YZ	5/8	6	29	569.64
H1051A	1 1/2	1140	5.8-5.8/2.9	Auto	56YZ	5/8	6	38	623.43
H1052A	2	1140	7.0-7.4/3.7	Auto	56YZ	5/8	6	45	679.39
H1053A	1	850	5.0-5.2/2.6	Auto	56YZ	5/8	6	45	768.01
H1054A	1 1/2	850	6.7-7.2/3.6	Auto	56YZ	5/8	6	47	810.78

"A" = Case Length

● Ball Bearing

3 PHASE CONDENSER FAN, INVERTER DUTY

MOTORS & ACCESSORIES



X528

Features

- Open, shaft end enclosed, air over
- 3 phase motors
- Enclosed shaft end bracket, vented frame
- 60 degrees C ambient
- Automatic reset thermal protector
- Nameplate 60/50 hertz 190/380 volts, at next lower HP
- Amps Full Load at 240V
- VCD voltage change device
- 56YZ motors have 56H rigid base

- Double sealed ball bearings
- Shaft with flat and keyway
- Threaded lead exit
- Shaft slinger
- UL Recognized and CSA Certified

Applications

- Commercial condenser fans Used on Trane, Carrier, Climatrol and York units, 5 tons and larger.
- Supermarket refrigeration units.



RIGID MOUNT

Part No.	HP	Voltage	RPM	Amps	"A" (In.)	Shaft (In.)		Frame	Wt./Ea. (Lbs.)	Price
						Dia.	L			
X529	1/2	208-230/460/3	850	3.0/1.5	9 3/4	5/8	5	56YZ	39	1024.24
X528	1	208-230/460/3	850	5.3/2.6	9 3/4	5/8	5	56YZ	46	1149.69
X513	1	208-230/460/3	1140	4.2/2.1	9 3/4	5/8	5	56YZ	30	863.21
X531	1 1/2	208-230/460/3	850	7.0/3.5	9 1/2	5/8	5	56YZ	48	1184.61
X523	1 1/2	208-230/460/3	1140	5.4/2.7	10 3/4	5/8	5	56YZ	38	881.31

BAND MOUNT

- 56Y are band mount motors; will accept optional resilient base

Part No.	HP	Voltage	RPM	Amps	"A" (In.)	Shaft (In.)		Frame	Wt./Ea. (Lbs.)	Price
						Dia.	L			
X507	1	200-230/460/3	850	5.3/2.6	12	5/8	5	56Y	46	892.95
X502	1	200-230/460/3	1140	4.2/2.1	10	5/8	5	56Y	29	679.74
X530	1 1/2	208-230/460/3	850	6.8/3.4	11 1/4	5/8	5	56Y	47	1127.50
X503	1 1/2	200-230/460/3	1140	5.4/2.7	11	5/8	5	56Y	37	741.78



1830VG

VARI TOUGH

Features

- Designed to NEMA MG1-Part 31
- Open Drip-Proof, Shaft-up design
- Max ambient: 70°C
- Continuous duty, air over
- Double sealed ball bearings
- Includes shaft ground ring
- Patented voltage change device

- Lock bearing system OSE
- Class F insulation
- Reversible rotation
- Thermostat temperature protection

Applications

- Condenser cooling fans in commercial refrigeration applications, where 3 phase power and variable frequency drives (VFD) are required.



Part No.	Mount	HP	RPM	Amps	Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
1830VG	Belly Band Mount	1	825	5.2/2.6	56YZ	5/8	3 1/4	43	822.50
1831VG	Rigid Band Mount	1 1/2	850	7.2/3.6	56YZ	5/8	3.5	40	988.76
1821VG	Rigid Band Mount	1 1/2	1140	5.3/2.6	56YZ	5/8	6.0	44	801.96

3 PHASE CONDENSER FAN



1819H

Features

- Automatic Reset Thermal Overload Protector
- Reversible Rotation
- Continuous Duty, Air Over
- Double-Sealed Ball Bearings
- Dual Voltage
- Class B Insulation

- 140°F (60°C) Ambient Rated
- Shaft-Up Mounting

Applications

- Condenser cooling fans in commercial air conditioning applications where 3 phase power is required.



Part No.	Mount	HP	RPM	Amps	Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
1819H	Belly Band Mount	1 1/2	1140	6.2/3.1	56Z	5/8	6	36	639.12
1820H	Rigid Base Mount	1	1140	4.0/2.0	56YZ	5/8	6	32	623.92

"A" = Case Length

● Ball Bearing



6 1/2 INCH DIAMETER

Features

- 3 phase—single speed
- Shaft end enclosed
- Reversible
- Double sealed ball bearings

- Thermal protection
- Round Frame unless indicated otherwise
- 6 1/2" Diameter vertical

Applications

- Commercial condenser fans



Part No.	HP	Voltage	RPM	Amps	Capacitor	Total Length (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
H564	1/2	200-230/460/3	1140	2.6/1.3	—	16.31	5/8	6	25	554.74
H567	3/4	200-230/460/3	1140	3.0/1.5	—	16.31	5/8	6	26	612.68
H685 ^{1, 4}	1	200-230/460/3	1140	3.8/1.9	—	13.81	5/8	4	33	792.23
H686	1	200-230/460/3	850	4.0/2.0	—	15.19	5/8	4 7/8	33	841.64
H667	1	200-230/460/3	1140	5.2/2.6	—	16.81	5/8	6	32	640.67
H696 ^{1, 5}	1	208-230/460/3	1140	3.6/1.8	—	15.63	5/8	4 7/8	35	929.36
H767	1 1/2	200-230/460/3	1140	6.0/3.0	—	17.31	5/8	6	33	699.08
H697	1 1/2	208-230/460/3	1140	5.2/2.6	—	15.63	5/8	6	37	1007.05
H698 ¹	2	208-230/460/3	1140	6.2/3.1	—	15.63	5/8	3 1/2	44	758.83

¹Totally enclosed ³Cushion base ⁴Rigid base ⁵60/50 Hz

OIL BURNER



Features

- Split phase—single speed
- Totally enclosed
- NEMA 2 bolt flange mount
- Reversible
- Manual reset thermal protection

Applications

- Oil burners



Part No.	HP	Voltage	RPM	Amps	Rotation	NEMA Frame	Wt./Ea. (Lbs.)	Price
EL2002V1	1/7	115/1	3450	2.5	CCWOSE	48M	10	290.82
EL2014V1	1/6	115/1	1725	3.2	REV	48N	11	326.55



Features

- Split phase—single speed
- Shaft end vented
- NEMA 2 bolt flange mount
- Reversible
- Manual reset thermal protection

Applications

- Oil burners



Part No.	HP	Voltage	RPM	Amps	Rotation	NEMA Frame	"A" (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
								Dia.	L		
S4782	1/8	115/1	1725	2.6	REV	48N	5 5/16	1/2	1 7/8	8.6	185.60



Features

- PSC
- Energy efficient
- Capacitor included
- NEMA 2 bolt flange mount
- Automatic thermal overload

Applications

- Oil burners



Part No.	HP	Voltage	RPM	Amps	Rotation	NEMA Frame	Wt./Ea. (Lbs.)	Price
21805U	1/7	115/1	3450	1.8	CCWSE	48M	8	133.44

"A" = Case Length

● Ball Bearing

DEFINITE PURPOSE

PUMP MOTOR



HOT WATER CIRCULATOR PUMP

Features

- Split phase—single speed
- Open drip-proof construction
- Sleeve bearings
- Cushion ring mount with base
- Continuous duty
- Thermal protection

Applications

- Hot water circulating pumps
- Replaces Bell & Gosset #111061



Part No.	HP	Voltage	RPM	Amps	NEMA Frame	Wt./Ea. (Lbs.)	Price
UE941	1/6	115/1	1725	2.8	48Y	12.8	481.74



CARBONATOR PUMP MOTOR

Features

- Slotted Shaft
- Split Phase
- 50 / 60 Cycle Rated
- Auto Overload

Applications

- Replacement for many OEM carbonator pumps



Part No.	HP	Voltage	RPM	Amps	Rotation	Shaft	Weight (Lbs.)	Price
CB2024AV1	1/4	115/1	1725	4.4	REV	Slotted	12	273.01
CB2034A	1/3	115/1	1725	6.2	CWSE	Slotted	14	243.10



CARBONATOR PUMP MOTOR

Features

- Green ground lead
- Threaded conduit hub
- Slotted Shaft
- Auto Overload

Applications

- Designed end shield with extended hub and short slotted shaft for close coupling carbonator pump to motor



Part No.	HP	Voltage	RPM	Amps	Rotation	Shaft	Weight (Lbs.)	Price
6079E	1/3	120/240	1800	6.4-6.3/3.0-3.1	REV	Slotted	16	334.80
6078E	1/2	120/240	1800	7.5/3.6	REV	Slotted	17	403.28

EVAPORATIVE COOLER



DI2530

Each kit includes: one motor, 36" power cord with plug, adjustable pulley and motor clamps

Applications

- Evaporative coolers

Features

- Split phase
- Windings encapsulated moisture resistant varnish
- Rust inhibiting materials used in starting components
- High temperature insulation capable of 300°F
- Automatic overload
- Heavy duty bronze sleeve bearings



Part No.	HP	Voltage	RPM	Amps	Number of Speeds	Cradle Length (In.)	Shaft Diameter (In.)	Pulley Size (In.)	Wt./Ea. (Lbs.)	Price
DI2393*	1	115	1725	13.0/7.0	2	9 7/16	5/8	4 Variable	31.3	367.38
DI2394*	1	230	1725	6.5/3.5	2	9 7/16	5/8	4 Variable	31.3	373.74
DI2530	1/3	115	1725	6.3	1	7 1/2	1/2	3.5 Variable	13.7	185.54
DI2537	1/3	115	1725	6.5/3.5	2	7 1/2	1/2	3.5 Variable	15.1	213.98
DI2545	1/2	115	1725	7.6	1	7 1/2	1/2	3.5 Variable	15	212.50
DI2548	1/2	115	1725	8.4/4.0	2	7 1/2	1/2	3.5 Variable	18.4	238.40
DI2564	3/4	115	1725	10.5	1	7 1/2	1/2	3.75 Variable	17	240.40
DI2569	3/4	115	1725	10.5/4.8	2	7 1/2	1/2	3.75 Variable	21.9	286.60

*Capacitor Start

EXHAUST VENTILATOR



EXHAUST VENTILATOR, C-FACE

Features

- Ball bearing
- Split phase
- 56CZ frame

Applications

- Commercial and industrial fan and blower exhaust ventilators.



Part No.	HP	Voltage	RPM	Amps	Rotation	Number of Speeds	Overload Protection	Overall Length (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
H214	1/4	115/1	1140	5.6	REV	1	None	11.15	5/8	2 1/4	22	490.59
H217	1/3	115/1	1725	6.6	REV	1	None	10.25	5/8	2 1/4	15	325.80



EXHAUST VENTILATOR, C-FACE

Features

- Split phase
- 56CZ frame
- *ES motors have a capacitor start / capacitor run design

Applications

- Commercial and industrial fan and blower exhaust ventilators.



Part No.	HP	Voltage	RPM	Amps	Rotation	Number of Speeds	Overload Protection	Overall Length (In.)	Shaft (In.)		Wt./Ea. (Lbs.)	Price
									Dia.	L		
F270	1/8	115/1	1140	3.0	REV	1	Auto	11.25	5/8	2 1/4	19	494.37
F271	1/6	115/1	1140	3.6	REV	1	Auto	11.25	5/8	2 1/4	18	550.92
F276	1/3	115/1	850	8.6	REV	1	Auto	12.87	5/8	2 1/4	34	1173.49
C315ES	1/2	115/208-230/1	1725	4.6/2.3	REV	1	None	11.1	5/8	1 7/8	25	612.82
C316-AOS ¹	3/4	115/208-230/1	1725	10.6/5.3	REV	1	None	11.4	5/8	1 7/8	29	1110.51

¹Start Capacitor

FRACTIONAL SPLIT PHASE



Features

- Extended thru-bolts on B300 series motors
- Shaft adapter to 5/8" included with B200 series models
- Heavy gauge steel frame with resilient "cradle" style base
- 48Y Frame has 48/56 Frame mounting holes
- UL Recognized and CSA Certified

Applications

- Belt drive roof ventilators and furnace blowers



Part No.	HP	Voltage	RPM	Amps	Overall Length (In.)	Shaft (In.)		Service Factor	NEMA Frame	Overload	Wt./Ea. (Lbs.)	Price
						Dia.	L					
B300	1/6	115/1	1725	3.6	9.47	1/2	1 7/8	1.35	48Z	None	13	271.50
B322	1/6	115/1	1725	3.6	9.47	1/2	1 7/8	1.35	48Z	Auto	13	247.56
B206	1/4	115/1	1725	5.0	9.72	1/2	1 1/2	1.35	48YZ	Auto	13	206.94
B302	1/4	115/1	1725	5.0	9.47	1/2	1 7/8	1.35	48Z	None	14	248.13
B303	1/4	115/1	1725	5.0	9.47	1/2	1 7/8	1.35	48Z	Auto	14	265.76
B207	1/3	115/1	1725	5.5	9.72	1/2	1 1/2	1.35	48YZ	Auto	15	217.65
B304	1/3	115/1	1725	5.5	9.72	1/2	1 7/8	1.35	48Z	None	15	285.35
B305	1/3	115/1	1725	5.5	9.72	1/2	1 7/8	1.35	48Z	Auto	15	294.29
H167	1/3	230/1	1725	3.3	9.95	1/2	1 7/8	1.35	48	Auto	8.5	299.59
B208	1/2	115/1	1725	7.5	10.72	1/2	1 1/2	1.25	48YZ	Auto	20	267.62
B306	1/2	115/1	1725	7.5	10.47	1/2	1 7/8	1.25	48Z	None	20	347.10
B307	1/2	115/1	1725	7.5	10.47	1/2	1 7/8	1.25	48Z	Auto	20	361.59
D163	1/2	230/1	1725	3.6	10.09	1/2	1 5/8	1.25	48	Auto	19	406.32

