

Nidec

Top Ratings Catalog

*Motors, drives, fan blades,
capacitors, compressors,
condensing units, draft
inducers and accessories
for use in residential and
commercial heating,
ventilation, refrigeration and
air conditioning equipment.*

embraco
Nidec



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Key Support & Contact Tools for Customers

At Nidec HVAC Aftermarket, we're committed to making it easy for you to find the information you need—when you need it. This sheet includes quick-access QR codes and Hyperlinks linking directly to our most requested **catalogs**, **product data sheets**, and **technical resources**. Simply scan with your phone or tablet to instantly view or download the materials that help you keep things moving. You'll also find contact information to easily access **Technical Support**, **Customer Service** and **Training Material**. As always, we're here to support your success.

Product Info/Catalog :

Top Ratings Product Catalog



[Top Ratings Product Catalog](#)

Check Out Our Top-Rated HVACR Solutions

Scan the QR code or click the Hyperlink to access Nidec HVACR Division's **Top Ratings Product Catalog**, featuring our best-selling **PSC and ECM motors, compressors, condensing units, and essential HVAC accessories**. The go-to guide makes it easy to find the most trusted, high-performance product for your HVAC needs - all in one place.

Product Tech Sheets



[Product Tech Sheets](#)

Need quick access to product info?

Just **scan the QR code** or **click the Hyperlink** to instantly explore detailed data sheets for Nidec HVACR's most popular EC motors. Easily scroll to find specs, features, and installation details on these industry-leading models:

- RESCUE EZ13®
- RESCUE EZ16®
- RESCUE Select Pro®
- RESCUE EcoTech®
- RESCUE EcoTech® Outdoor 48
- RESCUE® EZ-Wire® Motor
- RESCUE® ECM Watt Motors (for refrigeration and walk-in evaporators)

Full Line FL600 Catalog



[Full Line FL600 Catalog](#)

Explore the Full Nidec Motor Lineup

Just **scan the QR code** or **click the Hyperlink** to access the **FL600 digital catalog** - your all-in-one resource for Nidec's complete family of **appliance, commercial, and industrial motors**. From trusted brands across our portfolio, this catalog puts the perfect motor solution for any application right at your fingertips.

Technical Support :

Your team has **direct access** to our **Engineering Team/Technical support** via email or phone.

- Tech Support (888) 540-5540 | hvacrtechservices@nidec-motor.com

Customer Service :

Nidec HVACR Aftermarket Customer Service Contacts By Region Customer Service (855) 487-6686

West Region:

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- Phone: Prompt 1
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Northeast Region:

Tara Johnson

- Phone: Prompt 5
- Email: NortheastCS@nidec-motor.com

Southeast Region:

Kelly Custar

- Phone: Prompt 6
- Email: SoutheastCS@nidec-motor.com

Customer Portal :

MotorBoss: motorboss.com

- Product info search
- Product cross reference
- Product Inventory
- Technical sheet



Product Training :

- Online Course via MotorProUniversity.com
60+ training topics available!
- Live Video Training via Teams with Nidec Sales Training Manager
- On site Group Training



Web sites :

- U.S. MOTORS

[US Motors | Home](http://USMotors.com)



- Embraco

Condensing Units

[US Motors | Embraco Condensing Units](http://USMotors.com/EmbracoCondensingUnits)



Compressors

[US Motors | Embraco Refrigeration Compressors](http://USMotors.com/EmbracoRefrigerationCompressors)



- Nidec Corporation

[NIDEC CORPORATION](http://NidecCorporation.com)



Nidec HVACR Aftermarket COMPANY PROFILE

About US

The HVACR business under Nidec was established in 1890 in St. Louis, Mo., as the foundation business of Emerson Electric Manufacturing Company. John Wesley Emerson, a Civil War veteran, established Emerson Electric Manufacturing Company to manufacture electric motors using a patent owned by Scottish-born brothers Charles and Alexander Meston. In 1892, Emerson's business became the first to sell electric fans in the United States. He quickly expanded the product line to include electric sewing machines, electric dental drills and power tools.

While Emerson was expanding in St. Louis, the United States Electrical Manufacturing Company in Los Angeles, Ca., had some aspirations of its own. With just 17 employees and a 4,000 square-foot facility, the company began building electrical motors under the U.S. MOTORS® brand in 1908. The U.S. MOTORS brand grew and earned an outstanding reputation over the next 50 years. By 1962, Emerson Electric acquired the company and it became U.S. Electrical Motors Division of Emerson Electric Co. The merger strengthened both companies and added a strong group of products to the Emerson family.

Today, U.S. MOTORS is Nidec Motor Corporation's flagship brand, offering a full complement of induction or EC Motors designed for single or three phase applications. U.S. MOTORS stands for innovation, quality and reliability in the industrial and commercial markets. Rely on US for all your aftermarket motor needs.

Details

- World's #1 motor manufacturer and leader in technology
- 16 factory-direct field-support representatives to help grow your business
- 3 sales regions and 15 sales territories with sales team members located in major markets



INDUSTRY NETWORK

- 400 corporate customer locations
- 3,000 branch locations

WAREHOUSING

- 450,000 square feet of distribution space
- 6,000+ unique catalog products
- Nearly \$70 million in finished goods inventory
- RELY ON US to ship your order complete within 48 hours
- Same-day and next-day shipping are available upon request

USMOTORS.COM WEBSITE

- Extensive cross-reference database, product information and equipment model parts breakdowns.

TECHNOLOGICALLY ADVANCED PRODUCTS

We have launched new products designed specifically for the HVACR aftermarket including EcoTech®, MOJAVE®, PEP®, RESCUE®, RESCUE Select Pro® and Aqua-Shield®.

As motor technologies shift to accommodate energy efficiency standards, we'll provide comprehensive training and support on these advanced technologies.

We also offer draft inducers, capacitors, fan blades, variable frequency drives, compressors and condensing units to help you expand your business beyond motors.



CONTACT US

CUSTOMER SERVICE AND INSIDE SALES

(855) 487-6686

HVACRCS@nidec-motor.com

ORDER ENTRY

hvacrorderentry@nidec-motor.com

fax: 800-899-2887

TECHNICAL SUPPORT

HVACRTechServices@nidec-motor.com

888-540-5540

Complete line of cooling solutions for Commercial Refrigeration

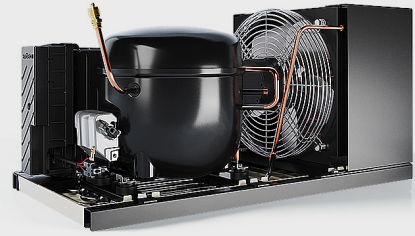
Embraco Aftermarket Products
also available through your
US Motors Team



EM Series
The most efficient
compressor series



F Series
Triple Threat: L/M/HBP



Beyond the
Compressor

Condensing Units
High quality and sturdiness



NE



NT



NJ

Reliable and robust large capacity compressors



Service Parts
Genuine factory replacements

Place Embraco orders with U.S. MOTORS products. | Communicate with our St. Louis-based Customer Service team. | Deal directly with the U.S. MOTORS sales team.

Rank	Embraco Model	Cross Tecumseh Model	Voltage	Qty (Skid Layer/ Full pallet)	Envelope	HP	Refrig.	Capacity (BTU/H) - ASHRAE			
								LBP	MBP	HBP32	HBP46
1	FF112HBX1	AE3440Y-AA1A	115/60/1	15/60	L/M/HBP	1/3+	R-134a	1190	2547	5300	4600
		AE4440Y-AA1A	115/60/1								
		AE3440YXA	115/60/1								
		AE4440YXA	115/60/1								
2	NT6215Z1	AKA4460YXA	115/60/1	11/44	M/HBP	1/2+	R-134a	-	3739	-	-
		AJA4461AXA	115/60/1								
		AKA9434AXA	115/60/1								
		AKA94441AXA	115/60/1								
3	NEK6212Z1	AEA4448YXA	115/60/1	14/56	M/HBP	1/2	R-134a	-	2935	5923	5178
4	NJ2212GJ2		208-230/60/1	11/33	LBP	1 1/2	R-404A	6309	-	-	-
5	NEK2134GK1			115/60/1	14/56	LBP	1/2	R-404A	1948	-	-
	NEK2134GK2			208-230/60/1	14/56			-	-	-	-
6	NT2180GKV1		115/60/1	11/44	LBP	1	R-404A	3822	-	-	-
	NT2180GKV2		208-230/60/1	11/44				-	-	-	-
7	NEK2150GK2	CAE2420	208-230/60/1	14/56	LBP	1/2+	R-404A	2493	-	-	-
8	FF110HBX1	TPA1390YXA	115/60/1	15/60	L/M/HBP	1/3	R-134a	1065	2239	4400	3934
		TPA1410YXA	115/60/1								
		AEA4440AXA	115/60/1								
9	FF8.5HBK	AE3425Y-AA1A	115/60/1	15/60	L/M/HBP	1/4+	R-134a	830	1698	3403	3060
		AEA1360YXA	115/60/1								
		AEA1370YXA	115/60/1								
		TCW390Y-DS8A	115/60/1								
10	NT2168GKV1	AJA2425ZXA	115/60/1	11/44	LBP	1/5	R-404A	2628	-	-	-

EMBRACO scroll

One Brand
All Climates

Expanded
possibilities
available now!

From 1.5 to 5 Tons
for Residential AC
applications



Model	Ton	CAP [BTU/h]	Refrigerant	Power Supply
EAUF22H-C1-NABA	1.7	22,428	R410A	208-230V / 60Hz 1ph
EAUF25H-C1-NABA	2	25,165		
EAUF32H-C1-NABA	2.6	30,426		
EAUF36H-C1-NABA	3	37,104		
EAUF42H-C1-NABA	3.5	43,118		
EAUF49H-C1-NABA	4	49,277		
EAUF54H-C1-NABA	4.5	54,243		
EAUF61H-C1-NABA	5	61,966		
EAUF22E-C1-NABA	1.7	21,171	R22	
EAUF25E-C1-NABA	2	26,04		
EAUF32E-C1-NABA	2.6	31,124		
EAUF36E-C1-NABA	3	35,983		
EAUF42E-C1-NABA	3.5	40,129		
EAUF49E-C1-NABA	4	46,386		
EAUF54E-C1-NABA	4.5	51,091		
EAUF61E-C1-NABA	5	56,933		

think ahead

embraco
Nidec

Popular Models - Hot Pricing

Permanent Split Capacitor MOJAVE® Series Condenser Fan 5.6" Diameter, Totally Enclosed, Air Over (TEAO)

APPLICATIONS:

Residential and commercial condensing unit fan motors in extreme temperature locations.

FEATURES:

158°F (70°C) Ambient Design

Class F Insulation

Ball Bearings Have All Angle Thrust System

Designed For Use With 370V Capacitors

Extended Studs

48" Leads

Hubless Lead End

Drain Holes Both Ends

Reversible Rotation

Automatic Reset Thermal Overload Protector

Continuous Duty

Stud Mount, Without Capacitor, Extreme High Ambient Design, All Angle Mount

HP	RPM/ Spd.	Voltage	Catalog Number	Skid Quantity	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wt.	Notes
1/6	825	208-230	1873H	96	5.0	1.2	6.0	4.3	10.6	13.5	H25
	1075	208-230	1859H	126	5.0	1	5.0	4.0	9.4	11.2	H25
1/4	1075	208-230	1860H	96	5.0	1.7	6.0	4.1	10.6	12.4	H25
1/4-1/8	825	208-230	1874H	96	5.0	2.1	6.0	4.4	10.9	13.3	H25
1/3-1/6	1075	208-230	3323H	96	7.5	2.0	5.0	4.3	9.3	14.0	B / H25
1/3	1075	208-230	1861H	96	7.5	2.1	6.0	4.6	11.1	15.6	H25
1/3-1/5	825	208-230	1875H	96	7.5*	2.4-1.4	6.0	5.3	11.6	18.4	H25
1/2	825	280-230	1870H	96	10.0	3.3	6.0	5.9	12.4	17.0	
	1075	208-230	1862H	96	10.0	3.2	6.0	5.3	11.9	18.9	H25
3/4	1075	208-230	1868H	96	10.0	4.7	6.0	5.8	12.4	21.4	



1873H

Note B: Belly Band

Note H25: Includes 4 Holes With Screws In Shell For RHEEM® Mount

* Uses 440 V capacitor

Permanent Split Capacitor Condenser Fan - 5.6" Diameter, Totally Enclosed, Air Over (TEAO)

APPLICATIONS:

Residential and commercial condensing unit fan motors to meet manufacturer's requirements.

FEATURES:

140°F (60°C) Ambient Design

Class B Insulation

Bearings have All Angle Thrust System

Designed for use with 370V

Capacitors

Extended Studs

30" Leads

Hubless Lead End

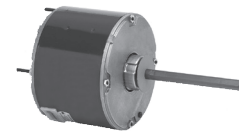
Drain Holes Both Ends

Reversible Rotation

Automatic Reset Thermal Overload

Protector

Continuous Duty



3322

Stud Mount, Without Capacitor, 60°C, All Angle Mount

HP	RPM	Voltage	Catalog Number	Skid Quantity	Bearings	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wt.	Notes
1/6	825	208-230	1873	96	SAB	5.0	1.0	6.0	4.1	10.6	12	H25
	1075	208-230	1859	126	SAB	5.0	1.0	4.5	3.8	8.8	11	H25
1/4-1/8	825	208-230	1874	96	SAB	5.0	2.0	6.0	4.3	10.9	13	H25
1/4	1075	208-230	1860	126	SAB	5.0	1.5	4.5	4.6	9.6	10	H25
1/3-1/5	825	208-230	1875	96	SAB	7.5*	2.4-1.4	6.0	4.6	11.6	15	H25
1/3	1075	208-230	1861	126	SAB	7.5	2.0	4.5	4.6	10.1	14	H25
1/3-1/6	1075	208-230	3323	96	Ball	7.5	2.0	5.0	4.3	9.3	14	B / H25
	1075	208-230	3322	126	SAB	10.0	1.8-1.3	5.0	4.6	9.6	13	B / H25
1/2	825	208-230	1870	96	SAB	12.5	2.8	6.0	6.0	12.4	22	
	1075	208-230	1862	126	SAB	10.0	3.1	4.5	5.3	10.3	16	H25
3/4	1075	208-230	1868	96	SAB	10.0	4.7	5.0	5.8	11.4	22	

Note B: Belly Band

Note H25: Includes 4 Holes With Screws In Shell For RHEEM® Mount

* Uses 440 V capacitor

Permanent Split Capacitor Direct Drive Fan & Blower - 5.6" Diameter, Open, Air Over

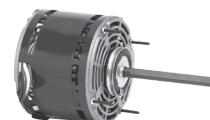
APPLICATIONS:

Residential and commercial direct drive fans and blowers.

FEATURES:

Stud Extensions On Popular Models
Designed for use with 370V Capacitors
Class B Insulation
24" Leads
Continuous Duty, Air Over
Bearings Have All Angle Thrust System

Automatic Reset Thermal Overload Protector
2.5" Dia. Hub Rings Included
All Angle Mount
Connection and Capacitor Information Furnished
in the Nameplate Data



1864

Reversible Rotation

Hub Ring Mount (2.5") except as noted, Without Capacitor

HP	RPM/ Spds.	Voltage	Catalog Number	Skid Quantity	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wt.	Notes
1/4	1075/3	115	1863	126	7.5	3.5	5.0	4.9	4.3	10.4	10	
	1075/3	208-230	1971	126	7.5	1.5	5.0	4.9	4.3	10.4	9	
1/3	1075/3	115	1864	96	7.5	5.0	5.0	5.1	4.6	10.7	12	
	1075/3	208-230	1972	126	7.5	1.9	5.0	5.1	4.6	10.7	11	
1/2	1075/3	115	1865	96	10.0	6.5	5.0	6.0	5.4	11.4	16	
	1075/3	208-230	1973	96	10.0	2.9	5.0	6.2	5.6	11.7	17	
3/4	1075/3	115	8904	96	15.0	9.5	5.0	5.8	5.3	11.4	17	
	1075/3	208-230	8905	96	15.0	4.0	5.0	6.0	5.6	11.7	19	
1	1075/3	115	8906	96	20.0	12.1	5.0	6.6	6.1	12.2	22	H17
	1075/3	208-230	8907	52	20.0	5.6	5.0	6.6	6.1	12.2	22	H17

Note H17: Class B Insulation, Studs Shaft Side Only, Ball Bearings

RESCUE EZ-Wire® Motor in Clear Pack

EZ-Wire® Condenser

Horsepower: 1/3-1/8 HP

Speed: 1075 and 825 RPM

Rated Voltage: 208-230V

Ambient Rating: 80°C (176°F)

Frame: 48

Enclosure: Totally Enclosed Air Over (TEAO)

Mounting: All position mount, extended mounting studs
and Rheem® Side Shell Holes



See Pricing Below

EZ-Wire Condenser						
Catalog Number	HP	RPM	Voltage	Amps	Leads	Capacitor
5430	1/3-1/6	1075	208-230	2.2	48"	7.5 MFD @ 440V
5431	1/4-1/8	825	208-230	2.1	48"	7.5 MFD @ 440V



EZ-Wire® Direct Drive Fan and Blower

Horsepower: 1/2-1/6 HP

Speed: 1075/4 SPD

Rated Voltage: 115 or 208-230V

Ambient Rating: 40°C (104°F)

Frame: 48

Enclosure: Open Air Over (OAO)

Mounting: All position mount and
Rheem® Side Shell Holes

See Pricing Below

EZ-Wire Direct Drive Fan and Blower						
Catalog Number	HP	RPM	Voltage	Amps	Leads	Capacitor
5432	1/2-1/6	1075/4 SPD	115	7.3	36"	10/7.5 MFD @ 370V
5433	1/2-1/6	1075/4 SPD	208-230	3.6	36"	10/5 MFD @ 370V



EZ-WIRE Skid Packs						
Catalog Number	HP	RPM	Voltage	Amps	Leads	Capacitor
5430-SKD	1/3-1/6	1075 SPD	208-230	2.2	48"	7.5 MFD @ 440V
5431-SKD	1/4-1/8	825 SPD	208-230	2.1	48"	7.5 MFD @ 440V
5432-SKD	1/2-1/6	1075/4 SPD	115	7.3	36"	10/7.5 MFD @ 370V
5433-SKD	1/2-1/6	1075/4 SPD	208-230	3.6	36"	10/5 MFD @ 370V

Market motors on your floor for maximum visibility 90 per skid



Product Overview and Options

Our motors bring all the value that you expect from the U.S. MOTORS® brand:

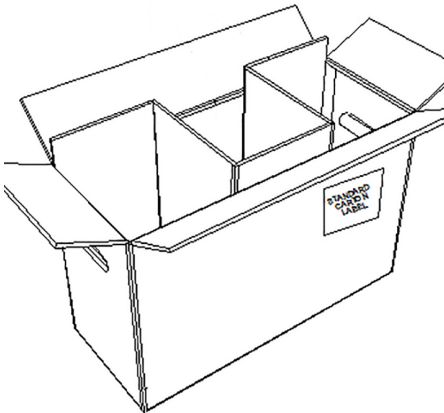
- Ball Bearings** – Durability for high temperature applications for longer life than traditional sleeve bearings
- Special Rotor Corrosion Protection for Condenser Motors** – Designed for longer life and sure start-ups season after season
- Reversible** – Easy to change quick connect terminals for application flexibility
- Capacitors** – USA made capacitors included

Must order in quantities of 90



Market motors on your floor for maximum visibility
90 per skid

Must order in Quantity of 3's



Catalog Number: 5430, 5431, 5432, 5433
Convenient 3-pack for additional
smaller displays

- or -

Full Pallet 3-Pack
Quantity 90

EZ-FIT® MOTORS

Condenser Fan and Direct Drive Blower

Multi-Horsepower Motors

EZ-FIT condenser fan and direct drive blower motors deliver all the premium features of a multi-horsepower motor.

The versatility of the motor line eliminates the need for contractors to carry multiple motors – saving time, space and money.



Product Overview and Features

Multi-Horsepower Motors

EZ-FIT Condenser Fan

Horsepower: 1/2-1/8 HP

Speed: 1075 and 825 RPM

Rated Voltages: 208-230

Ambient Rating: 60°C/70°C (140°/158°F)

Enclosure: Totally Enclosed Air Over (TEAO)

Mounting: All position mounting, Rheem® Side Shell Holes; Select models include Rheem® and Trane® endshields

Warranty: One-year limited warranty from date of installation

Frame: 48



EZ-FIT Furnace and Air Handler Direct Drive Blower

Horsepower: 3/4-1/6 HP

Speed Range: 1075 RPM / 4 SPD

Ambient Rating: 40°C (104°F)

Enclosure: Open Air Over (OAO)

Rated Voltages: 115 and 208-230

Capacitor: Compatible with 370V (not included)

Mounting: Thru-Bolts, Rheem® Shell Holes or Belly Band; Extended Mounting Studs; 2.5" Dia. Hub Rings Included

Warranty: One-year limited warranty from date of installation



EZ-FIT Direct Drive Fan and Blower											
Catalog Number	HP	RPM	Voltage	Bearings	CAP MFD	Amps	Competitor Cross Reference		Mount	Ship Wt	Notes
							Packard	Mars			
3312	3/4-1/5	1075 / 4 SPD	115	Ball	20 MFD @ 370V	8.1-3.1	45470	10466	Stud	16.6	H40
3313	3/4-1/5	1075 / 4 SPD	208-230	Ball	20 MFD @ 370V	3.8	45471	10467	Stud	16.6	H40
3314	1/2-1/6	1075 / 4 SPD	115	SAB	10 MFD @ 370V	7.3-2.8	45460	10463	Stud	13.5	H40
3315	1/2-1/6	1075 / 4 SPD	208-230	SAB	10 MFD @ 370V	3.6	45461	10464	Stud	13.5	H40
EZ-FIT High Ambient Condenser 70°C											
1874H	1/4-1/8	825	208-230	Ball	5 MFD @ 370V	2.1	45488BF	20459	Stud	13.27	H25
1875H	1/3-1/5	825	208-230	Ball	7.5 MFD @ 440V	2.4-1.4	45488BF	20469	Stud	18.4	H25
3323H	1/3-1/6	1075	208-230	Ball	7.5 MFD @ 370V	2	45458BF	20465	Stud	13.65	H25
3325H*	1/2-1/5	1075	208-230	Ball	15 MFD @ 370V	2.6-1.7		20468	Stud	16.6	H25
EZ-FIT Condenser 60°C											
1874	1/4-1/8	825	208-230	SAB	5 MFD @ 370V	2	45488B	10459	Stud	11	H25
1875	1/3-1/5	825	208-230	SAB	7.5 MFD @ 440V	2.4-1.4	45488B	10469	Stud	17	H25
3323	1/3-1/6	1075	208-230	Ball	7.5 MFD @ 370V	2	45458B	10465	Stud	13.45	H25
3324	1/2-1/5	1075	208-230	SAB	15 MFD @ 370 V	2.6-1.7			Stud	15.72	H25
3325*	1/2-1/5	1075	208-230	Ball	15 MFD @ 370V	2.6-1.7		10468	Stud	16	H25

Note H40

Screws for Shell Mounting Included in Carton

Note H25

Includes 4 Holes With Screws In Shell For RHEEM® Mount

*

Includes Rheem® and Trane® Endshield Mounting Holes

Permanent Split Capacitor Direct Drive Fan and Blower

PRODUCT OVERVIEW AND FEATURES:

Horsepower: 1/2 HP

Diameter: 5.6" Diameter

Rotation: CCW LE

Enclosure: Open Air Over (OAO)

Mounting: All Angle Mount

RPM/Spds: 1075 / 3 SPD

Voltage: 115

Cap. MFD: 15

Amps: 5.0

Shaft Length: 3.5

Ship Weight: 12

Direct replacement for Rheem part numbers:

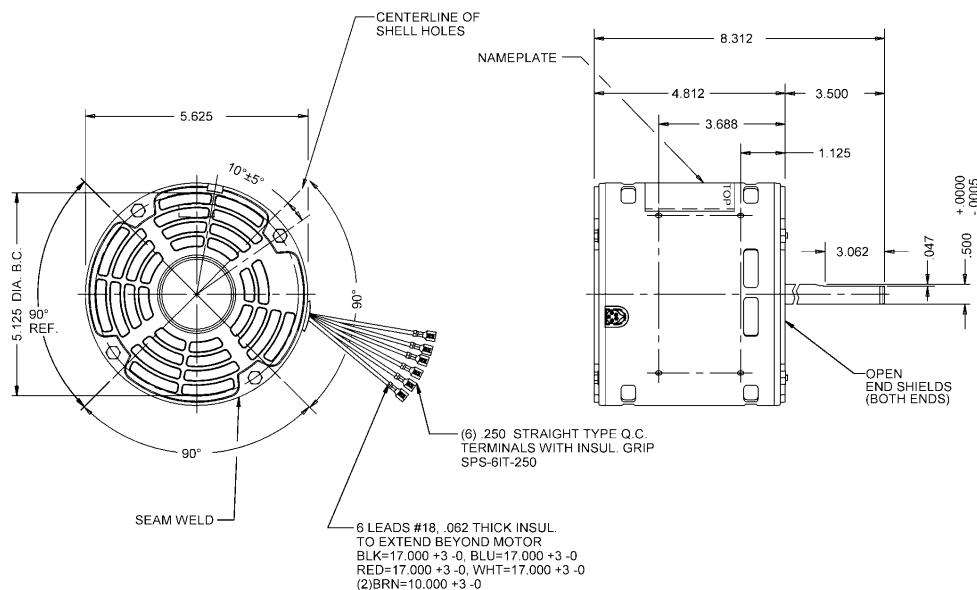
51-102994-01, 51-102994-03, 51-102994-02,
51-22858-01, and 51-104324-01

Direct competitor replacement::

5KCP39KGY886S, 5KCP39KGY890S, 5KCP39KGY887S
5KCP39KGP750BS, and K055LLN1345011H



CATALOG NO.: 1323



RESCUE® Liberty™ Condenser Fan and Direct Drive Blower Motors

APPLICATIONS:

PSC motors for condensing unit and blower applications.

FEATURES:

RESCUE Liberty Condenser Fan Multi-Horsepower Motors

Horsepower: 1/3–1/6 HP

Enclosure: Totally Enclosed Air Over (TEAO)

Speed: See Below

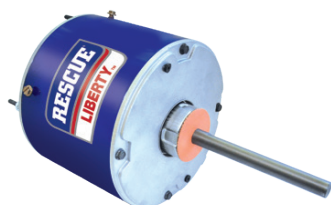
Rated Voltages: 208–230 Volts

Ambient Rating: 70°C (158°F)

Capacitor: 5.0 or 7.5mfd (*included*)

Mounting: All Position Mounting, Rheem® Side Shell Holes include Rheem® and Trane® Endshield Mounting Holes

Warranty: Two-year limited warranty from date of installation



US5462H



Proudly Built in
Princeton, Indiana

RESCUE Liberty Furnace and Air Handler Direct Drive Blower Multi-Horsepower Motors

Horsepower: 1/2–1/6 HP

Enclosure: Open Air Over (OAO)

Speed Range: 1075 RPM

Rated Voltages: 115 and 208–230

Ambient Rating: 60°C (140°F)

Capacitor: Compatible with 370V (*not included*)

Mounting: Thru-Bolts, Rheem® Shell Holes, or Belly Band; Extended Mounting Studs; 2.5" Dia. Hub Rings Included

Warranty: Two year limited warranty from date of installation



US5460

RESCUE Liberty Condenser Fan Multi-Horsepower Motor

HP	RPM	Voltage	Catalog Number	Speed	Cap MFD	Amps	Bearing	Shaft Length	Total Length
1/3–1/6	1075	208-230	US5462H	2	5	2.6/1.8	BALL	4.5	9.6
1/3–1/6	825	208-230	US5464H	2	7.5	1.9/1.2	BALL	4.5	10.3

RESCUE Liberty Furnace and Air Handler Direct Drive Blower Multi-Horsepower Motor

HP	RPM	Voltage	Catalog Number	Speed	Cap MFD	Amps	Bearing	Shaft Length	Total Length
1/2–1/6	1075	115	US5460	4	12.5-7.5	7.3	SAB	5.5	10.8
1/2–1/6	1075	208-230	US5461	4	10-5	3.6	SAB	5.0	10.3

RESCUE® MOJAVE® Condenser Motors

Think of them as service call assurance.

Now you'll always have a motor when you need it.

RESCUE® motors replace a variety of different horsepower applications.

Using RESCUE® motors will eliminate the need for temporary substitutions, extra driving time to get the right motor, and reduce the need for emergency openings in the evening.

You may not know what kind of motor you will need, but with RESCUE® motors on hand, you know you'll have one readily available.



RESCUE® MOJAVE® Condenser Fan Motor

FEATURES:

70°C (158°F) Ambient Rated

Special Treated Rotor for Longer Life

Mounts with Thru-Bolts, Lead End and Side Shell Holes or Belly Band

48" Leads with Flag Terminals

Extended Mounting Studs

Ball-Bearing Design

Reversible Rotation

All-Position Mount Totally Enclosed

Flat Lead End for Shaft Down Applications

Designed For Use With 370V Capacitors

RESCUE® MOJAVE® 5.5" Diameter Motor Ratings

HP	RPM	Voltage	Catalog Number	Spd Taps	Cap MFD	Amps	Shaft Length	Total Length
1/3 – 1/6	825/2Spd	208 – 230	5464H	2	7.5	1.9	5.0	10.3
1/3 – 1/6	1075/2Spd	208 – 230	5462H	2	5.0	2.6	5.0	9.6
1/2 – 1/5	1075/2Spd	208 – 230	5465H	2	10.0	3.0	5.0	10.6
1/2 – 1/6	1075/2Spd	460	5480H	2	10.0	1.3	5.5	11.1
3/4 – 1/4	1075/2Spd	208 – 230	5482H	2	15.0	4.0	5.0	11.9
3/4 – 1/4	1075/2Spd	460	5481H	2	15.0	2.2	5.5	11.9

RESCUE® EZ-FIT® MOJAVE® 4.8" Diameter Motor Ratings

1/8 – 1/12	1075	208 – 230	5440H	1	5.0	0.8	3.0	7.1
1/4 – 1/6	1075	208 – 230	5441H	1	5.0	1.5	3.0	8.5
1/4 – 1/8	1625	208 – 230	5442H	1	5.0	1.5	3.0	8.5

EZ-FIT Motor Mounting System (4.8" Diameter Only)

EZ-FIT® Motor Mounting System consolidates three bolt circle diameters into one adapter bracket that allows the end user to adjust bolt circle mounting diameter. Motor is shipped with studs in position for Clam Shell (4.3" BC)

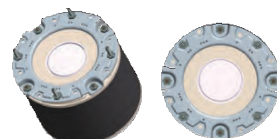
Directions for changing the mounting bolt circle diameter:

Step 1: Remove (4) nuts to detach bracket from motor (See View "A")

Step 2: Remove (4) bolts & nuts and reposition into desired bolt circle dia. (See View "B" & Table "B")

Step 3: Reattach bracket and tighten

Note: For shaft-up applications, remove bracket as described. Remove the (4) motor stator screws one at a time: Reinstall motor stator screw in the opposite direction, then reattach the bracket.



View "A"



View "B"

BC Dia.	Hole Pattern
4.3"	
4.4"	
4.6"	

Table "B"

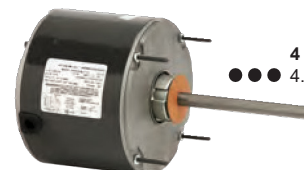
EZ-FIT Motor Mounting System for Replacement of Clam Shell and Stud Mount Designs



Clam Shell
● 4.3" Bolt Circle



3 Pc
● ● 4.4" Bolt Circle



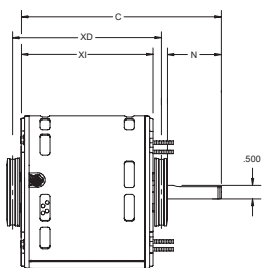
4 Pc
● ● ● 4.6" Bolt Circle

RESCUE® Motors

Permanent Split Capacitor

Direct Drive Fan & Blower, 5.6"

Diameter, Open, Air Over



APPLICATIONS:

Commercial and Residential Air Handlers and Furnaces.
Can replace a range of horsepower applications and a variety of mounting styles.

FEATURES:

- Extended Mounting Studs
- Designed For Use With 370V Capacitors
- Class B Insulation
- 36" Leads
- High Efficiency Design®
- Includes Side Shell Holes For RHEEM® Units
- Continuous Duty, Air Over
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- 2.5" Dia. Hub Rings Included except 5469



HP	RPM	Voltage	Catalog Number	Cool Speed Tap	Heat Speed	Bearings	Cap. MFD	Amps	Shaft N	Base XD	Shell XI	Total C	Ship Wt.	Notes
1/2	1075	115	5460	High	Med-Hi	SAB	10	7.3	5.0	5.9	5.3	11.3	16	H40
1/3				High	Med-Low		7.5	6.9						
1/4				Med-Hi	Med-Low		7.5	5.5						
1/5				Med-Low	Low		7.5	3.6						
1/6				Low	Low		7.5	2.8						
1/2	1075	208-230	5461	High	Med-Hi	SAB	10	3.6	4.5	5.9	5.3	10.8	17	H23, H40
1/3				High	Med-Low		5	3.5						
1/4				Med-Hi	Med-Low		5	2.8						
1/5				Med-Low	Low		5	1.9						
1/6				Low	Low		5	1.3						
3/4	1075	115	5470	High	Med-Hi	Ball	20	8.1	5.0	6.6	6.1	12.1	17	H40
1/2				High	Med-Low		10	6.6						
1/3				Med-Hi	Med-Low		10	4.6						
1/4				Med-Low	Low		10	3.8						
1/5				Low	Low		10	3.1						
3/4	1075	208-230	5471	High	Med-Hi	Ball	20	4.1	5.0	6.6	6.1	12.1	20	H40
1/2				High	Med-Low		10	3.7						
1/3				Med-Hi	Med-Low		10	2.5						
1/4				Med-Low	Low		10	1.8						
1/5				Low	Low		10	1.7						

RESCUE® Condenser Motors

APPLICATIONS:

Commercial and Residential Condensing Units.
Can replace a range of horsepower applications and a variety of mounting styles.

FEATURES:

- Multi-Horsepower Rated
- High 70°C (158°F) or 60°C (140°F) Ambient Designs
- RHEEM® Side Shell Holes and TRANE® End Shield Mounting Holes
- Side Shell & Lead End Mounting Screws Included in Carton
- Automatic Reset Thermal Overload Protector
- Extended Mounting Studs
- All Angle Mounting
- Reversible Rotation
- Ball Bearings
- 48" Leads



Shorter shell design compared to standard shell length



HP	RPM/ Spd.	Voltage	Catalog Number	Max. Ambient	Cap. MFD @ 208V	Cap. MFD @ 230V	Amps	Shaft N	Shell XI	Total C	Ship Wt. (lbs)
1/3 - 1/6	825/2	208-230	5464	60°C (140°F)	10	7.5	1.9	5	5.3	10.3	17.5
1/3 - 1/6	1075/2	208-230	5462	60°C (140°F)	7.5	5	2.6	5	4.6	9.6	14.6
1/2 - 1/5	1075/2	208-230	5465	60°C (140°F)	12.5	10	3	5	5.3	10.3	15.4
1/2 - 1/5	1075/2	208-230	5465H	70°C (158°C)	12.5	10	3	5	5.6	10.6	19.5
3/4 - 1/4	1075/2	208-230	5482H	70°C (158°C)	15	15	4	5.6	6.3	11.9	20.7
NEW 1/3-1/6	1075	208-230	5472	60°C (140°F)	7.5	7.5	2.4	5	3.8	8.8	11.1

Note H23: For 1/3 To 1/6 HP, if more airflow is needed, a 7.5 MFD capacitor may be used.