● Ball Bearing

BELT DRIVE GENERAL PURPOSE

FRACTIONAL SPLIT PHASE



Features

- Split phase—single & multi speed
- Open drip-proof construction
- Resilient base mount
- Reversible
- Thermal protection

Applications

- Furnace blowers
- Exhaust fans
- Various belt drive applications



Part No.	HP	Voltage	RPM	Amps	No. of Speeds	NEMA Frame	Service Factor	Wt./Ea. (Lbs.)	Price
GF2024	1/4	115/1	1725	5.4	1	48/56	1.35	13	184.50
UE924 ●	1/4	115/1	1725	3.7/2.1	2	48Z	1.00	19	490.59
GF2034	1/3	115/1	1725	6.8	1	48/56	1.35	15	196.68
GF2054	1/2	115/1	1725	8.0	1	48/56	1.25	18	248.94
BF2034 ●	1/3	115/208-230/1	1725	6.4/3.2	1	48/56	1.35	16	393.05
RB2054DV2 ●	1/2	115/230/1	1725	9.6/4.8	1	56	1.25	21	525.02
GF2054D	1/2	115/230/1	1725	8.2/4.1	1	48/56	1.25	17	522.79
BF2054 ●	1/2	115/230/1	1725	8.2/4.1	1	48/56	1.25	18	305.84
F681	3/4	115/230/1	1725	10.4/5.2	1	56	1.25	31	625.83

CAPACITOR START



Features

- Capacitor start—single speed
- Open drip-proof construction
- Resilient and rigid base
- Reversible
- Continuous duty
- Voltage 115/208/230

Applications

- Air handlers
- Fans
- Pumps
- Air compressors



Part No.	HP	RPM	Speeds	Amps	Base	Overload Protector	NEMA Frame	Service Factor	Wt./Ea. (Lbs.)	Price
RS1024A ¹	1/4	1725	1	5.6/2.8	Resilient	Auto	48	1.35	15	280.00
RS1035A ¹	1/3	1725	1	6.2/3.1	Resilient	Auto	48	1.35	17	432.43
C231 ¹	1/3	1140	1	6.0/3.0	Resilient	None	56	1.35	29	765.29
C226 ●	1/3	1725	1	6.6/3.3	Resilient	None	56	1.35	22	509.31
C403V1 ●	1/3	1725	1	6.6/3.3	Resilient	Auto	56FR	1.35	26	368.36
C455 ¹	1/3	1725	1	6.6/3.3	Resilient	Auto	56	1.35	22	338.99
C412V1 ●	1/2	1725	1	9.0/4.5	Resilient	Auto	56	1.25	26	430.80
C607 ¹	1/2	1725	1	9.0/4.5	Resilient	Auto	56	1.25	24	402.83
C608ES ●	1/2	1725	1	4.6/2.3	Rigid	None	56	1.25	25	529.52
C630ES ●	1/2	1725	1	9.0/4.5	Rigid	Auto	56	1.25	23	410.39
BF1072 ●	3/4	3450	1	12.8/6.4	Resilient	Auto	48	1.50	20	526.71
BK1072 ●	3/4	3450	1	12.8/6.4	Resilient	Auto	56	1.50	21	526.71
C426V1 ●	3/4	1725	1	11.0/5.5	Resilient	Auto	56	1.25	34	525.78
C654 ¹	3/4	1725	1	11.0/5.5	Resilient	Auto	56	1.25	26	497.86
C666 ●	3/4	1725	1	11.0/5.5	Resilient	None	56	1.25	28	622.56
C658 ●	3/4	1725	1	11.0/5.5	Rigid	Auto	56	1.25	25	519.16
C655ES ●	3/4	1725	1	6.0/3.3	Rigid	None	56	1.25	25	599.53
BK1102 ●	1	3450	1	15.4/7.7	Resilient	Auto	56	1.40	24	636.56
B701 ¹	1	3450	1	12.0/6.0	Resilient	Auto	56	1.25	28	554.70
C523V1 ●	1	1725	1	12.6/6.3	Resilient	Auto	56	1.15	32	568.61
C692 ¹	1	1725	1	12.6/6.3	Resilient	Auto	56	1.25	32	538.37
C682 ●	1	1725	1	12.6/6.3	Rigid	Auto	56	1.25	31	538.06
C621 ●	1 1/2	1725	1	15.0/7.5	Resilient	Auto	56	1.20	41	713.17
RB1154AV1 ●	1 1/2	1725	2	19.2/9.6	Resilient	Auto	56H	1.20	45	830.51
C688ES ●	1 1/2	1725	1	15.0/7.5	Rigid	Auto	56H	1.20	39	690.66
C689ES ●	1 1/2	1725	1	12.6/6.3	Rigid	None	56H	1.20	40	766.69
RB1204AV1 ●	2	1725	1	22.0/11.0	Resilient	Auto	56H	1.15	43	1048.62
C210 ●	2	1725	1	18.0/9.0	Rigid	Manual	56H	1.15	32	1144.98
OB1204A ●	2	1725	1	26.8/13.4	Rigid	Auto	56H	1.1	46	1115.84

¹Sleeve bearing

● Ball Bearing

BELT DRIVE GENERAL PURPOSE



Features

- Capacitor start–single speed
- Open drip-proof construction
- High starting torque
- Rigid base
- Reversible

Applications

- Conveyors
- Pumps
- Air compressors
- Power Tools



Part No.	HP	Voltage	RPM	Amps	Overload	NEMA Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
C613	1/2	115/208-230/1	1725	7.2/3.6	Auto	56	5/8	1 7/8	28	667.39



Features

- All angle sleeve or ball bearings, as noted
- Heavy gauge steel frame
- NEMA service factors where noted
- UL Recognized and CSA Certified

Applications

Residential, commercial fans and blowers where high starting torque is required.



Part No.	HP	Voltage	RPM	Amps	Base	Overload Protection	NEMA Frame	Service Factor	Wt./Ea. (Lbs.)	Price
B318	3/4	115/208-230/1	1725	10.0/5.0	Resilient	None	56	1.25	24	519.61
B319	3/4	115/208-230/1	1725	10.0/5.0	Resilient	Auto	56	1.25	24	555.15
C182A	1	115/208-230/1	1725	8.4/4.0	Rigid	Auto	56	1.15	31	820.13



Features

- Capacitor start–single speed
- Open drip-proof construction
- High starting torque
- Rigid base
- Reversible

Applications

- Conveyors
- Pumps
- Air compressors



Part No.	HP	Voltage	RPM	Amps	Overload	NEMA Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
							Dia.	L		
V100	1	115/208-230/1	1725	15.0/7.5	None	143T	7/8	2 1/4	35	825.00
V101	1 1/2	115/208-230/1	1725	15.0/7.5	None	145T	7/8	2 1/4	41	943.89
V102	2	115/208-230/1	1725	20.4/10.2	None	145T	7/8	2 1/4	42	1034.99
V210	3	115/230/1	3450	32.0/16.0	None	182T	1 1/8	2 3/4	68	2087.96
V209	5	230/1	1725	22.0	None	184T	1 1/8	2 3/4	84	1296.85
V305	7 1/2	230/460/1	1725	32.0/16.0	None	215T	1 3/8	3 3/8	158	2092.09
V303	10	230/460/1	1725	38.0/19.0	None	215T	1 3/8	3 3/8	156	2881.26

Make United Refrigeration Your Motor Destination



The top HVAC/R motor experts in the business
Proven quality brands that you know and trust
Expansive inventory in stock today
Nationwide warranty

● Ball Bearing

BELT DRIVE GENERAL PURPOSE

3 PHASE



H841V1

56 FRAME, RESILIENT MOUNT

Features

- 3 phase—single speed
- Open drip-proof construction
- Resilient base
- Reversible
- Continuous duty
- Voltage 200/230/460

Applications

- Air handlers
- Fans
- Pumps
- Air compressors



Part No.	HP	RPM	Amps	Overload Protection	NEMA Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
H275V1 ●	1/2	1725	2.0/1.0	None	56	5/8	1 7/8	25.0	501.57
H850 ●	1/2	1800	2.0/1.0	Auto	56	5/8	1 7/8	22.0	655.57
H841V1 ●	3/4	3600	2.8/1.4	Auto	56	5/8	1 7/8	24	593.01
H582V2 ●	3/4	1725	2.8/1.4	None	56	5/8	1 7/8	22	575.34
H851V1 ●	3/4	1800	3.0/1.5	Auto	56	5/8	1 7/8	24.0	505.49
H842V1 ●	1	3600	3.6/1.8	Auto	56H	5/8	1 7/8	27	666.78
H852 ●	1	1800	4.0/2.0	Auto	56H	5/8	1 7/8	27.0	515.65
H615V2 ●	1	1725	3.4-3.6/1.8	None	56	5/8	1 7/8	25.0	599.01
H843V1 ●	1 1/2	3450	4.2/2.1	Auto	56H	5/8	1 7/8	33.0	563.02
H536 ●	1 1/2	1725	5.6/2.8	None	56H	5/8	1 7/8	35.0	602.54
H853V1 ●	1 1/2	1725	5.6/2.8	Auto	56H	5/8	1 7/8	30.0	589.89
H844 ●	2	3450	5.8/2.9	Auto	56H	5/8	1 7/8	34	602.89
H854 ●	2	1725	7.0/3.5	Auto	56HZ	7/8	2 5/16	39.0	647.50
H845 ●	3	3450	8.6/4.3	Auto	56HZ	7/8	2 5/16	38.0	674.33
H855 ●	3	1800	8.8/4.4	Auto	56HZ	7/8	2 5/16	44.0	725.06



H614

56 FRAME, RIGID BASE

Features

- 3 phase—single speed
- Open drip-proof construction (H280 TENV)
- Rigid base
- Reversible (H534L RCC)
- Continuous duty
- Voltage 200/230/460
- *ES motors have a capacitor start/capacitor run design

Applications

- Air handlers
- Fans
- Pumps
- Air compressors



Part No.	HP	RPM	Amps	Protection	Frame	Shaft (In.)		Wt./Ea. (Lbs.)	Price
						Dia.	L		
H273LES ●	1/2	1800	1.7/0.85	None	56	5/8	1 7/8	22.0	521.82
H279ES ●	1/2	1140	1.9/0.95	None	56	5/8	1 7/8	26	741.49
H280 ¹ ●	1/2	1200	2.0/1.0	None	56	5/8	1 7/8	26	821.55
H581AES ●	3/4	1800	2.5/1.25	None	56	5/8	1 7/8	21	582.34
H614LES ●	1	1800	3.0/1.5	None	56H	5/8	1 7/8	26.0	765.19
H885 ●	1 1/2	1800	5.6/2.8	Auto	56HZ	7/8	2 5/16	29.0	591.71
H534LES ●	1 1/2	1725	5.3-5.6/2.8	None	56H	5/8	1 7/8	28	688.92
H181LES ●	2	1725	6.0/3.0	None	56	5/8	1 7/8	34.0	815.98
H886 ●	2	1800	7.0/3.5	Auto	56HZ	7/8	2 5/16	37.0	650.68
H757 ●	3	3600	8.6/4.3	Auto	56HZ	7/8	2 5/16	35	1061.76
H887 ●	3	1800	8.8/4.4	Auto	56HZ	7/8	2 5/16	43.0	707.64
H847 ●	5	3600	13.2/6.6	Auto	56HZ	7/8	2 5/16	44	890.78

¹Totally Enclosed / Non-Ventilated

● Ball Bearing



56C FRAME

Features

- Ball bearings
- NEMA service factors
- Bolt on, removable base
- Totally enclosed, fan cooled
- UL Recognized and CSA Certified

Applications

- Use to replace TEFC, ODP or C-Face motors with or without base (Four-in-One)
- Gear reducers and machine tools, pumps, fans, blowers
- Damp, dusty, dirty environments



Part No.	HP	Voltage	RPM	Amps	Overload	Frame	Shaft (In.)		Wgt. Ea. (Lbs.)	Price
							Dia.	L		
G580	1/3	208-230/460/3	1800	1.4-1.6/.8	None	56C	5/8	1 7/8	21	520.54
G581	1/2	208-230/460/3	1800	2.4/1.2	None	56C	5/8	1 7/8	23	576.72
G582	3/4	208-230/460/3	1800	3.0/1.5	None	56C	5/8	1 7/8	25	631.03
D392	3/4	208-230/460/3	3600	3.2/1.6	None	56C	5/8	1 7/8	23	528.03
G583	1	208-230/460/3	1800	3.6/1.8	None	56C	5/8	1 7/8	28	644.13
G585	2	208-230/460/3	1800	5.8/2.9	None	56HC	5/8	1 7/8	41	765.83
D395	2	208-230/460/3	3600	6.0/3.0	None	56HC	5/8	1 7/8	30	810.78

INTEGRAL HEAVY DUTY 3 PHASE



PREMIUM EFFICIENT, T FRAME, OPEN DRIP PROOF

Features

- Inverter compatible for variable torque
- Class F Insulation, Class B Rise At Service Factor
- "CE" Mark On Nameplate
- 40°C Ambient, NEMA® Design B Performance On 60 Hz Sine Wave Power
- Regreasable Bearings 180 Frame and up
- Service factor 1.15
- F1 Assembly Position except where noted
- Lifting Provisions
- Conversion Kits: Drip Cover Kits
- *G suffix: includes shaft grounding brush to protect the bearings from damaging voltages that can be generated by a VFD.