Note H40: Screws for Shell Mounting Included in Carton

Split Phase Belted Fan and Blower NEMA® 48 Frame, Single and Two Speed

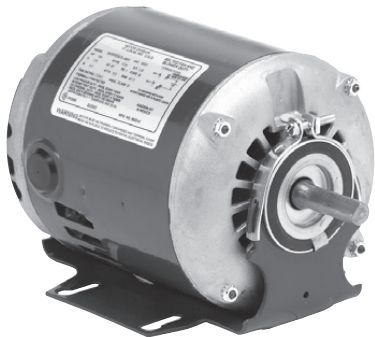


APPLICATIONS:

Designed to meet manufacturer's requirements for belted fans and blowers.

FEATURES:

- Resilient Base
- Class B Insulation Unless Otherwise Noted
- With Threaded Conduit Hole
- Reversible Rotation
- Automatic Reset Thermal Overload Protector
- Discount Symbol: DS-3HAC



Single Speed, Open Drip Proof

HP	RPM	Voltage	Catalog Number	Bearings	NEMA Frame	Amps	Shaft N	Shaft U	Protector	Total C	SF	Ship Wt.	Notes
1/4	1725	115	8000	Ball	48	5.3	1 .5	0.500	Auto	8.9	1 .35	13	77, 79
1/3	1725	115	8100	Ball	48	6.4	1 .5	0.500	Auto	9.4	1 .35	15	77, 79
1/2	1725	115	8200	Ball	48	8.0	1 .5	0.500	Auto	10.0	1 .25	18	77, 79

PSC Direct Drive Fan 3.3" Diameter, Open and Totally Enclosed Designs

APPLICATIONS:

High efficiency PSC motors for refrigeration evaporator and general purpose

FEATURES:

Four 8-32 x 3/4" Stud Extensions At Each End
Ball Bearings Have All Angle Thrust System
Automatic Reset Thermal Overload Protector
9656 and 9662 feature dual plug cord for flexibility

Dual Studs
PSC Design with Capacitor
12" Leads



Open Air Over

HP	RPM	Voltage	Catalog Number	Enclosures	Rotation	Amps	Shell Length	Shaft Dia. x Length*	Ship Wt.	Notes
1/20	1550	115	9632	OAO	Rev	0.9	3.3	.31 x 2.38	4	H38
1/12-1/20	1550	115/230	9664	OAO	Rev	1.2/0.6	4.2	.31 x 2.50	4	H38
1/10	1550	230	9657	OAO	Rev	1.00	4.5	.31 x 3.75	6	H38
1/12-1/20	1550	115/208-230V	9721	OAO	Rev	1.1/0.57	3.78	.31 x 3.25	4	H38

Totally Enclosed, Air Over

HP	RPM	Voltage	Catalog Number	Enclosures	Rotation	Amps	Shell Length	Shaft Dia. x Length*	Ship Wt.	Notes
1/50-1/70	1550	115	9624	TEAO	Rev	0.43	3.06	.25 x 2.50	3	
1/30-1/40	1550	115	9628	TEAO	Rev	0.6	3.25	.31 x 2.50	4	
1/50	1550	115	9641	TEAO	Rev	0.50	3.06	.25 x 2.25	3	

OEM Direct Replacements

HP	RPM	Voltage	Catalog Number	Enclosures	Rotation	Amps	Shell Length	Shaft Dia. x Length*	Ship Wt.	Notes	OEM
1/20	1550	115	9662	OAO	CCW/Rev	0.9	3.3	0.31 X 3.0	4	86, H30	BO
1/20	1550	230	9648	TEAO	CW/Rev	0.4	3.3	0.31 x 2.25	4	H38	FE
1/20	1550	115/230	9654	TEAO	CW	0.8/0.4	3.4	0.31 x 1.63	4	H31, 86	KR
1/15	1550	208-230	9656	OAO	CCW/Rev	0.48	3.8	0.31 x 3.0	4	86, H30	BO

BO = Bohn FE = Fedders KR = Krack

Note 86: PSC With Capacitor

Note H30: Includes Special Cord And Plug

Note H31: Includes Special Mounting Lugs, No Threaded Studs

Note H38: PSC, Capacitor included and attached

*As Measured From Motor Face

RESCUE® PSC Direct Drive Fan Motor 3.3" Diameter, Open Air Over

High-efficiency PSC motor for refrigeration evaporator and general purpose

Part Number: 9721

Horsepower: 1/12 - 1/20

Rotation: CCW Shaft End REV

Speed Range: 1550 RPM

Rated Voltages: 115/208-230V

Amps: 1.1/0.57

Hertz: Rated 60 & 50 HZ

Motor Type: Permanent Split Capacitor (PSC)

Warranty: Two-year limited warranty from date of installation

New shorter body—compare to 9664

Product Overview and Options

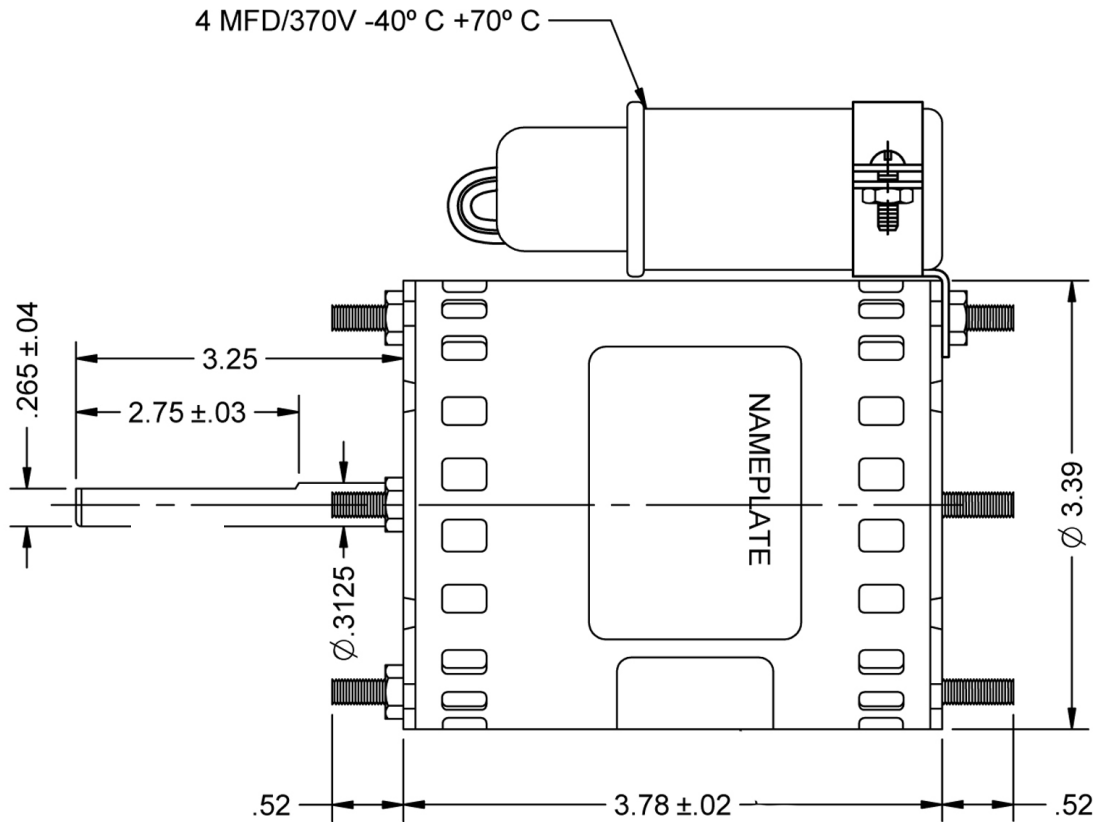
This new high-efficiency, multi-horsepower, permanent split capacitor, reversible, dual voltage motor will replace hundreds of OEM shaded pole evaporator fan motors. This motor delivers more power with a lower AMP draw and can save the user up to 50% in energy usage.

Product Features:

- Ball Bearings Have All Angle Thrust System
- Automatic Reset Thermal Overload Protector
- Reversible Plug for Easy Rotation Change
- PSC Design with Capacitor Included
- 12" Leads
- UL and CSA Recognized
- 50°C Ambient
- Save Energy
- Reduce truck-stocking costs
- Mount by belly band, or four studs on each end (8-32 x 1/2"), supplied with mounting nuts



New Feature!
Reversing plug
makes for
easy rotation
change!



ALL DIMENSIONS ARE IN INCHES

Replacement for:

Century:

9721

Fasco:

9721, D1101, D1103, D1122, D1123, D1124, D1125, D1126, D1127, D1152, D1154, PD1125, PD1127,
7163-2113, 7163-3371, 7190-0442, 7190-2084, 7190-2255, 7190-2285, 7190-2969

GE:

5KSM59ES2001, 5KSM59JSK143S, 5KSM59JS5036S, 5KSM59LS2262AS

OEM Part Numbers:

25308601, 25309101, 2531194, 2531195, 7071061

Split Phase and Capacitor Start Oil Burner Motors

Totally Enclosed When Mounted

APPLICATIONS:

Designed to meet manufacturer's requirements for oil burners.

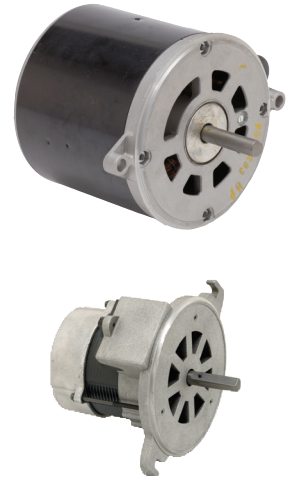
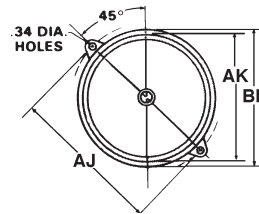
FEATURES:

40°C Ambient
20" Leads, Located At 3 O'clock Viewed From End Opposite Shaft
1.0 Service Factor
Reversible Rotation, Except As Noted
Manual Reset Thermal Overload Protector

For Mounting Outlet Box
56N Flange Is Enclosed, 48M And 48N Flange Are Ventilated
Bearings Have All Angle Thrust System
Ball Bearings

56N Frame Has 2 Holes And Screws

NEMA Frame	Bolt Circle AJ	Flange Dia. AK	Outside Dia. BD
48M	6.75"	5.500"	6.25" max
48N, 56N	7.25"	6.275"	7.00" max



OEM Direct Replacements: Beckett®, Carlin®, Ducane®, Wayne Home®, (CWLE)

HP	RPM	Voltage	Catalog Number	NEMA Frame	Amps	Shaft N	Shaft U	Protector	Total C	Ship Wt.	Notes
1/7	3450	115	3274	48M	1.7	2.0	0.500	Auto	6.7	10	84, 86, H46, 78
	3450	115	5866	48M	2.6	2.0	.500	Man	7.8	11	78, 84

Flange Mounted, Totally Enclosed, Non-Ventilated When Mounted, Without Base

HP	RPM	Voltage	Catalog Number	NEMA Frame	Amps	Shaft N	Shaft U	Protector	Total C	Ship Wt.	Notes
1/8	1725	115	3196	48N	2.4	2.0	.500	Man	8.8	12	85, 78
1/7	3450	115	3083	48M	2.6	2.0	.500	Man	8.1	10	F
1/8	3450	115	2097	48N	2.4	2.7	.500	Man	7.8	8	78
1/4	3450	115	2302	48N	3.7	2.0	.500	Man	9.1	15	F

Note 78: Class B Insulation System
Note 84: Non-Reversible
Note 85: Removable Face Plate
Note 86: PSC Motor, Capacitor Included

Note H46: 3.7" Body
Note F: Class F Insulation

Permanent Split Capacitor PEP® High Efficiency Condenser Fan Motor

5.6" Diameter, Totally Enclosed, Air Over (TEAO)

APPLICATIONS:

High efficiency PSC motors for condenser fans.