Applications

- Compressors
- Fans
- Pumps
- Material Handling
- Other general purpose applications where contaminants are minimal



Part No.	HP	Voltage	RPM	Amps	Frame	Shaft (In.)		Efficiency	Wt./Ea. (Lbs.)	Price
						Dia.	L			
D32P2D	1 1/2	208-230/460/3	1750	4.4-4.2/2.1	145T	7/8	2	86.5	40.0	591.36
D2P2D	2	208-230/460/3	1800	5.9-5.5/2.8	145T	7/8	2	86.5	35.0	648.86
D3P2D	3	208-230/460/3	1800	8.4-7.8/3.9	182T	1 1/8	2 3/4	89.5	50.0	689.54
D5P2D	5	208-230/460/3	1800	13.8-13.0/6.5	184T	1 1/8	2 3/4	89.5	60.0	743.18
D5P2DG ¹	5	208-230/460/3	1800	13.8-13.0/6.5	184T	1 1/8	2 3/4	89.5	60.0	1272.32
D7P2D	7 1/2	208-230/460/3	1800	20.2-18.5/9.3	213T	1 3/8	3 3/8	91.0	105.0	1086.98
D7P2DG ¹	7 1/2	208-230/460/3	1800	20.2-18.5/9.3	213T	1 3/8	3 3/8	91.0	105.0	1604.48
D10P2D	10	208-230/460/3	1800	26.3-23.8/11.9	215T	1 3/8	3 3/8	91.7	133.0	1322.46
D10P2DG ¹	10	208-230/460/3	1800	26.3-23.8/11.9	215T	1 3/8	3 3/8	91.7	133.0	1832.04
D15P2D	15	208-230/460/3	1800	40.0-37.0/18.3	254T	1 5/8	4	93.0	150.0	1808.00
D15P2DG ¹	15	208-230/460/3	1800	40.0-37.0/18.3	254T	1 5/8	4	93.0	150.0	2557.84
D20P2D	20	208-230/460/3	1800	54-49/24.4	256T	1 5/8	4	93.0	160.0	2318.86
D20P2DG ¹	20	208-230/460/3	1800	54-49/24.4	256T	1 5/8	4	93.0	160.0	3051.44
D25P2D	25	208-230/460/3	1800	64-58/29	284T	1 7/8	4 5/8	93.6	225.0	2808.00
D25P2DG ¹	25	208-230/460/3	1800	64-58/29	284T	1 7/8	4 5/8	93.6	225.0	3588.22
D30P2D	30	208-230/460/3	1800	77-69/34	286T	1 7/8	4 5/8	94.1	250	3333.36
D30P2DG ¹	30	208-230/460/3	1800	77-69/34	286T	1 7/8	4 5/8	94.1	250	4095.82

¹ VFD Duty

● Ball Bearing

BELT DRIVE GENERAL PURPOSE

INTEGRAL HEAVY DUTY 3 PHASE



GT0010

PREMIUM EFFICIENT, T FRAME, OPEN DRIP PROOF

Features

- 3 phase—single speed
- Open drip-proof construction
- Rigid base
- Continuous duty
- Inverter compatible for variable torque
- NEMA premium efficiency
- E-Plus 3 motors: exceed the requirements of the Energy Policy Act of 1992.

Applications

- Compressors
- Fans
- Pumps
- Conveyors



Part No.	HP	Voltage	RPM	Amps	Frame	Shaft (In.)		Efficiency	Wt./Ea. (Lbs.)	Price
						Dia.	L			
GT0010	3	208-230/460/3	1800	8.4-7.8/3.9	182T	1 1/8	2 3/4	89.5	78	693.65
GT0013	5	208-230/460/3	1800	13.6-12.4/6.2	184T	1 1/8	2 3/4	89.5	88	747.56
GT0016	7 1/2	208-230/460/3	1800	20.7-19.0/9.5	213T	1 3/8	3 3/8	91	163	1093.40
GT0019	10	208-230/460/3	1800	26.9-	215T	1 3/8	3 3/8	91.7	222	1330.31



T FRAME, PREMIUM EFFICIENT, TEFC

Features

- Totally Enclosed Air Over
- Totally Enclosed Air Over
- Shaft Slinger On Pulley End
- Inverter duty rated for variable torque
- 40°C Ambient, NEMA® Design B Performance On 60 Hertz Sine Wave Power
- Double Shielded Bearings
- Dual Voltage Ratings Suitable For Part Winding Start On Low Voltage
- Suitable For Wye-Delta Start 250 Frame and Larger
- Conversion Kits: C&D Flanges, Drip Cover and Brakes

Applications

- Blowers
- Fans
- Pumps
- Compressors



Part No.	HP	Voltage	RPM	Amps	Frame	Shaft (In.)		Efficiency	Wgt. Ea. (Lbs.)	Price
						Dia.	L			
U1P2D	1	208-230/460	1755	3.1-3/1.5	143T	7/8	2 1/4	85.5	76.0	537.14
U2P2D	2	208-230/460	1800	5.9-5.7/2.8	145T	7/8	2 1/4	86.5	45.0	652.70
U3P2D	3	208-230/460	1800	8.4-7.8/3.9	182T	7/8	2 1/4	89.5	60.0	860.94
U5P2D	5	208-230/460	1800	13.6-12.3/6.2	184T	1 1/8	2 3/4	90.2	70.0	1000.64
U7P2D	7.5	208-230/460	1800	20-18.2/9.1	213T	1 3/8	3 3/8	91.7	110.0	1368.88
U10P2D	10	208-230/460	1800	26.5-23.9/12	215T	1 3/8	3 3/8	91.7	133.0	1653.36
U15P2D	15	208-230/460	1800	40-37.0/18.4	254T	1 5/8	4	92.4	240	2283.18
U20P2D	20	208-230/460	1770	53-47/23.5	256T	1 5/8	4	93.0	250	2814.00



Features

- NEMA "T" frame
- Open drip-proof construction
- Inverter duty rated for variable torque
- Reversible

Applications

- Air handlers
- Fans
- Pumps
- Air compressors



Part No.	HP	Voltage	RPM	Amps	Frame	Shaft (In.)		Efficiency	Service Factor	Wt./Ea. (Lbs.)	Price
						Dia.	L				
U758	1	208-230/460/3	1800	3.2/1.6	143T	7/8	2 1/4	85.5	1.15	30	866.94
U759	1 1/2	208-230/460/3	1800	4.8-5.6/2.4	145T	7/8	2 1/4	86.5	1.15	35	904.40
U760	2	208-230/460/3	1800	5.8/2.9	145T	7/8	2 1/4	86.5	1.15	37	1024.24

● Ball Bearing

REFRIGERATION REPLACEMENTS

OEM CATALOG

REFRIGERATION

More OEM replacements are available, please contact your local branch for additional information.

AAON

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
OAN470	1/4	460/1	3200	0.9	CCWLE	5µf, 370V	5 5/8	5.49	S/B	1/2	3 1/4	Century	P48470, P63010, P85460, R17470, P99140, P84521	449.81
OAN010	1/3	460/1	1100	1.0	CCWLE	7.5µf, 370V	5 5/8	4.74	S/B	1/2	3 1/4	Century	F48A11A27C	469.54
OAN460	3/4	208-	1075	5.4	CCWLE	15µf, 370V	5 5/8	7.36	B	1/2	3	Century	F48K44A27C	514.37
OAN747	3/4	460/1	1075	2.0	CCWLE	15µf, 370V	5 5/8	7.11	B	1/2	3 1/4	Century	F48U09A27	720.79
OAN140	3/4	460/1	1075	2.75	CCWLE	12.5µf, 370V	5 5/8	6.36	B	1/2	4	Century	F48R38A27C	708.94
OAN1076	3/4	460/1	1075	2.6	CCWLE	12.5µf, 370V	5 5/8	6	B	1/2	4	Century	F48F37A27, F48SP6V9, 1464	514.37
OAN1076V1	3/4	460/1	1075	2.8	CCWLE	12.5µf, 370V	5 5/8	7 3/8	B	1/2	2 7/8	Century	F48K04A27	514.37

COPELAND

Item	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
NRP254V	35W	115/1	1550	1.4	CWOSE	—	3 7/8	3 1/3	H, RB	1/4-20 Thd.	1/2	NRP	050026700	127.80
NRP258V	50W	115/1	1550	1.7	CWOSE	—	3 7/8	3 1/2	H, RB	3/8	1 1/2	NRP	050024401	157.16
NRP260V	50W	208-230/1	1550	0.85	CWOSE	—	3 7/8	3 1/2	H, RB	3/8	1 1/2	NRP	050024400	171.16
UE276	50W	230/1	1550	0.85	CCWLE	—	3 7/8	3 3/4	H, RB	5/16	2 1/2	Century	050026400	217.94
UE174	1/6	208-230/1	1625	1.0	REV	5µf, 370V	5 5/8	4	S/B	1/2	2 1/2	Century	050024200	358.89
6124E	1/4	230/1	1550	2.1	CWLE	Furnished, 5µf, 370V	5 5/8	4.06	B	1/2	3	US Motors	050023800	368.28
OCP0108	1/3	208-230/1	1625	2.6	CWOSE	Furnished, 5µf, 370V	5 3/4	5 3/4	B	1/2	2 1/4	Century	050010800, 950010800	365.37

HEATCRAFT

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
1EM1152XB	1/15	115/1	1550	2.1	CWSE	—	3 3/8	2 7/8	S/B	5/16	3	IRP	N/A	83.38
2EM1152XB	1/15	208-230/1	1550	1.1	CWSE	—	3 3/8	3 3/8	S/B	5/16	3	IRP	N/A	87.64
9215L	1/25, 1/20, 1/15	120/1	1625	1.2	CWSE	—	5	2.85	S	5/16	2.95	Century	25307801	452.35
9215H	1/25, 1/20, 1/15	208-230/1	1625	0.7	CWSE	—	5	2.85	S	5/16	2.95	Century	25307701	452.35
9216L	1/25, 1/20, 1/15	120/1	1625	1.2	CCWSE	—	5	2.85	S	5/16	2.95	Century	2531194	452.35
9216H	1/25, 1/20, 1/15	208-230/1	1625	0.7	CCWSE	—	5	2.85	S	5/16	2.95	Century	2531195	452.35
D1125	1/12	208-230/1	1550	0.5	CCWSE	Furnished	3 3/8	3 3/4	S/B	5/16	2 5/8	Fasco	7071061	165.41
9721	1/12	115/208-230/1	1550	1.1/0.5	REV	Furnished	3 3/8	3 5/8	S/B	5/16	2 3/4	Fasco	25308601, 25309101	118.95
4960E	1/3	208-230/1	1075	2.2	REV	Furnished 7.5µf, 370V	5 5/8	4 7/8	CB	1/2	5	US Motors	7071607	448.92

HILL

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		
UE160	1/3	208-230/1	1625	3.0	REV	Furnished	5 5/8	4 3/4	CB	1/2	3 1/2	Century	365.72
OHR1034	1/3	208-230/1	1625	2.9	CWLE	Furnished	5 5/8	4 15/16	CB	1/2	3 1/2	Century	390.10
OHR1106	1	208-230/1	1075	6.4	REV	15µf, 370V	5 5/8	5 7/16	CB	1/2	3 3/4	Century	613.71

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

MOTORS & ACCESSORIES

REFRIGERATION REPLACEMENTS

OEM CATALOG

HILL PHOENIX

Part No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
00852 ●	15W	115/1	1600	2.1	CCWSE	ECM	BC 3.72	4	S	—	—	Elco	P078449H	211.48
00858 ●	10W	115/1	1550	0.19	CCWSE	ECM	BC 3.72	3.61	S	—	—	Elco	P079441C	223.84

HUSSMANN

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
UE9211	13W	115/1	1725	0.47	CWOSE	—	3 1/2	2.93	RH-FP	1/4-20 Thd	.425	Century	4410547	297.17
UE174	1/6	208-230/1	1625	1.0	REV	5µf, 370V	5 5/8	4	S/B	1/2	2 1/2	Century	050024200	358.89
1648E ●	1/5	208-230/1	1075	2.0	CWLE	Furnished, 4µf, 370V	5 5/8	4 3/8	S/B	1/2	2 1/2	US Motors	PO1-96203	371.30
OHS10206 ●	1/5	208-230/1	1075	1.3	CCWSE	Furnished	—	4 1/8	—	1/2	3	Century	P011-96203	335.85
644E ●	1/2	208-230/1	1725	2.7	CWLE	Furnished, 5µf, 370V	5 5/8	5	S	1/2	3 1/2	US Motors	259983	380.44
K114	1/500	115/1	1100	0.64	CCWSE	—	—	—	S	0.181	1 3/4	Fasco	301-5734	87.47

KRACK

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
D1189 ●	1/20	115/208-230/1	1550	1.4/0.76	CWSE	—	3 3/8	3 1/8	LM	5/16	1 3/4	Fasco	11528 (115V) 11529 (230V)	239.57
9631	1/15	115/1	1630	2.5	CWSE	—	3 3/8	3 5/8	S	5/16	1 1/2	Century	E206444	178.68
9632	1/15	208-230/1	1550	1.2	CWSE	—	3 3/8	3 5/8	S	5/16	1 1/2	Century	E206445	178.68
9633	1/15	115/1	1640	0.8	CWSE	Furnished	3 3/8	3 5/8	S	5/16	1 1/2	Century	E206447	264.15
9634	1/15	208-230/1	1640	0.4	CWSE	Furnished	3 3/8	3 5/8	S	5/16	1 1/2	Century	E206448	264.15
OKR1096 ●	1/2	208-230/460/3	1140	1.9/0.9	REV	—	6 1/2	9 1/4	B	5/8	2	Century	11096	633.09
OKR1503 ●	1	200-230/460/3	850	4.0/2.0	REV	—	6 1/2	10 1/4	B	5/8	3 1/4	Century	11503	824.55

KRAMER TRENTON

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
D1152	1/20	115/1	1550	2.1	CWSE	—	3 3/8	2 7/8	S/B	5/16	2 1/3	Fasco		144.52
D1154	1/20	230/1	1550	1.0	CWSE	—	3 3/8	3 1/8	S/B	5/16	2 1/3	Fasco		157.90
UE469	1/12	115/230/1	1050	2.7/1.3	CWSE	—	5	3 1/4	S/B	1/2	3 1/3	Century		442.62
C662 ●	3/4	208-230/460/1	1075	4.2/2.1	REV	Furnished	6 1/2	9.5	CB	5/8	2 3/4	Century		877.65

MCQUAY

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM		
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price	
D1144	1/25	115	1200	1.10	CWSE	4µf, 370V	3 3/8	4 3/4	CR	5 5/8	3/8	5 3/5	Fasco	McQuay	279.67
UE342	1/15	115/230	1550	1.60/0.81	CWSE	—	3 3/8	3 3/4	S	—	5/16	2	Century	—	193.25
D1141	1/15	115	1000	1.70	DS	4µf, 370V	3 3/8	4 3/4	CR	5 3/5	3/8	5 3/5	Fasco	—	393.15
D1140	1/10	115	1500	2.20	DS	7.5µf, 370V	3 3/8	4 3/4	CR	5 3/5	3/8	5 3/5	Fasco	879-38256-4B-00	404.83

TECUMSEH

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
							Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
D475	1/15	460/1	1550	0.6	CCWSE	—	3.91	4 1/2	S	5/16	2 1/2	Fasco	810G037A47	276.12
D9487	1/12	230/1	1500	1.3	CCWSE	—	3.91	4 7/8	B	5/16	2 1/8	Fasco	810E026A81	353.79
OTC1862 ●	1/4	230/1	1625	1.9	CWLE	Furnished	5 5/8	4 3/8	LM	1/2	2 3/4	Century	810E186A82	310.20
OTC1864 ●	1/4	460/1	1625	—	CWLE	Furnished	5 5/8	4 3/8	LM	1/2	2 3/4	Century	810E186A83	330.80

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

RH = Rear Hub

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

FP = Foot Pads

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

TYLER

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
S3042	1/4	230/1	1625	1.7	CCWOSE	Furnished	5 5/8	5 1/2	CB	1/2	1 1/2	GE	1067.70
OTY1024	1/4	208-230/1	1625	1.9	CWSE	Furnished	5 5/8	4 5/8	—	1/2	3	Century	352.96

HVAC

More OEM replacements are available, please contact your local branch for additional information.

ACME ENGINEERING

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
UE599	1/10	115/1	1550	3.0	CCWSE	—	5	3 3/4	S/B	1/2	2 13/20	Century	444.05

AMANA

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
A180	1/30	115/1	3400	1.8	CCW	—	3 3/8	—	BA	—	—	Fasco	330.03
A129	1/20	115/1	3250	1.95	CWSE	—	3 3/8	—	BA	—	—	Fasco	409.83
A160	—	115/1	3000	1.6	CWSE	—	3 3/8	—	BA	—	—	Fasco	332.76

AMERICAN AIR FILTER

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
D827	1/8	115/1	700	2.5	CCWSE	Furnished, 5µf, 370V	5 5/8	5 1/2	CB	1/2	1 1/2	Fasco	519.20
D829	1/4	115/1	825	3.8	REV	Furnished, 5µf, 370V	5 5/8	5 5/8	CB	1/2	1 1/2	Fasco	552.47
9618A	1/4	115/1	1075	3.0	CWLE	Furnished, 7.5µf, 370V	5 5/8	5	CB	1/2	1 1/2	Century	431.44

ARMSTRONG

See Evans-Armstrong page 53

BROAN

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
K610	1" stack	115/1	3000	0.9	CCWSE	—	C-frame	—	S	.217	1 1/3	Fasco	70.80
K612	1" stack	115/1	3000	0.8	CWSE	—	C-frame	—	S	1/4	2 2/5	Fasco	66.05
D1087	1/12	115/1	1050	2.9	CWSE	—	5	2 5/8	LM	1/2	2 1/3	Fasco	235.28

BUTLER-VENTAMATIC

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
404	1/15	115/1	1075	2.1	CWSE	—	5	2 1/4	B	1/2	3	Ventamatic	293.80
400	1/9	115/1	1050	4.5	CWSE	—	5	2 5/8	B	1/2	3	Ventamatic	168.20
401	1/10	115/1	1050	3.4	CWSE	—	5	2 1/4	B	1/2	3	Ventamatic	149.86
XE3.4W/EARS	1/10	115/1	1050	3.4	CWSE	—	5	2 1/4	LM	1/2	3	Ventamatic	199.52

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

HVAC REPLACEMENTS

OEM CATALOG

MOTORS & ACCESSORIES

CARRIER

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (in.)			Motor Mfg.	OEM Part No.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	L			
65569	25 MHP	115/1	3000	1.8	CWOLE	—	—	—	DI	5/16	1	1 7/8	Packard	HC21ZE117B	151.84
65570	25 MHP	115/1	3000	0.8	CWOLE	—	—	—	DI	5/16	1	1 7/8	Packard	HC24HE230	163.20
UE570	1/20	115/230/1	3000	1.8/0.9	CWSE	—	3 3/8	6	S	1/4	2 1/2	—	Century	HC24AU600 HC24AU701	369.81
UE571	1/20	115/230/1	3000	1.8/0.9	CCWSE	—	3 3/8	6	S	1/4	2 1/2	—	Century	HC24AU700 HC24AU710	367.25
UE579	1/50	115/1	3300	1.4	CWSE	—	3 3/8	3 1/4	LM	5/16	2 1/4	—	Century	JA1M086	196.08
UE580	1/20	115/1	3300	1.8	CWSE	—	3 3/8	3 3/4	LM	5/16	2 1/8	—	Century	JA1P053	204.03
UE778	1/16	208-230/1	3450	0.4	CWSE	Furnished	3 3/8	6	S	1/4	3 3/4	—	Century	HC30GU208A HC30GU209A HC24AU231	347.72
UE660	1/15	230/460/1	3450	1.0/0.5	CWSE	—	3 3/8	6	S	1/4	2 1/4	—	Century	HC24AU725A	398.97
D1174	1/15	460/1	3450	0.6	CWSE	—	3 3/8	6 3/4	S	1/4	2 1/2	—	Fasco	HC24AU725	335.79
D864	1/6	208-230/1	1040	1.3	DS	3µf, 370V	5 5/8	3 3/4	LM	1/2	2 1/8	7 1/4	Fasco	—	443.45
D848	1/5	277/1	1040	1.1	DS	3µf, 370V	5 5/8	3 1/2	LM	1/2	3	7	Fasco	HC37MB730	571.36
D844	1/4	230/1	1625	1.5	CWSE	4µf, 370V	5 5/8	3 1/2	LM	1/2	3	—	Fasco	HC37ME268	314.74
D843	1/4	208-230/1	1075	2.2	REV	5µf, 440V	5 5/8	4	LM	1/2	4 1/4	—	Fasco	HC39ML706 HC39ME720	348.69
OCD1056	1/2	208-230/1	1075	4.0	CWSE	7.5µf, 370V	5 5/8	7 7/16	B	1/2	4	—	Century	HC44ML200 HC44SL230	503.06
OCA1056	1/2	200-230/460/1	1050	4.6/2.3	REV	7.5µf, 440V	5 5/8	6 5/16	LM	1/2	1 1/2	—	Century	HC44VL610 HC43VL460A	682.73
OCA3076	3/4	208-230/3	1140	3.8	REV	—	5 5/8	8 3/4	B	1/2	3	—	Century	HD46GK230	946.74
OCA3076H	3/4	460/3	1140	1.9	REV	—	5 5/8	8 3/4	B	1/2	3	—	Century	HD46GK460	954.02
H978V1	—	208-230/460/575/3	1140	5.5	REV	—	6 1/2	11 1/2	B	5/8	3 1/2	—	Century	N/A	1441.56
H980	3	208-230/460/3	1725	10.6/4.8	REV	—	6 1/2	15	RB	7/8	2 1/3	—	Century	HD60FK651	1646.16
H979	5	208-230/460/3	1725	15.0/7.4	REV	—	6 1/2	16	RB	7/8	2 1/3	—	Century	HD60FK652	2046.66

CHROMALOX

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor Mfg.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	L		
UE657	1/20	208-240/480/1	1550	0.75/0.34	CCWSE	—	4 5/16	3 3/4	S	5/16	3 1/2	—	Century	385.00

COLEMAN

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor Mfg.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	L		
UE98	1/8	115/1	1050	5.1	CWSE	—	5	4 1/4	TH	1/2	3 11/16	—	Century	298.25

DUNHAM BUSH

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor Mfg.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	L		
D1055	1/12	115/1	1375	1.4	DS	Furnished	5	3	CB	1/2	9	—	Fasco	319.63
FB1056	1/2	208-230/460/1	1075	4.0/2.0	REV	7.5µf @ 370V	5 5/8	8.69	CB	1/2	4 1/2	—	Century	532.99

DUOTHERM

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor Mfg.	OEM Part No.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	L			
UE584	1/8	115/1	1050	4.2	CWSE	—	5	3 3/4	FX	1/2	4	—	Century	3-14708	363.57
UE585	1/6	115/1	1050	7.9	CWSE	—	5	4 1/4	FX	1/2	4	—	Century	3-14826	384.19

"A" = Case Length

All Motors are Single Phase Except Where Noted

● Ball Bearing

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

EVANS-ARMSTRONG

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
66404	—	115/1	3200	1.2	—	—	—	—	BA	—	—	Packard	389.34

FIRST CO

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)			Motor	OEM	Price
							Diameter (In.)	Dim. (In.)		L	Dia.	L	Mfg.	Part No.	
UE748	1/6	120	1550	3.70	DS	Furnished	5	3 1/2	CR	8	1/2	8	Century	M25	299.18
OFC1024	1/4	208-230	1625	1.80	DS	Furnished	5	3 9/16	CR	7 3/5	1/2	7 3/5	Century	M10	295.81

GE/TRANE

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	OEM	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	Part No.	
OTR4513	1/8	230/1	1550	0.9	CWSE	Furnished	5	3 3/8	B	1/2	3	Century	D136768P01	253.64

GREENHECK FAN

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	
D1061	1/20	115/1	1550	2.0	CCWSE	—	4 7/16	4 1/8	S	1/2	2 7/10	Fasco	383.99
X261	1/8	115/1	825	2.1	—	Furnished	5 5/8	5 1/2	S	1/2	2 1/2	Marathon	365.12
X260	1/6	115/1	1140	2.2	—	Furnished	5 5/8	5 1/4	S	1/2	2 1/2	Marathon	346.40

ICP/HEIL

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	OEM	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	Part No.	
UE776	1/50	208-230/1	3200	0.4	CWLE	—	3 3/8	N/A	BA	—	—	Century	1050144	220.35
UE673	1/50	115/1	3000	1.0	CWSE	—	3 3/8	2 3/4	BA	—	—	Century	51-21504-01	210.24
UE743	1/6	208-230/1	825	1.1	CWSE	5µf, 370V	5 5/8	4 1/2	S/B	1/2	2 1/2	Century	22191503	311.21
UE690	1/6	208-230/1	1100	1.0	CCWSE	5µf, 370V	5	4 1/4	S/B	1/2	1 3/4	Century	1052662	341.03
UE744	1/3	208-230/1	1075	2.3	CCWLE	5µf, 370V	5 5/8	4 1/2	S/B	1/2	2 3/4	Century	22191502, 24346301	271.19
A148	1/50	208-230/1	3000	0.5	CCWSE	—	3 3/8	—	BA	—	—	Fasco	7021-9237	300.19
A171	1/25	115/1	3450	0.7	CCWSE	Furnished	3 3/8	—	BA	—	—	Fasco	7062-4783, 1011412	432.97
A173	1/18	115/1	3450	0.8	CCWSE	Furnished	3 3/8	—	BA	—	—	Fasco	7062-4578, 1011350	516.76