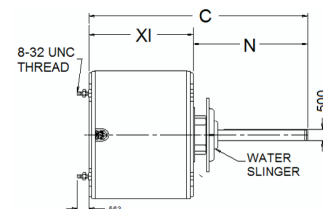
FEATURES:

76% Efficiency Design
158°F (70°C) Ambient Design
Ball Bearings Have All Angle Thrust System
Class F Insulation
Designed For Use With 370V Capacitors
Ball Bearing

48" Leads
Hubless Lead End
Drain Holes Both Ends
Reversible Rotation
Automatic Reset Thermal Overload Protector
Continuous Duty



3736PEP



Stud Mount, Without Capacitor, Extreme High Ambient Design, All Angle Mount

HP	RPM	Voltage	Catalog Number	Cap. MFD	Amps	Shaft N	Shell XI	Total C	Ship Wt.
1/4	1115	460	3736PEP	7.5	0.7	5.0	4.6	9.6	11
1/3	1130	208-230	1861PEP	7.5	1.7	5.0	5.1	10.1	15
	1115	460	3737PEP	7.5	1.0	5.0	5.1	10.1	15
1/2	1130	208-230	1862PEP	10	2.5	5.0	5.6	10.6	19
	1115	460	3738PEP	10	1.4	5.0	5.6	10.6	19

RESCUE® PERFECTSPEED® Commercial Booster Pump Motor

EC Motor, Control and User Interface

Efficiency, Simplicity and Technology Breakthrough

Reduce Electricity Use – Up to 82% Efficiency Electronically Commutated Motor (ECM) can provide 70%-90% in electricity savings vs. constant speed pumps.

Simple Installation – Integrated adjustable speed control and motor are factory prewired. Simply connect the power supply. Eliminate the cumbersome wall-mounted drive and its associated programming and wiring issues.

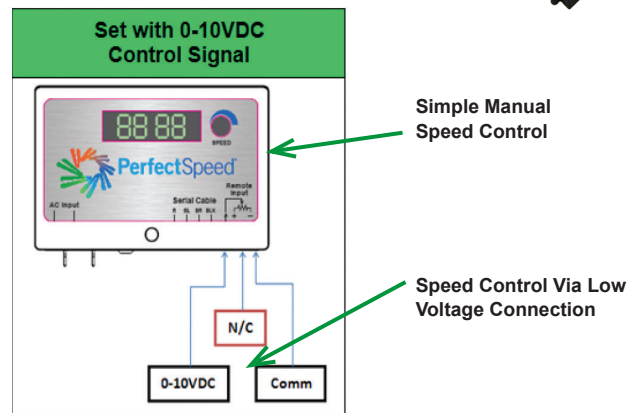
Technology – Manually adjust the motor speed to optimize the system efficiency or allow the system to communicate to the motor control when variable demand is preferred.

Typical Efficiency Curve of Motor and Drive

Traditional commercial duty pumps run at only one speed and the one speed is high speed. Most pumps are usually oversized for the application and they rely on induction motor technologies which are far less efficient than ECM technology. This results in traditional pumps being energy hogs. ECM technology can save commercial building owners 30% to 90% in energy savings.

Pump Motor Speed vs. Power Consumption

This graph shows the large increase in energy consumption when running the pump and motor at high speeds. Slowing the pump and motor speed saves significant energy dollars, similar to better automobile gas mileage when driving 40 mph versus 70 mph.



Key Features and Benefits

Variable Speed Pump Motor
No Programming Required
GFCI Compliant Product
UL and CSA Listing
Allows for:

- Improved Hydraulic Efficiency
- Quieter Pump Operation
- Longer Pump Life
- Energy Payback in Less Than Two Years
- No Third-party Drive to Install

Specifications

Horsepower: 1/4, 1/2, 3/4, 1 HP

Volts: 115 or 230

RPM: 300 to 1800 RPM

Mounting: NEMA® 56C or 56J Frame

Thread Size (56J):

7/16-20 UNF-2A

Stainless Steel Shaft

Ball Bearings

On Board Control:

Fully Potted Electronics

Manual Speed Control or 0-10Vdc Control

EMI Compliant Regarding Class B Radiated and Conductive Emissions

Applications

Hydronic Pumping

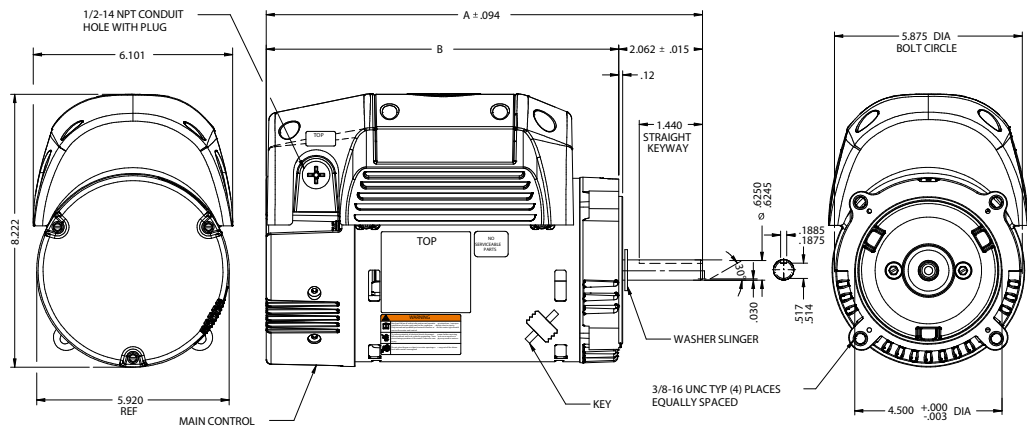
Chemical Processing

Filtration Systems

Water Pressure Boosting Systems

Commercial Pumping Applications

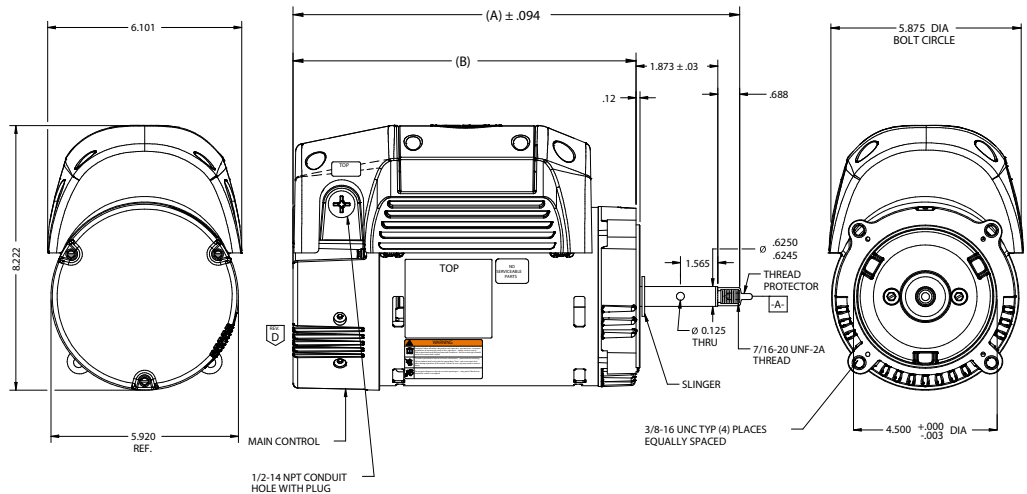
Dimension Print



C-Flange, Keyed Shaft

Catalog No.	HP	RPM	VOLTS	AMPS	HZ	ROTATION	A	B	FRAME SIZE
EC8300	¼ - ½	1800/VAR SPD	115	6.1-6.5	60 & 50	CCWDE REV	12.832	10.77	56C
EC8310	¼ - ½	1800/VAR SPD	208-230	3.4-3.2 & 3.5-3.3	60 & 50	CCWDE REV	12.832	10.77	56C
EC8320	¾	1800/VAR SPD	115	8.2-9.1	60 & 50	CCWDE REV	12.832	10.77	56C
EC8330	¾ - 1	1800/VAR SPD	208-230	6.8-6.4 & 6.9-6.5	60 & 50	CCWDE REV	12.832	10.77	56C
EC8320F*	¾	1800/VAR SPD	115	8.2-9.1	60 & 50	Reversible	12.832	10.77	56C

*Footed



J-Flange, Threaded Shaft

Catalog No.	HP	RPM	VOLTS	AMPS	HZ	ROTATION	A	B	FRAME SIZE
EC8340	¼ - ½	1800/VAR SPD	115	6.1-6.5	60 & 50	CCWDE	13.331	10.77	56J
EC8350	¼ - ½	1800/VAR SPD	208-230	3.4-3.2 & 3.5-3.3	60 & 50	CCWDE	13.331	10.77	56J
EC8360	¾	1800/VAR SPD	115	8.2-9.1	60 & 50	CCWDE	13.331	10.77	56J
EC8370	¾ - 1	1800/VAR SPD	208-230	6.8-6.4 & 6.9-6.5	60 & 50	CCWDE	13.331	10.77	56J

RESCUE® PerfectSpeed® ECM Ventilation Motor

with User Interface for Speed Control High Efficiency

APPLICATIONS:

Commercial Ventilation and other air moving applications

FEATURES:

User Interface:

0-10 VDC, remote or on-board potentiometer
LED display indicates RPM and percent of demand
Powered off any line voltage from 115V-277V
no separate transformer required
300 RPM minimum speed
Optional remote potentiometer (customer supplied) allows control from up to 50' away

Motor:

High Efficiency ECM Motor
Open Air Over
Efficiency: Up to 82%
Frame: NEMA® 48
Motor output is indicated via a 7 segment LED

**Limited Stock!
Order now!**



1200 RPM

HP	RPM	Volts	Catalog Number	Amps	HZ	Rotation	Shell Length (A)	Shaft Length (D)	Shaft Dia.	Total Length (B)	Ship Wt.
1-3/4	300-1200	277	7650UI	6.0	50/60	CWLE	4.531	4.5	0.5	11.75	18
1/2-1/3	1250/VAR	115/208-230	8631UI	6.2/4.2-3.8 & 6.6/4.0-3.8	60&50	CCWLE	3.531	4.5	0.5	10.25	12
1-3/4	300-1200	115/208-230	8650UI	11.0/7.7-6.7 & 11.8/7.3-6.6	60&50	CWLE	4.531	4.5	0.5	11.75	18



7631UI

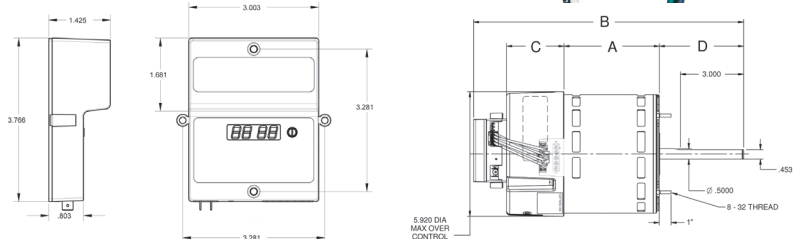
1800 RPM

HP	RPM	Volts	Catalog Number	Amps	HZ	Rotation	Shell Length (A)	Shaft Length (D)	Shaft Dia.	Total Length (B)	Ship Wt.
1/2	300-1800	115/230	8430UI	5.6/3.2	50/60	CWLE	3.531	4.5	0.5	10.25	12



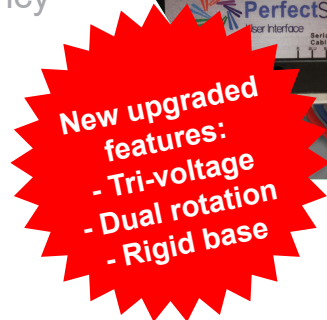
Flexible User Interface:

User Interface can be mounted directly to motor or remote mounted within unit enclosure
Vertical or horizontal mounting to a standard receptacle box using mounting holes provided
Adjust motor speed by using the on-board or a user-supplied external potentiometer



RESCUE® PerfectSpeed® ECM Ventilation Motor

with User Interface for Speed Control High Efficiency



- Enhances RESCUE PERFECTSPEED ECM capabilities by providing onboard or remote speed adjustment
- User Interface provides precise control of the RESCUE PERFECTSPEED ECM
- Onboard speed adjustment allows simple set-up and balancing in air moving systems
- 0-10V input compatible with common HAC and building management systems



Product Overview

The PERFECTSPEED User Interface expands the capabilities of PERFECTSPEED EC motors by providing greater control and flexibility. The User Interface allows direct control of the motor via an onboard pot or remote potentiometer. The User Interface can also control the PERFECTSPEED motor via a common 0-10V input. The User Interface can be mounted directly to the motor or remote mounted within the equipment.

Key Features and Benefits

- Up to 82% efficient, 30% better than common PSC motors
- 0-10VDC or onboard potentiometer
- LED display indicates speed and percentage of demand
- User Interface mounted directly to the motor or remote mounted within the unit enclosure
- Optional remote potentiometer (customer supplied) allows control from up to 3' away



Product Specifications

Horsepower: 1/2-1/3, 1-3/4 HP

Voltage: 1Ø, 115/208-230-277

Speeds: 1200 VAR

Inputs: 0-10VDC, remote potentiometer or onboard pot

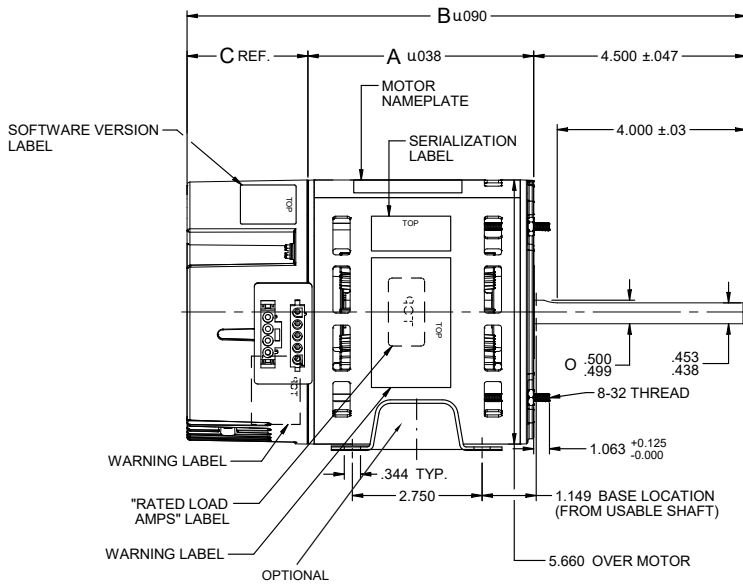
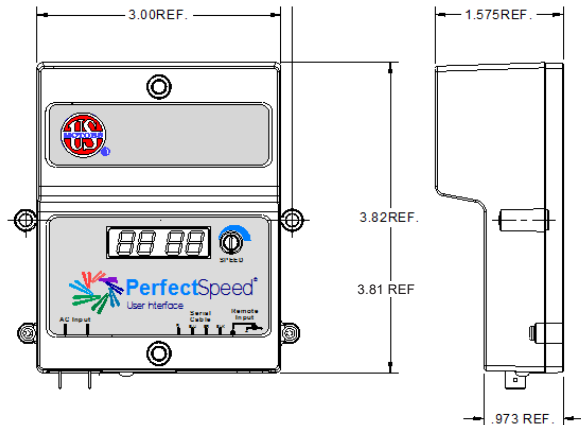
Operation Mode: Constant Torque

Frame: NEMA® 48

Enclosure: Open Air Over (OAO)

Mounting: Belly Band/Stud Mount or Rigid Base





RIGID BASE									
CATALOG NUMBER	HP	RPM	VOLTS	AMPS	HZ	ROTATION	DIM. A	DIM. B	DIM. C
B8630UI	1/2-1/3	1200/VAR	115/208-230	6.4/4.0-3.8 & 6.4/4.0-3.8	60 & 50	CW LE REV	4.787	11.350	2.063
B8650UI	1-3/4	1200/VAR	115/208-230	12.1/7.6-7.1 & 12.1/7.6-7.1	60 & 50	CW LE REV	4.787	11.850	2.563
B8430UI	1/2-1/3	1800/VAR	115/208-230	6.8/4.2-4.1 & 6.8/4.1-4.1	60 & 50	CW LE REV	4.787	11.350	2.063
B8450UI	1-3/4	1800/VAR	115/208-230	11.1/6.7-6.6 & 10.9/6.6-6.7	60 & 50	CW LE REV	4.787	11.850	2.563

BELLY BAND / STUD MOUNT									
CATALOG NUMBER	HP	RPM	VOLTS	AMPS	HZ	ROTATION	DIM. A	DIM. B	DIM. C
8652UI	1-3/4	1200/VAR	115/208-230-277	12.0/7.5-7.1-6.2 & 12.0/7.6-6.9-6.2	60 & 50	CW LE REV	4.787	11.85	2.563
8642UI	3/4-1/2	1200/VAR	115/208-230-277	9.4/5.9-5.6-4.8 & 9.4/6.0-5.6-4.9	60 & 50	CW LE REV	4.412	11.475	2.563
8632UI	1/2-1/3	1200/VAR	115/208-230-277	6.6/4.2-3.9-3.4 & 6.5/4.2-3.9-3.4	60 & 50	CW LE REV	4.037	11.1	2.563
8452UI	1-3/4	1800/VAR	115/208-230-277	11.1/6.7-6.6-6.0 & 10.9/6.6-6.7-6.0	60 & 50	CW LE REV	4.412	11.475	2.563
8442UI	3/4-1/2	1800/VAR	115/208-230-277	8.8/5.4-5.2-4.7 & 9.0/5.4-5.2-4.7	60 & 50	CW LE REV	4.037	11.1	2.563
8432UI	1/2-1/3	1800/VAR	115/208-230-277	6.3/4.1-3.7-3.4 & 6.3/4.1/3.8-3.4	60 & 50	CW LE REV	3.662	10.725	2.563

RESCUE® PerfectSpeed® ECM Ventilation Motor

- User Interface can be mounted directly to the motor control or remotely, providing easy access.
- Vertical or horizontal mounting to a standard receptacle box using mounting holes provided.
- Adjust motor speed by using the onboard potentiometer or a user-supplied external potentiometer.
- Powered off any line voltage from 115V-277V no separate transformer required.
- User Interface display alternates between motor speed and input demand.



New and improved!

RESCUE Select Pro® Programming App

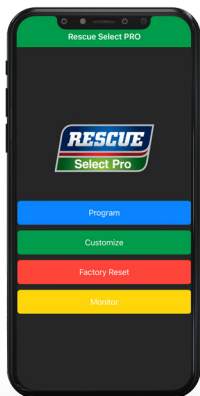
Preprogrammed but the app gives you the ability to match the OEM profile in the palm of your hand!



Product Overview

There's no longer a need to go back to the OEM to get an exact replacement! The RESCUE Select Pro app allows the contractor to reprogram the RESCUE Select Pro to match the OEM motor's speed profile. In addition, by reprogramming the RESCUE Select Pro, no wiring modifications are needed.

Programming only takes seconds ... literally!



Download the RESCUE Select Pro Programming app FREE from Google Play or the App Store.



Universally preprogrammed with the option to reprogram using the app to match the OEM motor's speed profile.



Google Play and the Google Play logo are trademarks of Google Inc.;
App Store is a trademark of Apple Inc.

Rescue EcoTech® Outdoor 48 EC Condenser Fan Motor

High Efficiency ECM for Residential & Commercial HAC Condenser Fans

- Robust EC motor designed specifically for outdoor condenser applications
- Multiple mounting positions to fit a wide range of condenser designs
- ECM efficiency supports high SEER targets in air conditioning systems

Product Overview

RESCUE EcoTech® Condenser Fan Motor is developed to stand up to harsh environments and temperatures found in outdoor condensing units. The RESCUE EcoTech® Condenser Fan Motor provides the efficiencies required for high SEER air conditioning systems.

The motor is designed with a line-start feature that allows for quicker installation with fewer components out-of-the-box. The motor is programmed to match the rotation and speed most preferred by major equipment manufacturers, and offers the flexibility for adjustment to speed and rotation.

Key Features and Benefits

- Line-voltage starting motor with 2 speeds
- Surge protection: 6000V
- 24V speed tap to adjust second speed
- 24V rotation tap to change rotation
- High 60°C max ambient operating temperature
- 2 Year Warranty from date of installation

Specifications

Catalog no: 5561EO and 5562EO

Horsepower: 1/3-1/5 HP

Voltage: 208 - 230 Volts

Speeds: 825 and 1075 RPM

Rotation: Reversible

Operation Mode: Constant Speed

Frame: NEMA® 48

Enclosure: Totally Enclosed Air Over (TEAO)

Efficiency: Up to 75%

Mounting: Shaft Down/Stud (5561EO)
Shaft Up (5562EO)

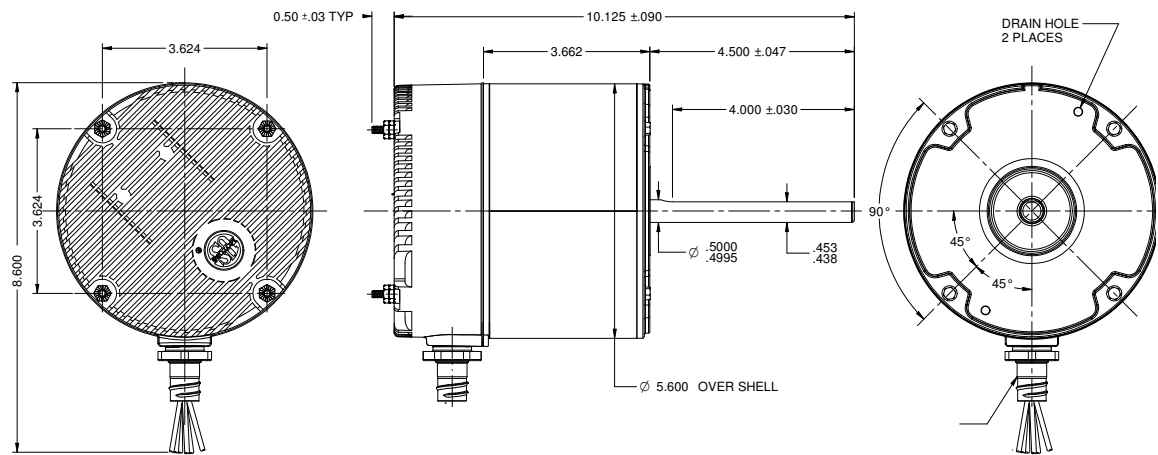


5562EO

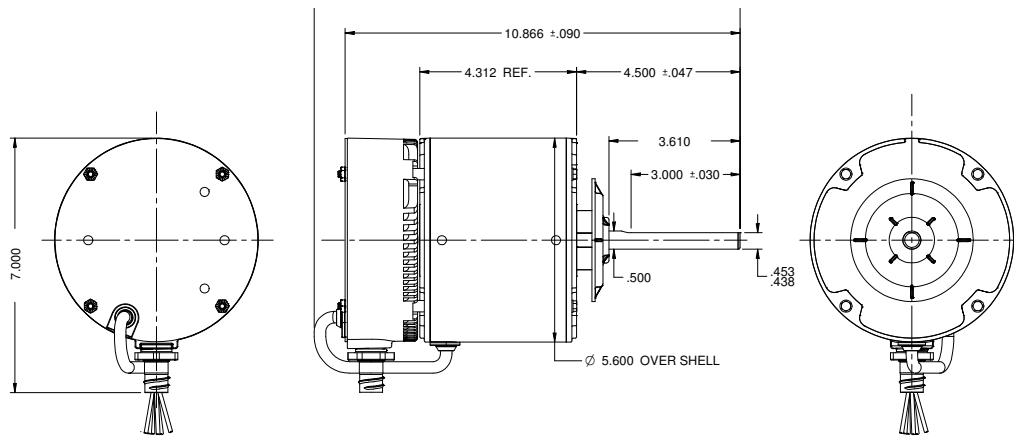


5561EO

Dimension Print



Shaft Down Design (5561EO)



Shaft Up Design (5562EO)

WIRING CHART				
Rotation	RPM	YEL	ORG	BLUE
CCWLE	1075*	-	-	-
	825	24VAC	-	24VAC
CWLE	1075	-	24VAC	
	825	24VAC		
* Line Voltage Connection Only				

Rescue EcoTech® Outdoor 56 EC Condenser Fan Motor

High Efficiency ECM for
Commercial Refrigeration Condensers

- High-efficiency EC motor reduces energy use, especially at partial output
- Accurate airflow control improves overall system efficiencies
- Compact, integrated motor and drive system
- Easily integrates into existing air cooled condenser designs
- Interface board simplifies setup, eliminates need to program each motor

Product Overview

The RESCUE EcoTech® Outdoor 56 electronically commutated variable speed motor provides the high-efficiency and accurate airflow control to meet customers' requirements in commercial refrigeration and HAC condenser systems. This motor is available as a 3 phase, 208-230VAC or a 3 phase, 460VAC configuration and output is controlled at 0-10V input common to commercial refrigeration and HAC systems.