HONEYWELL AIR CLEANER

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	OEM	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	Part No.	
D1054	1/12	115	1050	3.10	CWSE	—	5	2 5/8	B	1/2	2 1/2	Fasco	190386A	314.08

ILG

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)		Motor	OEM	Price
							Diameter (In.)	Dim. (In.)		Dia.	L	Mfg.	Part No.	
D1039	1/10	115/1	1610	3.1	CCWSE	—	4 5/16	4 1/2	S/B	1/2	2 1/3	Fasco	78-27-611N	356.51

INTERTHERM

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Shaft (In.)			Motor	Price
							Diameter (In.)	Dim. (In.)		L	Dia.	L	Mfg.	
UE97	1/12	115/1	1050	4.0	CWSE	—	4 5/16	4	OEM	2 3/4	3/8	—	Century	467.04
BL6423	1/8	115/1	1050	5.0	CCWLE	—	5	4	B	3 3/4	1/2	—	Century	269.70
D871	1	230/1	1625	6.6	DS	10µf, 370V	5 5/8	5 1/4	CB	8	1/2	6 3/4	Fasco	311.73

JANITROL

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor	"A"	Mounting	Mfg.	Price
							Diameter (In.)	Dim. (In.)			
A073	1/40	115/230	3000	0.80/0.50	CCWSE	—	3 3/8	—	BA	Fasco	319.78

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

HVAC REPLACEMENTS

OEM CATALOG

JENNAIR

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
						Diameter (In.)	"A" Dim. (In.)		Dia.	L			
UE78*●	1/15	115/1	1550	2.1	CWSE	4 5/16	4 1/2	S	3/8	2 1/2	Century	80CR	451.29
UE484	1/15	115/1	1550	2.3	CCWSE	4 5/16	3	S	3/8	2 1/2	Century	—	314.72

LENNOX

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor Mfg.	OEM Part No.	Price
							Diameter (In.)	"A" Dim. (In.)		L	Dia.	L			
A213	1/25	115/1	3200	2.1	CCWSE	—	3 3/8	—	BA	—	—	—	Fasco	18L0401	367.33
A320	1/60	115/1	3000	0.8	CCWSE	—	—	—	BA	—	—	—	Fasco	27K6101	244.56
442C	1/6	208-230/1	1075	0.95	REV	5µf, 370V	5 5/8	3 1/2	CR-S	5 1/2	1/2	—	Century	P-8-3132	278.54
D818	1/3	115/1	825	7.3	CWSE	12.5µf, 370V	5 5/8	6 3/4	CR	3	1/2	—	Fasco	P-8-8325	571.36
8052E	1/3	230/1	825	1.9	CWSE	15µf, 370V	5 5/8	4 4/5	FX	2 1/2	1/2	—	US Motors	65G5901	283.56
OLE1036A	1/3	115/1	1075	6.0	CCWLE	5µf, 370V	5 5/8	4 1/4	CR	4 1/4	1/2	—	Century	P-8-7505, P-8-9450	336.97
OLE1038V1	1/3	230/1	825	2.8	REV	4µf, 370V	5 5/8	5 13/16	CR	3 7/16	1/2	—	Century	—	440.83
UE9405 ●	3/4	115/1	1075	10.4	CCWLE	40µf, 370V	5 5/8	5 1/4	CR	3	1/2	—	Century	28F0101	477.92
8066E	3/4	230/1	1075	4.5	CCWLE	10µf, 370V	5 5/8	5	CR	2 1/2	1/2	—	US Motors	78F9201	342.40
LX7930	3/4	460/1	1075	2.3	CWSE	20µf, 370V	5 5/8	5 5/16	CR	2 1/2	1/2	—	US Motors	43G5201	374.38
D2816 ●	1	115/1	1075	11.8	REV	20µf, 370V	5 5/8	7 3/4	CR	4	5/8	—	Fasco	P-8-8326	572.64
OLE1106 ●	1	230/1	1075	5.0	CCWLE	20µf, 370V	5 5/8	5 7/8	B	4	5/8	—	Century	88C7401	812.31
OLE1106H ●	1	460/1	1075	2.9	CCWLE	15µf, 370V	5 5/8	6 1/2	B	4	5/8	—	Century	88C7301	812.31
66401	—	115/1	3000	1.3	CWLE	—	—	—	BA	—	—	—	Packard	88K8401	177.66

LIEBERT

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L			
C663 ●	3/4	208-230/460/1	1100	4.2/2.1	CWSE	Furnished	6 1/2	9.5	CB	5/8	4 3/8	Century	B095D	1171.26
2193E ●	3/4	208-230/460/1	1075	4.8/2.5	CWSE	30µf, 440V	6 1/2	7.8	CB	5/8	4	Emerson	B095D	1107.86

LOMANCO

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
						Diameter (In.)	"A" Dim. (In.)		Dia.	L			
OLM6151	1/10	115/1	1550	4.4	CCWLE	5	2 7/8	LM	1/2	1 11/16	Century	—	336.14

MAGIC CHEF

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L			
OMC6517	1/5	208-230/1	1075	1.5	CCWSE	5µf, 370V	5	4 1/8	S/B	1/2	3 5/16	Century	35035B001	305.76

MID CONTINENT

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM Part No.	Price
						Diameter (In.)	"A" Dim. (In.)		Dia.	L			
UE357	1/30	115/1	3000	1.1	CWSE	3 3/8	4 3/4	OEM	1/4	1 1/2	Century	—	242.69

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

MILLER

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
						Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
OML6418	1/7	115/1	1050	4.7	CWSE	5	3 3/8	CR	1/2	3 7/16	Century	301543	243.35

NUTONE

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
						Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
UE541	1/80	115/1	3000	0.55	CWSE	3 3/8	2 1/2	H	1/4	2	Century	16653	114.74

PENN VENTILATOR

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM	
						Diameter (In.)	"A" Dim. (In.)		Dia.	L		Part No.	Price
D342	1/15	115/1	1050	2.3	CWSE	5	2 5/8	S	3/8	2	Fasco	7151-3081, 7151-3565	260.79

REZNOR

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM		
						Capacitor	Diameter (In.)		"A" Dim. (In.)	Dia.		L	Part No.	Price
D404 ●	1/10	208-230/1	3200	0.8	REV	Furnished	3 3/8	4 1/4	S	5/16	3 1/4	Fasco	125672	495.73
D405 ●	1/10	115/1	3200	0.43	REV	Furnished	3 3/8	4 1/4	S	5/16	3 1/4	Fasco	—	495.73
D461	1/8	480/1	3200	0.32	CCWSE	Furnished	3 3/8	4 1/4	S	5/16	3 1/3	Fasco	—	424.38

RHEEM/RUUD

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)		Motor Mfg.	OEM		
						Capacitor	Diameter (In.)		"A" Dim. (In.)	Dia.		L	Part No.	Price
K628	1/200	208-230/1	3000	0.25	CWSE	—	Stack	4 5/16	BR	1/4	1 1/2	Fasco	51-21964-01	179.96
66847 ●	1/30	115/1	3000	1.71	CCWLE	—	3.3	1 1/2" Stack	BA	—	—	Packard	70-22838-82 70-24157-03	292.96
UE673	1/50	115/1	3000	1.0	CWSE	—	3 3/8	2 3/4	BA	—	—	Century	51-21504-01	210.24
UE577	1/50	115/1	3000	1.0	CWLE	—	3 3/8	N/A	BA	—	—	Century	21504-01-04	186.59
A241	1/25	208-230/1	3200	0.62	CWSE	Furnished	3 3/8	—	BA	—	—	Fasco	7021-9567, 70-23641-81	347.56
A136FASCO	1/20	115/1	3450	0.75	CWSE	4µf, 370V	3 3/8	—	BA	—	—	Fasco	—	546.05
A086	1/25	115/1	3200	1.3	CWSE	—	3 3/8	—	BA	—	—	Fasco	—	301.94
A090	1/45	115/1	3000	1.1	CWSE	—	3 3/8	—	BA	—	—	Fasco	70-21496-01	318.87
D2844	1/10	208-230/1	825	0.8	CWSE	3µf, 370V	5 5/8	3 3/4	TH (4)	1/2	4 1/5	Fasco	51-20761-11	466.05
ORM1008	1/8	208-230/1	825	0.7	REV	5µf, 370V	5 5/8	4 3/16	TH (4)	1/2	4 13/16	Century	21276-01	247.87
ORM1008V1	1/8	208-230/1	825	1.4	CCWLE	5µf, 370V	5 5/8	3 7/8	TH (8)	1/2	2 5/8	Century	51-23101-05	310.07
ORM10206V1	1/5	208-230/1	1075	1.4	REV	3µf, 370V	5 5/8	3 3/4	TH (4)	1/2	4 1/4	Century	51-21853-82	222.07
ORM1036	1/3	208-230/1	1075	2.2	REV	7.5µf, 370V	5 5/8	4 3/8	S/B	1/2	5 1/2	Century	51-20688-01	236.29
UE796	1/3	460/1	1075	1.3	REV	5µf, 370V	5 5/8	4 1/2	TH (4)	1/2	4	Century	51-21853-84	320.85
D806	1/2	115/1	1075	7.3	REV	5µf, 370V	5 5/8	4 3/4	TH (8)	1/2	3 3/4	Fasco	51-23012-41	220.04
UE794	3/4	115/1	1075	12.4	REV	15µf, 370V	5 5/8	6	TH (8)	1/2	5	Century	51-23017-41	449.21

SEARS/WHIRLPOOL

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)			Motor Mfg.	OEM		
						Capacitor	Diameter (In.)		"A" Dim. (In.)	L	Dia.		L	Part No.	Price
D323	1/15	115/1	1550	1.1	DS	3µf, 370V	3 3/8	3 3/4	S/B	2 7/10	5/16	2 7/10	Fasco	—	264.38

SINGER

Catalog No.	HP	Volts	RPM	Amps	Rotation	Motor		Mounting	Shaft (In.)			Motor Mfg.	OEM		
						Capacitor	Diameter (In.)		"A" Dim. (In.)	L	Dia.		L	Part No.	Price
UE595	1/8	277/1	1075	0.8	REV	5µf, 370V	5	3 3/4	CR	6 1/2	1/2	—	Century	K47HT-605	408.75
WE246T	1/6	277	1075	0.9	REV	Furnished	5 5/8	4	CR	8	1/2	—	Fasco	—	260.21

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

More OEM replacements available; contact your nearest branch location.

HVAC REPLACEMENTS

OEM CATALOG

MOTORS & ACCESSORIES

TRANE

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor		OEM	Price
							Diameter (In.)	"A" Dim. (In.)		L	Dia.	L	Mfg.	Part No.		
66787	—	115/1	3000	1.2	CCWLE	—	—	1 3/8" Stack	BA	—	—	—	Packard	BLW473	206.44	
A069	1/70	208-240/1	3000	0.5	CCWSE	—	3 3/8	—	BA	—	—	—	Fasco	—	264.27	
A150	1/35	208-230/1	3480	0.5	CCWSE	—	3 3/8	—	BA	—	—	—	Fasco	C6611452P01	263.04	
A130	1/25	115/1	3450	0.7	CWSE	Furnished	3 3/8	—	BA	—	—	—	Fasco	D330757P04, D342094P04	507.17	
A274	1/24	208-230/1	3500	0.28	CWSE	Furnished	3 3/8	—	BA	—	—	—	Fasco	X38040311-01 7062-3973	805.68	
UE775	1/50	230/1	3000	0.54	CCWSE	—	3 3/8	N/A	BA	—	—	—	Century	X38050005	245.29	
UE372	1/25	115/1	1060	0.6	DS	Furnished	5	3 1/2	CR	11	1/2	11	Century	—	550.82	
UE680	1/8	115/1	775	1.5	DS	Furnished	5 5/8	5	CB	11	1/2	11	Century	MOT-711	620.44	
OTR4513	1/8	230/1	1550	0.9	CWSE	Furnished	5	3 3/8	B	3	1/2	—	Century	D136768P01	620.44	

WEIL MCLAIN

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor		Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	Mfg.	Part No.		
UE658	1/12	115/1	3170	2.3	CWSE	—	3 3/8	4 7/8	LM	5/16	1 3/4	—	Century	—	267.66

WHALEN CO.

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor		Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	Mfg.	Part No.		
UE793	1/15	115/1	1050	1.2	REV	6µf, 370V	4 5/16	4 1/8	S/B	1/2	2 1/4	—	Century	—	460.68

WILLIAMSON

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor		Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	Mfg.	Part No.		
A080	1/45	115/1	3000	1.1	CWSE	—	3 3/8	—	BA	—	—	—	Fasco	02-568	278.31
A118	1/15	115/1	3000	1.8	CWSE	—	3 3/8	—	BA	—	—	—	Fasco	—	336.25

WOOD STOVE

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor		Price
							Diameter (In.)	"A" Dim. (In.)		Dia.	L	Mfg.	Part No.		
D1138	1/50	115/1	1550	0.88	CWSE	—	3 3/8+	4	S	5/16	2 1/2	—	Fasco	—	192.78
D1139	1/50	115/1	1550	0.88	CWSE	—	3 3/8	2 13/16	S	5/16	2 1/2	—	Fasco	—	189.52

YORK

Catalog No.	HP	Volts	RPM	Amps	Rotation	Capacitor	Motor		Mounting	Shaft (In.)			Motor		OEM	Price
							Diameter (In.)	"A" Dim. (In.)		L	Dia.	L	Mfg.	Part No.		
UE770	1/70	208-230/1	3000	0.5	CCWSE	—	3 3/8	N/A	BA w/switch	—	—	—	Century	026-20224700	207.49	
UE771	1/70	208-230/1	3000	0.5	CCWSE	—	3 3/8	N/A	BA no switch	—	—	—	Century	026-22234700	182.35	
D1171	1/15	460/1	3000	0.6	CCWSE	—	3 3/8	6 3/4	S	2 1/2	1/4	—	Fasco	024-24115-004	350.92	
OYK6518	1/5	208-230/1	1075	1.4	DS	5µf, 370V	5	3 7/8	B	6 3/8	1/2	6 5/16	Century	024-177773	345.95	
OYK1056	1/2	208-230/1	1075	2.4	DS	7.5µf, 370V	5 5/8	4 1/2	B	9 7/10	1/2	9 7/10	Century	024-177775	434.68	
A137	90 CFM	115/1	3450	0.7	CWSE	Furnished, 4µf, 250V	3 3/8	—	BA	—	—	—	Fasco	02425007000	470.47	
A225	1/15	115/1	3200	2.25	CWSE	—	3 3/8	—	BA	—	—	—	Fasco	02434558000	349.48	
A144FASCO	1/40	208-230/1	3000	0.5	CWSE	—	3 3/8	—	BA	—	—	—	Fasco	—	413.58	

"A" = Case Length

Mounting Codes

B = Band Mount

BA = Blower Assembly (Draft Inducer)

BR = Bracket

CB = Cushion Base

More OEM replacements available; contact your nearest branch location.

All Motors are Single Phase Except Where Noted

CR = Cushion Rings

FX = Flex Mount

H = Hex Hubs

LM = Lug Mount

RB = Rigid Base

S = Stud Mount

● Ball Bearing

S/B = Stud or Band Mount

TH = Threaded Holes in Shell

TM = Triangle Mount

"R" = Ring Mounting Dimension

MOTOR ACCESSORIES

MOTOR BASE



Part No.	Ring Mounting (In.)	Shaft Height (In.)	Price
UE1207	4.687	2 11/16	66.75
UE2090	5.437	2 11/16	54.35
UE2061	3.917	3	40.48
UE1422	4.417	3	44.97
UE1212	4.667	3	41.78
UE1226	4.917	3	41.78
UE1292	5.167	3	41.78
UE1340	5.666	3	43.94
UE2062	3.917	3 1/2	47.72
UE1209	4.167	3 1/2	52.78
UE2044	4.417	3 1/2	29.89
UE1347	5.167	3 1/2	43.51

MOTOR BASE



Part No.	Ring Mounting (In.)	Shaft Height (In.)	Price
30386	3.86	3	18.46
30435	4.35	3	18.98
30492	4.92	3	18.46
30542	5.42	3	18.98
30705	7.05	3	18.46
35386	3.86	3 1/2	18.98
35417	4.17	3 1/2	18.46
35435	4.35	3 1/2	18.46
35492	4.92	3 1/2	18.46
35517	5.17	3 1/2	18.98
35542	5.42	3 1/2	18.98
35705	7.05	3 1/2	18.98

BASE MOUNTING PARTS



UE1180



Part No.	Description	Price
UE1220	Cushion Ring, 2 1/4"OD, Steel Band (pkg 2)	20.91
UE1182	Cushion Ring, 2 1/2"OD, Steel Band (pkg 2)	14.47
UE1219	Cushion Ring, 2 1/2"OD, Rubber (pkg 2)	22.60
UE1180	2 pc base mounting clip, screws/nuts (pkg 2)	28.09
UE1181	Spring steel base mounting clip, (pkg 2)	13.97

BASE MOUNTING PARTS



Part No.	Description	Price
KIT9	Cushion Ring, 2 1/4"OD, Steel Band (pkg 2)	13.70
KIT10	Cushion Ring, 2 1/2"OD, Steel Band (pkg 2)	13.70
KIT51	Resilient Cradle Base Kit, 56 Frame, 3 1/2" Shaft Height, 7 1/2" Hub to Hub	33.80
KIT52	2 pc base mounting clip, screws/nuts (pkg 6 sets)	57.84



LENGTH ADAPTER

Includes two brackets, 2 rubber rings, 4 adapter rings, 8-32/10-32 nuts



Part No.	Description	Price
UE1329	Length Adapter Kit, 5 5/8" Motors	59.86



KIT199

LENGTH ADAPTER



Part No.	Description	Price
KIT200	Ring/Length Adapter, 4.4 and 5.6" Motors	27.78
KIT199	Ring/Length Adapter, 5" Motors	39.24



SHAFT BUSHING



Part No.	Description	Price
UE1231	1/4" ID x 5/16" OD	8.11
UE1300	1/4" ID x 3/8" OD	13.25
UE1302	5/16" ID x 3/8" OD	9.49
UE1304	5/16" ID x 1/2" OD	18.06
UE1306	3/8" ID x 1/2" OD	9.29
UE1307	Split w 3/16 Key, 1/2" ID x 5/8" OD	7.18
UE1483	5/8" ID x 3/4" OD	14.84
UE1487	1/2" ID x 5/8" OD	9.80
UE1488	1/4-20 thread x 1/4" OD	27.04

SHAFT BUSHING



Part No.	Description	Price
KIT240	1/4" ID x 5/16" OD	28.16
KIT242	3/8" ID x 1/2" OD	28.16
KIT244	5/16" ID x 3/8" OD	29.78
KIT246	1/2" ID x 5/8" OD	30.60



LUG MOUNTING BRACKET

UE1223, UE1320, UE1377, UE1379 have 1 3/4" Lugs. UE1364, UE1366 have 4" Lugs. UE1410 lugs have both a 3/4" hole for a large mounting rubber (UE1381) and a 1/4" slot for direct mounting.



Part No.	Description	Price
UE1223	5 5/8" Motor, Bolt Circle 6 7/8"-8 1/8"	41.05
UE1410	5 5/8" Motor, Bolt Circle 6 3/8"-7 5/8", 3/4" Bolt	41.20
UE1364	5 5/8" Motor, Bolt Circle 8 1/8"-12 1/8"	46.75
UE1320	5" Motor, Bolt Circle 6 5/16"-7 9/16"	45.22
UE1366	5" Motor, Bolt Circle 7 9/16"-11 9/16"	50.88
UE1377	4 5/16" Motor, Bolt Circle 5 1/2"-6 3/4"	45.53
UE1379	3 3/8" Motor, Bolt Circle 4 5/8"-5 7/8"	46.15

ACCESSORIES

MOTOR ACCESSORIES



RING MOUNTING BRACKET

Brackets come with mounting rubbers and screws. For use on large direct drive blowers



Part No.	Description	Price
UE1386	5" Motor, Bolt Circle 9"	56.20
UE1479	5 5/8" Motor, Bolt Circle 10"	50.77
UE1495	5 5/8" Motor, Bolt Circle 11"	60.95



MOUNTING BRACKET & ADAPTERS



Part No.	Description	Price
FM50	Torsion Flex Bracket 10.18", 5" Motor	32.20
FM55	Torsion Flex Bracket, 10.18", 5 5/8" Motor	37.15
FM554	Mounting Bracket, 4 Wings Evenly Spaced, 9 or 10", 5 5/8" Motor	53.58
H33	Nu-Tone Mounting Kit, 3 3/8" Motors	20.44
KIT216	End plate, base mount for 3 3/8" Motors	12.42
KIT225	Triangular Bracket for 3 3/8" Motors	17.82
KIT265	Blower Housing Mounting Cup, 3 3/8" Motor	7.58
KIT380	Rheem Adapter Plate	22.54
KIT142	Conduit Box, 3 3/8" Motor	27.78
KIT144	Conduit Box, 4.4, 5, 5.6" Motor	27.00
KIT832	8-32 Hex Nuts for Thru-Bolts; Pkg 32	10.38



STUD MOUNT ADAPTER



Part No.	Description	Price
KIT42	Rear Stud Mount Adapter Kit, 5/8", for EC5404D/EC5405D	23.64
KIT42T	Rear Stud Mount Adapter Kit, 1 5/8", for EC5404D/EC5405D	23.64



MOUNTING RUBBER



Part No.	Description	Price
UE1381	Mounting Rubber, for 3/4" Slot (pkg of 3)	31.91
UE1376	Mounting Rubber, for 1/2" Slot (pkg of 6)	26.17



ADAPTER BASE



Part No.	Description	Price
31623901	Adapter Plate, from 182T & 184T to 213 & 215	141.30
31623902	Adapter Plate, from 213T & 215T to 254 & 256	169.14

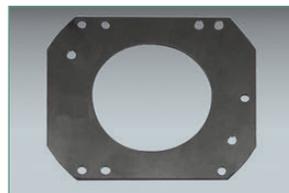


RHEEM PLATE

Used to replace mounting cables in RHEEM condensers. Same as FASCO KIT380



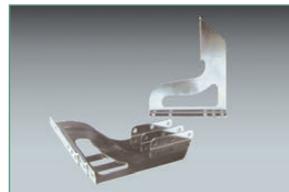
Part No.	Description	Price
UE2098	Rheem Butt Plate Kit	42.02



ADAPTER PLATE



Part No.	Description	Price
UE2118	Adapter 5" Diameter motor to 5 5/8" Bolt Pattern	12.94



RHEEM FLEX MOUNTING BRACKET



Part No.	Description	Price
A61698K	Rheem flex mounting kit, 4 brackets	32.61



ADJUSTABLE MOUNTING BRACKET



Part No.	Description	Price
A68004	Unit Bearing Motor Mounting Bracket	33.64



THRU BOLT

Thru-bolt kits include 12 nuts and lock washers of the indicated size



Part No.	Description	Price
UE1639	7" bolts, 8-32 thread (pkg of 4)	20.25
UE1640	7" bolts, 10-32 thread (pkg of 4)	21.18
UE1618	Nuts and lockwashers, 8-32 thread (pkg of 16 sets)	14.08
UE1619	Nuts and lockwashers, 10-32 thread (pkg of 16 sets)	13.42



RAINSHIELD



Part No.	Bore (In.)	Diameter (In.)	Price
RS145	1/2	6.88	7.06
RS146	5/8	6.88	7.06



CAPACITOR BRACKET



Part No.	Description	Price
UE1482	Capacitor bracket with rubber boot	18.51
UE1230	Capacitor bracket assembly	25.41



RAINSHIELD, DISHED



Part No.	Bore (In.)	Diameter (In.)	Price
UE1411	1/2	7	36.04

OEM FACTORY REPLACEMENT MOTORS

The following is a list of OEM factory replacement motors that are available for our major refrigeration equipment lines. In many cases the indicated factory part number will be found on the name plate. Major specifications are included for identity verification. You may have to consult the factory or your local United Refrigeration branch for assistance in selecting the proper replacement motor for your equipment.

BOHN



Part No.	Horsepower	Voltage	Hertz	RPM	Shaft Diameter (In.)	Rotation Type	Price
4567T	1/4	208-230/1	50/60	1075	1/2	CWSE	455.36
5000P	1/4	208-230/1	60	1075	1/2	CWSE	351.12
5001L	1/40	115/1	60	1550	5/16	CWSE	97.58
5001M	1/40	208-230/1	60	1550	5/16	CWSE	98.42
5001P	1/4	460/1	60	1075	1/2	CWSE	301.90
5002L	1/5	115/1	60	1080	1/2	CWSE	538.76
5002M	1/6	208-230/1	60	1050	1/2	CWSE	307.74
5002P	1/2	208-230/1	60	1075	5/8	CWSE	393.64
5003L	1/15	115/1	60	1050	1/2	CWSE	364.46
5003M	1/15	208-230/1	60	1050	1/2	CWSE	336.10
5003P	1/2	460/1	60	1075	5/8	CWSE	404.50
5004P	1/2	208-230/460/3	60	1140	5/8	CWSE	1179.28
5004T	1	208-230/1	60	825	5/8	CWSE	⌘
5005P	3/4	208-230/1	60	1075	5/8	CWSE	395.32
5006P	3/4	460/1	60	1075	5/8	CWSE	418.66
5008N	1/15	115/1	50/60	1550	5/16	CWSE	⌘
5008P	1/15	208-230/1	50/60	1550	5/16	CWSE	209.34
5011T	1	208-230/460/3	60	850	5/8	CWSE	753.94
5012T	1	208-230/460/3	—	825	5/8	CWSE	⌘
5013P	1/8	208-230/1	50/60	1550	3/8	CWSE	659.70
5015T	1/4	208-230/1	60	1075	1/2	CWSE	688.88
5020S	1/4	115/1	60	1075	1/2	CWSE	274.38
5020T	1/4	208-230/1	60	1075	1/2	CWSE	261.88
5021S	1/150	120/1	60	3000	0.181	CWSE	48.38
5021T	1/150	230/1	60	3000	0.181	CWSE	60.04
5023Q	1/4	460/1	60	1075	7/16	CWSE	768.12
5023T	1/4	208-230/1	60	1075	7/16	CWSE	641.34
5024D	1/4	208-230/1	60	1075	1/2	CWSE	662.20
5024Q	1/8	460/1	60	1550	3/8	CWSE	721.42
5024T	1/8	208-230/1	60	1550	3/8	CWSE	307.74
5025S	1/80	115/1	60	1550	1/4	CWSE	211.84
5026S	1/40	115/1	60	1550	5/16	CWSE	150.96

⌘ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

Continued on next page

OEM FACTORY MOTORS

OEM FACTORY REPLACEMENT MOTORS



BOHN (Cont'd.)