Key Features and Benefits

- ECM design provides high efficiency over broad RPM range
- Totally enclosed air-over design with integrated motor control
- Onboard interface board allows easy setup at installation without need for separate programming
- Horizontal or shaft-up mounting
- Active power factor correction

Specifications

Horsepower: 2 1/4 or 2 1/2 HP

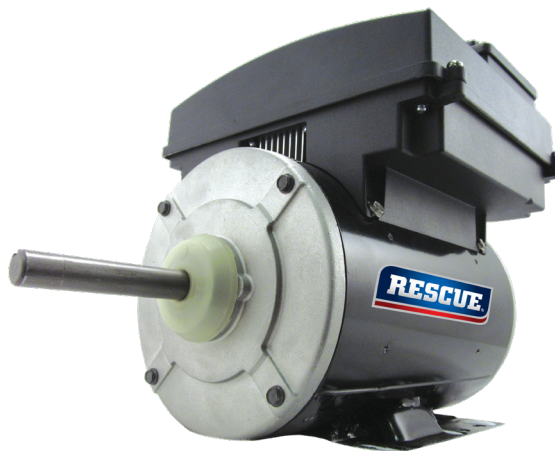
Voltage: 3Ø, 208V-230V or 460V

Speeds: 300 - 1200 RPM

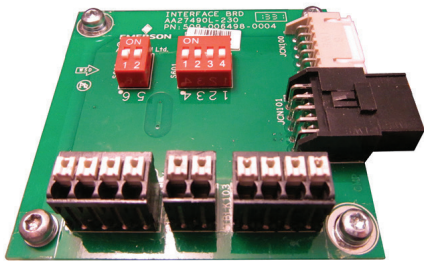
Inputs: 0-10Vdc or 10-0Vdc

Operation Mode: Constant Speed

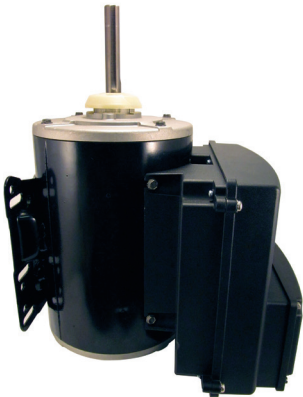
Frame: NEMA® 56



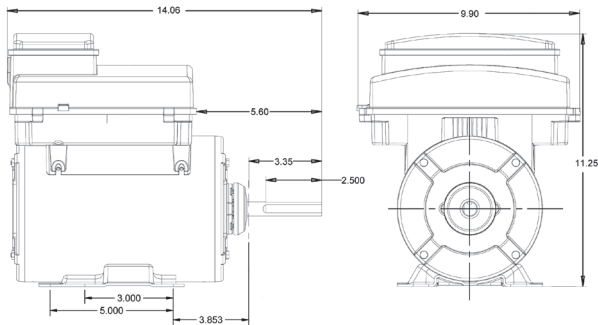
Dimension Print



Onboard interface board provides motor setup without need for separate programming. Allows setting of direction, max output and easy connection of signal inputs

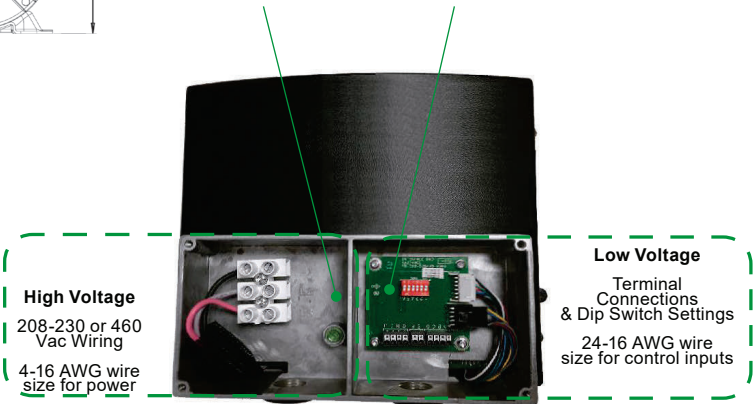
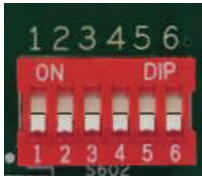


Totally enclosed air over designed for shaft-up and horizontal mounting.



Switch	Description	ON	OFF (Default)
1	Logic Input Signal	10-0 Vdc or 20-0 mA	0-10 Vdc or 0-20 mA
2	Speed	1200 RPM	900 RPM
5	Analog Input Signal	0-20 mA	0-10 Vdc
6	Shaft Rotation*	Clockwise	Counter-clockwise

*Shaft rotation as viewed from opposite of shaft end



CATALOG NO.	HP	VOLTS	AMPS	HZ	RPM	ROTATION
6361EO	2 1/2	208-230	6.5-5.8	60/50	300-1200	REVERSIBLE
6362EO	2 1/4	460	2.7	60/50	300-1200	REVERSIBLE



EZ13[®]

UNIVERSAL ECM REPLACEMENT
FOR FURNACES AND AIR HANDLERS



Truck Stock



Universal Replacement



Ready to Install



Replaces Thousands
of OEM Models

Improved
Reliability With:



Built-in 6,000 Volt
surge protection



Industry-leading
moisture protection



No
Programming
Required

RESCUE EZ13

Cont'd

SPECIFICATIONS

HORSEPOWER: 1/3-1/2, 3/4 AND 1 HP

VOLTAGE: 1Ø, 115, 208-230 Vac

SPEEDS: 1075/Var

ROTATION: Auto-Rotation Sensing

INPUTS: 24Vac, Tap Inputs

HERTZ: 50/60 Hz

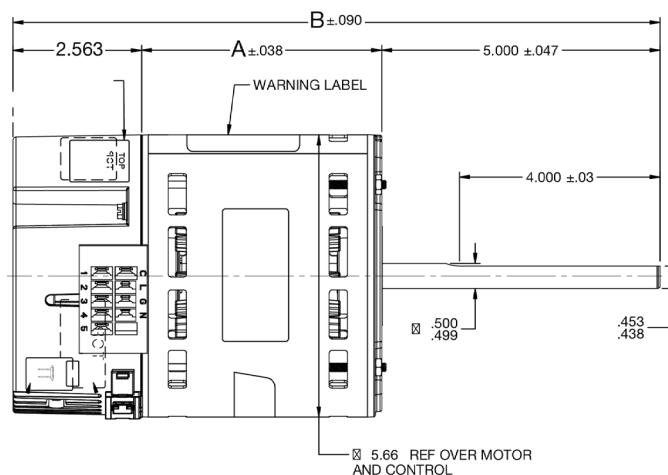
OPERATION MODE: Constant Torque

FRAME: NEMA® 48

ENCLOSURE: Open Air Over (OAO)

EFFICIENCY: Up to 82%

MOUNTING: Belly-band



DUAL VOLTAGE

CATALOG NUMBER	HP	VOLTS	AMPS	RPM	DIM. A	DIM. B
5632	1/2-1/3	115/208-230	6.3/4.0-3.8	1075/Var	3.662	11.225
5642	3/4	115/208-230	9.3/5.8-5.4	1075/Var	4.037	11.600
5652	1	115/208-230	12.4/7.8-7.2	1075/Var	4.412	11.975

SINGLE VOLTAGE

CATALOG NUMBER	HP	VOLTS	AMPS	RPM	DIM. A	DIM. B
56210S	1	208-230	12.4/7.8-7.2	1075/Var	4.412	11.975
56207S	3/4	208-230	9.3/5.8-5.4	1075/Var	4.037	11.600
56205S	1/2-1/3	208-230	6.3/4.0-3.8	1075/Var	3.662	11.225
56110S	1	115	12.4/7.8-7.2	1075/Var	4.412	11.975
56107S	3/4	115	9.3/5.8-5.4	1075/Var	4.037	11.600
56105S	1/2-1/3	115	6.3/4.0-3.8	1075/Var	3.662	11.225

460V EZ13

CATALOG NUMBER	HP	VOLTS	AMPS	RPM	HZ	ROTATION	DIM. A	DIM. B	DIM. C
5654	1	460	2.3	1050/Var	60 & 50	CCW LE REV	4.656	12.493	2.837
5644	3/4	460	1.7	1050/Var	60 & 50	CCW LE REV	4.281	12.118	2.837
5634	1/2	460	1.2	1050/Var	60 & 50	CCW LE REV	3.906	11.743	2.837
5624	1/3	460	0.8	1050/Var	60 & 50	CCW LE REV	3.531	11.368	2.837



EZ16[®]

UNIVERSAL ECM REPLACEMENT
FOR FURNACES AND AIR HANDLERS



Truck Stock



Universal Replacement



Field Tunable
with EZI
(included)



Replaces Thousands
of OEM Models

Improved
Reliability With:



Built-in 6,000 Volt
surge protection



Industry-leading
moisture protection



**16-Pin
Variable Speed
Replacement
Motor**

EZ Interface (EZI) as easy as 1,2,3...