MOTORS & ACCESSORIES

Part No.	Horsepower	Voltage	Hertz	RPM	Shaft Diameter (In.)	Rotation Type	Price
5026T	1/40	208-230/1	60	1550	5/16	CWSE	257.70
5030S	1/150	115/1	60	3000	0.181	CWSE	47.54
5031S	1/30	115/1	60	1050	3/8	CWSE	227.68
5031T	1/30	208-230/1	60	1050	3/8	CWSE	284.40
5032M	3/4	208-230/1	60	1075	1/2	CWSE	753.10
5032S	1/15	115/1	60	1050	1/2	CWSE	223.52
5032T	1/15	208-230/1	60	1050	1/2	CWSE	421.18
5033S	1/5	115/1	60	1050	1/2	CWSE	226.84
5034L	1/20	115/1	60	1550	5/16	CWSE	100.92
5034M	1/20	208-230/1	60	1550	5/16	CWSE	229.36
5034T	1 1/2	208-230/460/3	60	1140	5/8	CWSE	884.88
5035M	1/14	208-230/1	60	1550	3/8	CWSE	378.64
5036N	1/15	115/1	—	1550	5/16	CWSE	134.28
5036P	1/15	208-230/1	50/60	1550	5/16	CWSE	155.96
5037T	1/8	208-230/1	60	1075	1/2	CWSE	588.80
5042G	1/30	208-230/1	60	1050	3/8	CWSE	472.88
5926J	3	208-230/460/3	—	1800	1	CWSE	1019.14
2530174	3/4	208-230/460/1	—	1075	1/2	CWSE	1115.06
2530355	1/3	208-230/1	—	1075	1/2	CCW	412.00
2531191	1/2	208-230/1	—	1075	1/2	CWSE	451.20
2531193	1/3	208-230/460/3	—	1140	1/2	REV	526.26
2535916	2	208-230/460/3	60	1800	1 1/8	CWSE	879.88
2535918	5	208-230/460/3	60	1800	1 1/8	CWSE	1280.20
2535953	3	208-230/460/3	—	1725	1 1/8	CWSE	⌘
2535999	2	208-230/460/3	—	1200	1 1/8	CWSE	⌘
2537974	1/4	208-230/1	—	1075	1/2	CCW	320.26
7071061	1/15	208-230/1	50/60	1550	5/16	CCW	183.48
7071208	1/3	208-230/1	50/60	1075	1/2	CW	424.50
7071225	1/3	460/1	—	1075	1/2	CW	391.98
7072102	3/4	208-230/460/3	50/60	1170	5/8	REV	712.24
25300701	1/150	115/1	60	3000	3/16	CCW	65.06
25301001	1	208-230/460/3	50/60	1140	5/8	REV	847.34
25301101	1 1/2	208-230/460/3	50/60	1140	5/8	REV	972.44
25302001	1 1/2	575/3	60	1140	5/8	REV	835.66
25302201	1/4	460/3	—	1075	1/2	CWSE	512.92
25302501	1/15	208-230/1	60	1500	0.3125	CWSE	171.80
25302601	1/15	120/1	60	1800	0.3125	CWSE	171.80
25303201	14W	115/1	—	1800	1/4-20Thd	CWSE	114.26
25303301	14W	208-230/1	—	1800	1/4-20Thd	CW	118.42
25304601	1/4	460/1	60	1075	1/2	CW	844.00
25305701	1/2	208-230/1	—	850	5/8	CWSE	896.56
25305801	1/2	460/1	60	850	5/8	CWSE	658.86
25307701	1/15	115/1	50/60	1650	5/16	CWSE	139.28
25307801	1/15	208-230/1	60	1660	5/16	CWSE	145.96
25307901	1/2	575/3	60	1140	5/8	REV	⌘
25308501	1/15	115/1	50/60	1650	5/16	CCW	183.48
25308601	1/15	208-230/1	50/60	1650	5/16	CCW	164.30
25308701	1/15	460/1	60	1650	5/16	CWSE	194.32
25309001	1/3	208-230/1	50	1075	1/2	CWSE	230.18
25309002	1/3	460/1	—	1200	1/2	CWSE	306.92
25309101	1/15	208-230/1	—	1800	5/16	CCWSE	160.96
ECM Motors							
22617801	1/15	115/1	60	1625	5/16	CCWSE	⌘
22617701	1/15	208-230/1	60	1625	5/16	CCWSE	⌘
25318001	1/15	120/1	60	1625	5/16	CCWSE	297.74
25317901	1/15	208-230/1	60	1525	5/16	CCWSE	297.74
25317601	1/4	120/1	60	1175	1/2	CCWSE	629.68
25317501	1/4	208-230/1	60	1175	1/2	CCWSE	629.68

⌘ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.



LARKIN

Part No.	HP	Voltage	Hz	RPM	Shaft	Rotation	Price
4567T	1/4	208-230/1	50/60	1075	1/2	CWSE	455.36
5020S	1/4	115/1	60	1075	1/2	CWSE	274.38
5020T	1/4	208-230/1	60	1075	1/2	CWSE	261.88
5021S	1/150	120/1	60	3000	0.181	CWSE	48.38
5021T	1/150	230/1	60	3000	0.181	CWSE	60.04
5025S	1/80	115/1	60	1550	1/4	CWSE	211.84
5036N	1/15	115/1	—	1550	5/16	CWSE	134.28
5036P	1/15	208-230/1	50/60	1550	5/16	CWSE	155.96
5036S	1/15	115/1	60	1550	5/16	CWSE	⌘
5036T	1/15	208-230/1	60	1550	5/16	CWSE	⌘
2530143	1	208-230/1	—	1075	5/8	CCW	1266.02
2530174	3/4	208-230/460/1	—	1075	1/2	CWSE	1115.06
2530355	1/3	208-230/1	—	1075	1/2	CCW	412.00
2530688	1/10	115/1	—	1075	1/2	CWOSE	288.56
2530689	1/10	208-230/1	—	1075	1/2	CW	289.40
2530857	1/2	208-230/1	—	825	1/2	CWSE	622.16
2531010	1	208-230/460/3	—	1140	5/8	REV	865.70
2531191	1/2	208-230/1	—	1075	1/2	CWSE	451.20
2531192	1/3	575/3	—	1140	1/2	—	1109.22
2531193	1/3	208-230/460/3	—	1140	1/2	REV	526.26
2531194	1/20	115/1	—	1550	0.3125	CWOSE	110.08
2531195	1/20	208-230/1	—	1550	0.3125	CWOSE	116.76
2531196	1/25	115/1	—	1550	5/16	CW	⌘
2531331	1/4	115/1	—	1075	1/2	CCW	449.52
2532500	1/4	208-230/1	—	1075	1/2	CWSE	332.76
2532501	1/4	460/1	—	1075	1/2	CCW	624.66
2535994	1	575/3	—	835	—	—	⌘
2537974	1/4	208-230/1	—	1075	1/2	CCW	320.26
7071061	1/15	208-230/1	50/60	1550	5/16	CCW	183.48
7071208	1/3	208-230/1	50/60	1075	1/2	CW	424.50
7071225	1/3	460/1	—	1075	1/2	CW	391.98
7072102	3/4	208-230/460/3	50/60	1170	5/8	REV	712.24
25300701	1/150	115/1	60	3000	3/16	CCW	65.06
25301001	1	208-230/460/3	50/60	1140	5/8	REV	847.34
25301101	1 1/2	208-230/460/3	50/60	1140	5/8	REV	972.44
25301701	1 1/2	208-230/460/3	—	850	5/8	CW	⌘
25301901	1 1/2	575/3	—	850	5/8	REV	⌘
25302001	1 1/2	575/3	60	1140	5/8	REV	835.66
25302201	1/4	460/3	—	1075	1/2	CWSE	512.92
25303201	14W	115/1	—	1800	1/4-20 Thd	CWOSE	114.26
25303301	14W	208-230/1	—	1800	1/4-20 Thd	CW	118.42
25304601	1/4	460/1	60	1075	1/2	CW	844.00
25305701	1/2	208-230/1	—	850	5/8	CWSE	896.56
25305801	1/2	460/1	60	850	5/8	CWSE	658.86
25307701	1/15	115/1	50/60	1650	5/16	CWSE	139.28
25307801	1/15	208-230/1	60	1660	5/16	CWSE	145.96
25307901	1/2	575/3	60	1140	5/8	REV	⌘
25308101	1/4	208-230/1	—	1075	1/2	CCWOSE	1607.12
25308201	1/15	115/1	—	1600	5/16	CCWOSE	170.14
25308301	1/5	208-230/1	50/60	1600	5/16	CCWOSE	171.80
25308401	1/15	460/1	50/60	1600	5/16	CCWOSE	⌘
25308501	1/15	115/1	50/60	1650	5/16	CCW	183.48
25308601	1/15	208-230/1	50/60	1650	5/16	CCW	164.30
25308701	1/15	460/1	60	1650	5/16	CWSE	194.32
25309001	1/3	208-230/1	50	1075	1/2	CWSE	230.18
25309002	1/3	460/1	—	1200	1/2	CWOSE	306.92
25309101	1/15	208-230/1	—	1800	5/16	CCWSE	160.96

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

OEM FACTORY MOTORS

OEM FACTORY REPLACEMENT MOTORS

MOTORS & ACCESSORIES

COPELAND

COPELAND™

Part No.	HP	Voltage	Hz	RPM	Shaft	Rotation	FLA	Price
950010800	1/3	230/1	60	1625	1/2	CWOSE	2.2	603.10
950023400	1/3	208-230/1	50/60	825	1/2	CWOSE	2.6	688.46
950023800	1/4	230/1	60	1625	1/2	CWOSE	1.45	491.62
950034400*	50 Watt	208-230/1	50/60	1550	3/8	CWOSE	0.85	267.76
950034401*	50 Watt	115/1	50/60	1550	3/8	CWOSE	1.7	290.92
950034403*	50 Watt	460/1	50/60	1550	3/8	CWOSE	0.44	283.00
950050000	1/6	208-230/1	60	1550	1/2	CWOSE	2.6	449.16
950050001	1/20	230/1	50/60	1625	1/2	CWSE	0.8	417.66
950050004	1/20	460/1	50/60	1625	1/2	CWSE	0.4	585.12
950024502	—	—	—	1550	1/2	CWOSE	—	445.36
950024800	1/2	208-230/1	50/60	1100	1/2	CWOSE	4.1	729.82
950024801	1/2	460/1	50/60	1100	1/2	CWOSE	2.1	996.10
950025000	1/4	208-230/1	50/60	1625	1/2	CWOSE	1.5	529.42
998025100	1/6	208-230/1	50/60	1550	1/2	CWOSE	2.6	422.24
950025101	1/6	460/1	50/60	1550	1/2	CWOSE	1.3	522.14
050025903	9 Watt	208-230/1	50/60	1550	1/4-20 Thd	CWOSE	0.3	103.84
050025904	9 Watt	440/1	50/60	1550	1/4-20 Thd	CWOSE	0.16	181.12
950026000	1/2	208-230/1	50/60	1100	1/2	CWOSE	4.1	716.66
950026500	1/6	208-230/1	50/60	1550	1/2	CWOSE	1.1	311.68
950026501	1/6	460/1	50/60	1550	1/2	CWOSE	0.55	321.16
950026503	1/6	208-230/1	50/60	1550	1/2	CWOSE	1.1	292.56
950026604	1/4	208-230/1	50/60	1625	1/2	CWOSE	1.5	325.20
950036700	35 Watt	115/1	60	1550	1/4-20 Thd	CWOSE	1.6	256.70
950036701	35 Watt	208-230/1	60	1550	1/4-20 Thd	CWOSE	0.88	243.16
950027000	1/2	208-230/1	50/60	1625	1/2	CWOSE	4.2	504.40
950027001	1/2	460/1	50/60	1625	1/2	CWOSE	1.9	538.16

*Motor kit with blades

TECUMSEH



Part No.	HP	Voltage	Hz	RPM	Shaft	Rotation	FLA	Price
810M005B43	4 Watt	115/1	50/60	1500	1/4-20 Thd	CWOSE	0.5	113.67
810M006A76	6 Watt	115/1	50/60	1500	1/4-20 Thd	CWOSE	0.5	117.42
810M009A78	9 Watt	115/1	50/60	1500	1/4-20 Thd	CWOSE	0.67	110.70
810M009A79	9 Watt	230/1	50/60	1500	1/4-20 Thd	CWOSE	0.36	137.36
810M035B68	35 Watt	230/1	60	1500	1/4-20 Thd	CWOSE	0.7	176.80
810E037A84	1/20	230/1	50/60	1500	5/16	CWOSE	1.1	348.23
810E050A85	1/15	230/1	50/60	1500	5/16	CWOSE	1.4	380.74
810E186A82	1/4	230/1	50/60	1625	1/2	CWOSE	1.9	571.48
810E186A83	1/4	440/1	50/60	1625	1/2	CWOSE	0.95	930.07
810F249B52C	1/3	460/3	50/60	1600	1/2	CWOSE	1	970.94
810F050B51C	1/20	460/1	50/60	1550	5/16	CWOSE	0.6	357.72
8810S050A99	1/15	230/1	50/60	1550	5/16	CWOSE	1.3	232.63
810M050A62	50 Watt	230/1	50/60	1500	5/16	CWOSE	0.85	566.97
810S373B41	1/2	230/1	60	1625	1/2	CWOSE	3.4	701.23



TRENTON

Part No.	HP	Voltage/Phase	Hz	Speed	Price
1043526-002	16W	230/1	60	1550	☞
1049946	35W	208-230/1	60	1500	215.18
1049947	50W	460/1	60	1500	250.20
1049520	50W	208-230/1	60	1500	224.34
160363	1/40	115/1	60	1050	174.30
170620	1/20	115/1	60	1060	223.52
170621	1/20	115/1	60	1550	216.84
1062541	1/15	115/1	60	1060	245.20
1062542	1/15	208-230/1	60	1060	251.20
160276	1/15	208-230/1	60	1050	183.48
1047778	1/15	115/1	50/60	1550	97.58
1047779	1/15	200-230/1	50/60	1550	100.92
1078377	1/3	208-230/460/1	60	1075	391.14
1089451-001	1/2	575/3	60	550	☞
1048725001	0.63	208-230/1	60	850	928.24
1045033	3/4	208-230/3	60	1700	437.86
1045034	3/4	460/3	60	1700	415.34
1045035	3/4	575/3	60	1700	468.70
1083627	3/4	208-230/460/1	60	1075	628.00
1040154	1	208-230/3	60	850	977.14
1043297-001	1 1/4	208-230/3	60	1140	☞
1043296-001	1	208-230/1	60	1140	☞
1040155	1	460/3	60	850	977.44
1089453-001	1	575/3	60	850	☞
1043298-001	1 1/4	460/3	60	1140	☞
1043299-001	1 1/4	575/3	60	1140	☞
1040346	3	208-230/3	60	1740	☞
1040156	1	575/3	60	850	☞
160363	1/40	115/1	60	1050	174.30
1048725001	0.63	208-230/1	60	850	928.24
1089453-001	1	575/3	60	850	☞



UR

**VISIT OUR MOTOR CENTER
AT YOUR LOCAL BRANCH.**

**WHERE YOU WILL FIND
A COMPLETE SELECTION OF
MOTORS, BELTS, PULLEYS,
BEARINGS.**

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

MOTOR SELECTION

Motor Efficiency

Efficiency of a motor is a measurement of the useful work performed by the motor versus the energy it consumes. The input power in watts is the product of the voltage times amps times the electrical efficiency. The output power in watts is the input watts times the mechanical efficiency. The ratio of input to output is the motor efficiency. For example, a motor with 100 watts input and an output of 50 watts is 50% efficient. The watts lost are heat which needs to be dissipated from the motor.

- A Shaded-Pole motor is the least efficient design. It is approximately half as efficient as a PSC motor. A Shaded-Pole motor draws about twice the amps of a PSC motor of the same horsepower. For example, if a Shaded-Pole motor consumes 300 watts and is only 35% efficient, its work output would be only 165 watts but it is less costly than the PSC design.
- When replacing motors, it is best to match motor type. A PSC motor can be used to replace a Shaded-Pole motor; however, the reverse is not true. The PSC motor will be twice as efficient as the Shaded-Pole motor and draw about half the amps. The greater efficiency of the Permanent-Split Capacitor motor permits lower operating costs and lower temperature rise. Replacing a Permanent-Split Capacitor motor with a Shaded-Pole motor is not recommended. Increased ampere draw could cause the line fuse to trip.
- An overloaded motor is one that is too weak for the job. Its speed will be low, its amperage draw is more than 10% above the nameplate rating, and it will have increased heat rise. Its motor life will be reduced.
- An underloaded motor is one too strong for the job. Using too strong a motor for a replacement is evident when its amperage draw is 25% less than the nameplate reading. Using a motor with excessive horsepower can also cause increased heat rise due to decreased efficiency. Over motoring an application increases RPM very little. In most cases RPM for a six pole motor designed to operate at 1075 would only increase by 50 RPM if the motor's power was doubled.
- Horsepower requirements vary as the cube of the speed in air moving applications. In other words, replacing a six pole motor with a four pole requires the four pole motor to have more than three times greater horsepower.
- When replacing motors, the horsepower of the defective and the replacement motor should be the same. In motors rated below 1/4 HP, or when the HP rating is not available, matching the current rating is a satisfactory procedure. Do not use a replacement motor whose nameplate ampere rating is less than the defective motor. The replacement motor may have nameplate amps 25% greater than the nameplate amps of the defective motor. Some newer designs may have lower amps per HP rating if they are very efficient.
- It is possible to match horsepower ratings by measuring the stack width of the stator laminations in the defective motor and then use a replacement motor with the same stack.
- Do not replace a general purpose motor with a service factor, with a special purpose motor that does not have a service factor.

Motor Speed

- PSC motors require auxiliary windings. These get positioned between the main windings, only the main windings should be counted for the speed calculation.
- Modern multi-speed motors are really not multi-speed, but multi-horsepower. The speeds are simply taps at different points in the coil. The higher speeds are tapped at a point with fewer turns as compared to where the subsequent speeds are tapped in the same coil. The more turns that are wound before a tap is brought out, the lower the horsepower will be each time. Obviously, the lowest speed lead is connected to the end of the last turn on the coil. These added turns weaken the motor. This field weakening allows the load to slow the motor down each time a slower speed is selected. With no load mounted on the shaft, as with a bench test, no difference between speeds will be seen. If too strong a replacement motor is used on a unit, there may be no appreciable difference when the speed is changed in the unit. The motor relies on the load to slow it down between the speeds.
- Multi-speed motors can be used in single-speed applications.

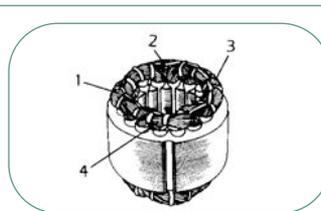


Figure 1. Permanent-Split Capacitor Motor Coils.

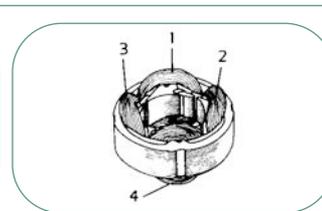


Figure 2. Shaded-Pole Motor Coils.

Figure 1 is a Permanent-Split Capacitor motor with four wound coils and is a four-pole motor. Figure 2 is a Shaded-Pole motor also with four wound coils. It is also a four-pole motor. A Permanent Capacitor motor requires auxiliary windings positioned between the main windings – only the main windings are counted for speed calculation.

Number of Poles	Normal High Speed (RPM)
2	2800 to 3200
4	1400 to 1650
6	900 to 1150
8	800 to 850

When selecting a replacement motor using current (amp) rating comparisons, it is important to choose a replacement motor that has the correct load carrying capability. An overloaded motor will overheat causing the thermal protector to trip. Selecting too strong a motor will also cause overheating.

The table below gives the amp range of an acceptable replacement. For instance, a defective motor with a nameplate rating of 2.35 amps would be closest to 2.4 amps and can be replaced with a motor of the same voltage having a nameplate current rating between 2.4 and 3.0 amps.

When a replacement motor has been selected and installed, a final check of the current draw of the motor running in the unit should be made. This check is particularly beneficial when the motor in the application has been replaced before, since the previous replacement motor may not have been correct for the application. The table below will help this procedure as it shows the range within which the motor should be operating under load. For instance, if the amps on the nameplate of the replacement motor is 1.6 and it draws 1.7 in the application, it is OK. If it draws 1.1 amps it is too strong, and if it draws 1.8 it is too weak.

Nameplate Amps of the Defective Motor	Nameplate Amp Range of an Acceptable Replacement	Safe Amp Range within which the Motor Can Operate in the Application
1.0	1.0 – 1.25	.75 – 1.10
1.1	1.1 – 1.37	.90 – 1.32
1.2	1.2 – 1.52	.98 – 1.43
1.3	1.3 – 1.62	1.05 – 1.53
1.4	1.4 – 1.75	1.13 – 1.65
1.5	1.5 – 1.87	1.20 – 1.76
1.6	1.6 – 2.0	1.28 – 1.87
1.7	1.7 – 2.13	1.35 – 1.98
1.9	1.9 – 2.37	1.43 – 2.09
2.0	2.0 – 2.5	1.50 – 2.20
2.2	2.2 – 2.75	1.65 – 2.42
2.4	2.4 – 3.0	1.80 – 2.64
2.6	2.6 – 3.25	1.95 – 2.86
2.8	2.8 – 3.5	2.10 – 3.08
3.0	3.0 – 3.75	2.25 – 3.30
3.3	3.3 – 4.12	2.48 – 3.63
3.6	3.6 – 4.5	2.70 – 3.96
4.0	4.0 – 5.0	3.00 – 4.40
4.4	4.4 – 5.5	3.30 – 4.84
4.8	4.8 – 6.0	3.60 – 5.28
5.0	5.0 – 6.25	3.75 – 5.5
5.5	5.5 – 6.87	4.13 – 6.05
6.0	6.0 – 7.5	4.50 – 6.6
6.5	6.5 – 8.12	4.88 – 7.15
7.0	7.0 – 8.75	5.25 – 7.70
7.5	7.5 – 9.37	5.63 – 8.25
8.0	8.0 – 10.0	6.00 – 8.80
8.5	8.5 – 10.62	6.38 – 9.35
9.0	9.0 – 11.25	6.75 – 9.90
9.5	9.5 – 11.87	7.13 – 10.45
10.0	10.0 – 12.5	7.50 – 11.0
10.5	10.5 – 13.12	7.88 – 11.6
11.0	11.0 – 13.75	8.25 – 12.1
11.5	11.5 – 14.4	8.63 – 12.7
12.0	12.0 – 15.0	9.0 – 13.2

Intended for shaded pole and PSC motors only

Dont's and Do's of Motor Replacement

The Don'ts

- Do not use indoor (open) motors on outdoor applications
- Do not substitute a motor with dissimilar speeds
- Do not bench test a motor without removing the key
- Do not replace a manual protected motor with an auto-reset protected motor
- Do not indiscriminately replace a special purpose motor with a general purpose motor
- Do not use "air-over" motor where there is no air-over
- Do not connect line leads to tap winding only (rather common to tap)
- Do not carry motor by leads
- Do not by-pass thermal protector when nuisance tripping occurs
- Do not remove a capacitor without shutting off power source and shorting out capacitor terminals with an insulated screwdriver to remove possible charge
- Do not substitute ball bearing motors for sleeve bearing if noise critical
- Do not use sleeve bearing motors in place of ball if high axial or radial loads are present
- Do not use sleeve bearing on speed control if operating under 500 RPM
- Do not use green or green with yellow tracer for any wiring except ground lead
- Do not mount outdoor motors without proper rainshield, drain holes, leads "looped" or at 6 o'clock position, to prevent water from entering motor
- Do not touch motor that has been running. At normal conditions, the motor may be too hot for human touch causing injury
- Do not operate motor bearings above 200°F at the worst voltage and ambient conditions
- Do not use a capacitor with voltage rating lower than that recommended by the replacement motor
- Do not use automatic protector where auto-reset could be hazardous such as power tools, industrial, and farm equipment
- Do not replace a 1360-1400 RPM motor with a 1725 RPM motor
- Do not replace a PSC with a shaded pole

The Do's

The Replacement Motor Must:

- Be same motor type
- Be same number or poles (speed)
- Be same voltage
- Be same rotation
- Be same frequency
- Be same phase
- Horsepower, amps and motor stack to be comparable unless PSC replacing shaded pole. Shaded pole produces 50-60% higher amps than PSC at the same horsepower.
- Use capacitor recommended by replacement motor

Help Your Distributor Help You

Provide the following information for more accurate motor replacement:

1. Before dismantling, scratch an arrow on the case of the motor indicating direction of rotation.
2. Note the voltage. Often, it is not indicated on the nameplate.
3. Note the number of speeds.
4. Note the type of motor – Permanent-Split Capacitor or Shaded-Pole.
5. Note the shaft diameter.
6. Note the capacitor size if a PSC Motor.
7. Provide all nameplate data:
 - A. Horsepower
 - B. Amps
 - C. RPM
 - D. Frame size or motor size
 - E. Wiring connection
8. Provide any special application considerations. Often, the name of the OEM unit is important.
9. Provide special mounting characteristics and dimensions
10. Provide fan blade diameter, pitch and number of blades if applicable. This helps determine unknown HP.

The previous pages offer a sample of what is readily available and most likely to be found in a United Refrigeration branch location. If you don't see what you need here, please call. We can help with all your motor needs.

How can URI help you achieve success?

- *Huge Local Inventory*
- *Broad Product Scope*
- *Knowledgeable Staff*