- 1 Select your voltage
- 2 Select your horsepower
- 3 Adjust your airflow to meet requirements

EZI

- Direct drop-in
- Connects the same as OEM
- Adjustable airflow at point of installation
- Multi-HP trim function to increase flexibility
- Remote mount for ease of access
- Universally compatible with all 2.0, 2.3, EON motors and Nidec16X4W

SPECIFICATIONS

HORSEPOWER: 1/3, 1/2, 3/4 and 1 HP

VOLTAGE: 1Ø, 115, 208-230 Vac

SPEEDS: 1075/Var

ROTATION: CCW or CW (24Vac) /
Auto-Rotation (PWM)

INPUTS: 24Vac or PWM

HERTZ: 50/60 Hz

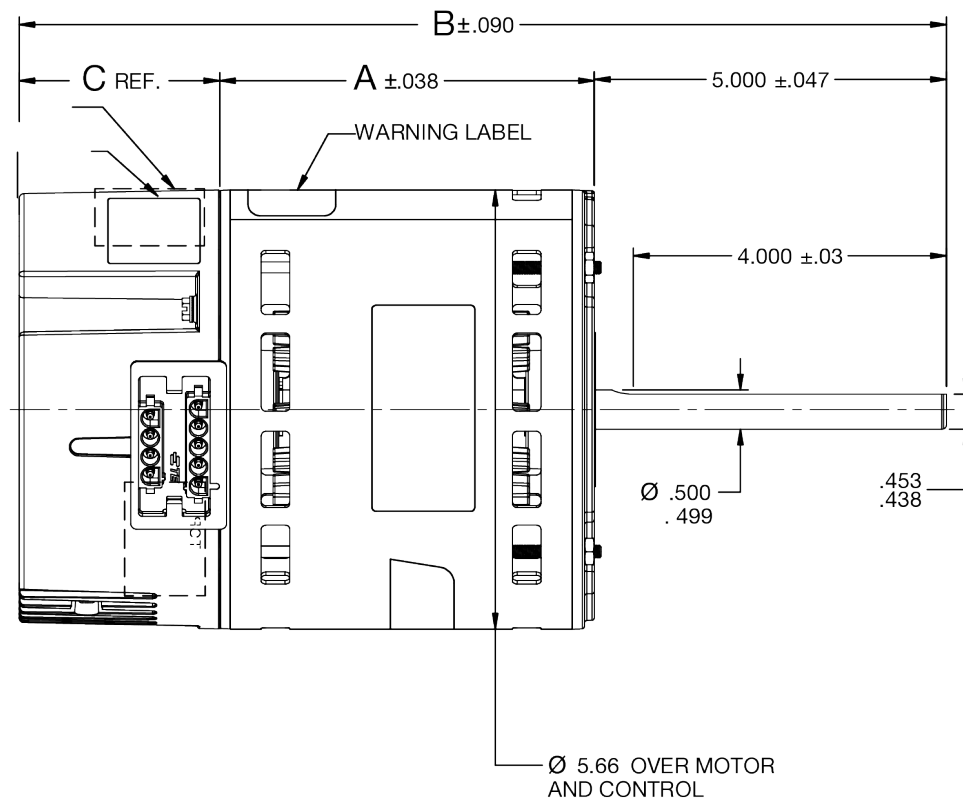
OPERATION MODE: Constant Torque

FRAME: NEMA® 48

ENCLOSURE: Open Air Over (OAO)

EFFICIENCY: Up to 82%

MOUNTING: Belly-band



CATALOG NUMBER	HP	VOLTS	AMPS	RPM	DIM. A	DIM. B	DIM. C
5863	1/3	115/208-230	4.5/2.9-2.7	1075/Var	3.412	10.475	2.063
5862	1/2-1/3	115/208-230	6.4/4.0-3.8	1075/Var	3.662	10.725	2.063
5861	3/4-1/3	115/208-230	9.3/5.9-5.5	1075/Var	4.037	11.100	2.063
5860	1-1/3	115/208-230	12.1/7.6-7.1	1075/Var	4.412	11.975	2.563



Select Pro™

PREPROGRAMMED WITH THE OPTION TO
MATCH THE OEM PROFILE

ECM REPLACEMENT FOR FURNACES AND
AIR HANDLERS



Truck Stock



OEM Direct Replacement



Programmable
and Tunable in
Operation



Replaces Thousands
of OEM Models

Improved
Reliability With:



Built-in 6,000 Volt
surge protection



Industry-leading
moisture protection



Integrated
Bluetooth®
Technology

New and
Improved
App!



Integrated Bluetooth® Technology

Preprogrammed,
Ready to install!

FREE from Google Play or the App store

No additional
programming tool
required!



GET IT ON
Google Play



Download on the
App Store

RESCUE Select Pro

Cont'd

SPECIFICATIONS

HORSEPOWER: 1/3, 1/2, 3/4 and 1 HP

VOLTAGE: 1Ø, 115, 208-230 Vac

SPEEDS: Programmable (1075/Var)

ROTATION: Programmable (CCW or CW)

INPUTS: 24Vac, Tap Inputs

HERTZ: 50/60 Hz

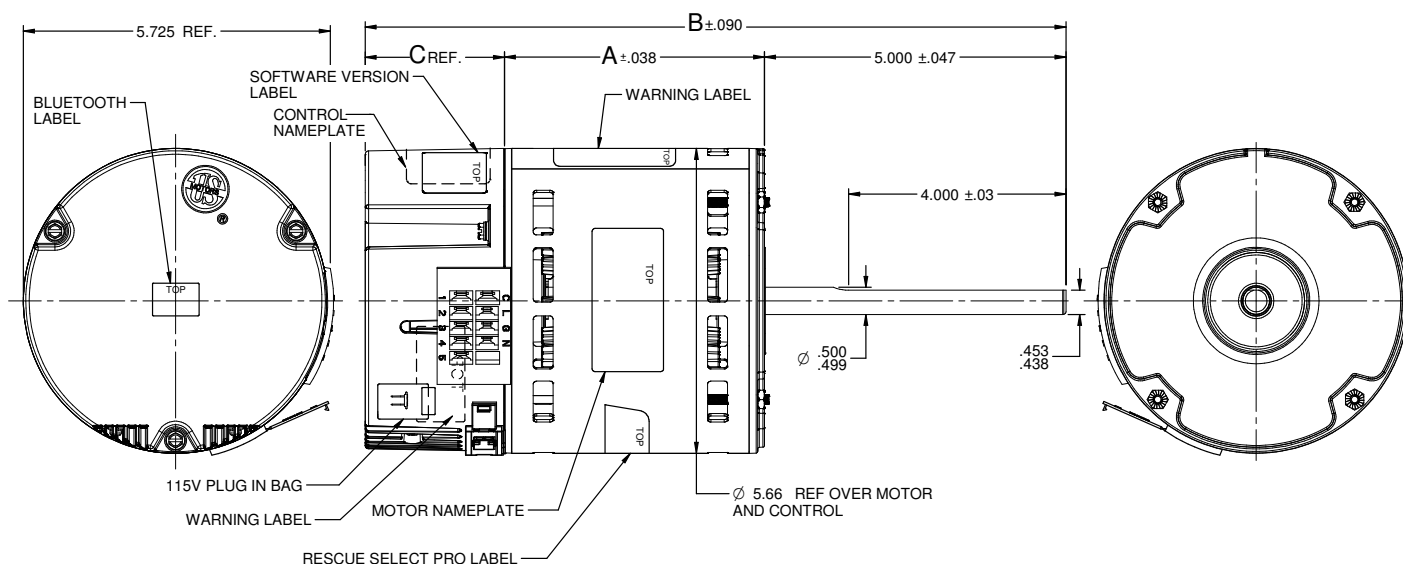
OPERATION MODE: Constant Torque

FRAME: NEMA® 48

ENCLOSURE: Open Air Over (OAO)

EFFICIENCY: Up to 82%

MOUNTING: Belly-band



CATALOG NUMBER	HP	VOLTS	AMPS	RPM	DIM. A	DIM. B
6633	1/2 -1/3	115/208-230	6.3/4.0-3.8	1075/Var	3.662	11.225
6643	3/4	115/208-230	9.3/5.8-5.4	1075/Var	4.037	11.6
6653	1	115/208-230	12.4/7.8-7.2	1075/Var	4.412	11.975



EcoTech[®]

**DIRECT DRIVE
BLOWER MOTOR**



Truck Stock



Universal Replacement



Ready to Install



Replaces Thousands
of OEM Motors

**Improved
Reliability With:**



Built-in 6,000 Volt
surge protection



Industry-leading
moisture protection



**PSC to
ECM
Upgrade**

SPECIFICATIONS

HORSEPOWER: 1/5, 1/4, 1/3, 1/2, 3/4 AND 1 HP

VOLTAGE: 1Ø, 115, 208-230 VAC

SPEEDS: 600 - 1075 RPM

ROTATION: REVERSIBLE

INPUTS: HIGH VOLTAGE TAP INPUTS

HERTZ: 50/60 HZ

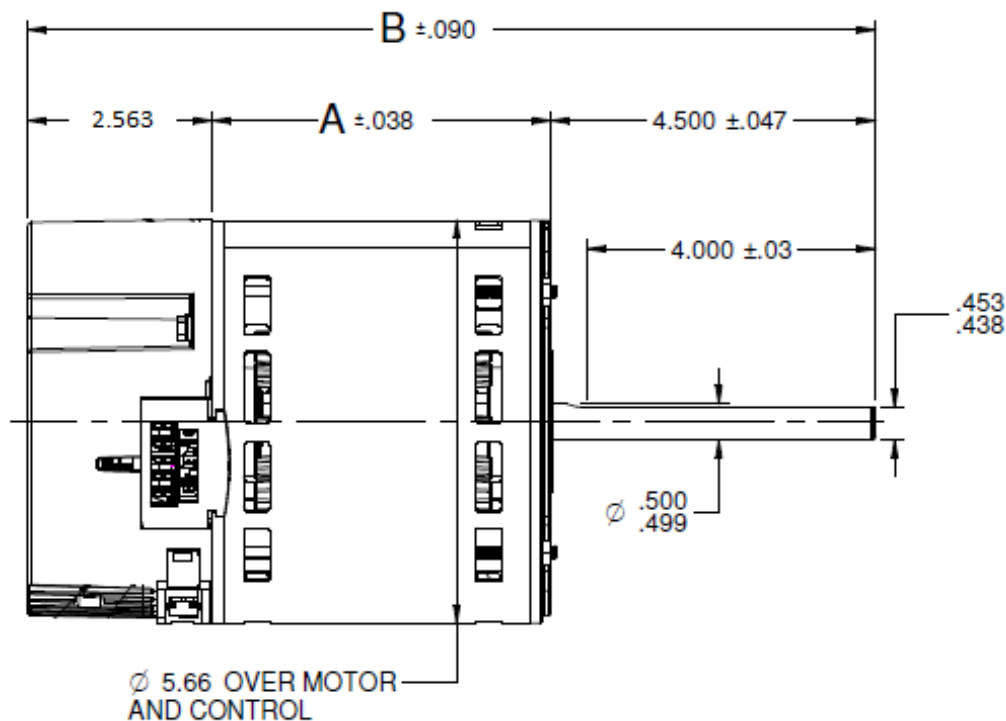
OPERATION MODE: CONSTANT TORQUE

FRAME: NEMA® 48

ENCLOSURE: OPEN AIR OVER (OAO)

EFFICIENCY: UP TO 82%

MOUNTING: BELLY-BAND



CATALOG NUMBER	HP	VOLTS	AMPS	RPM	DIM. A	DIM. B
5522ET	1/3-1/5	115/208-230	4.6/3.0-2.8	1075/Var	3.412	10.475
5532ET	1/2-1/4	115/208-230	6.8/4.4-4.1	1075/Var	3.662	10.725
5542ET	3/4-1/3	115/208-230	9.6/6.2-5.8	1075/Var	4.037	11.1
5552ET	1-1/2	115/208-230	12.6/8.1-7.4	1075/Var	4.412	11.475

PerfectSpeed®



- Drop-in replacement motor for select Nidec ratings, no programming required
- ClimateTalk™ serial communication or PWM for precise control of motor.
- Speed feedback enabled for accurate measure of motors performance
- Field convertible to either: PerfectSpeed User interface with PS UI kit | EZ16 with EZI user interface kit

Product Overview and Options

The PERFECTSPEED® EC Motor system is the solution to meet the increasing demand for electrically commutated motors (ECM) in modern HAC and ventilation systems. With a wide range of control options, voltages and mechanical configurations, the PerfectSpeed motor offers the high efficiency and precise airflow control needed in a broad array of air-moving applications, all backed by Nidec's extensive ECM experience and close application support.

Specifications

Horsepower: 1/3, 1/2, 3/4, 1HP

Voltage: 115/208-230/277

Speeds: 300 – 1200 or 300 – 1800 RPM

Inputs: 2 Way Serial Communication & PWM

Operation Modes: Constant CFM, Constant Torque, Constant Speed

Frame: NEMA® 48

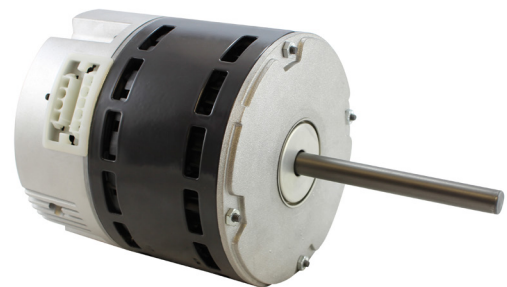
Enclosure: Open Air Over (OAO)

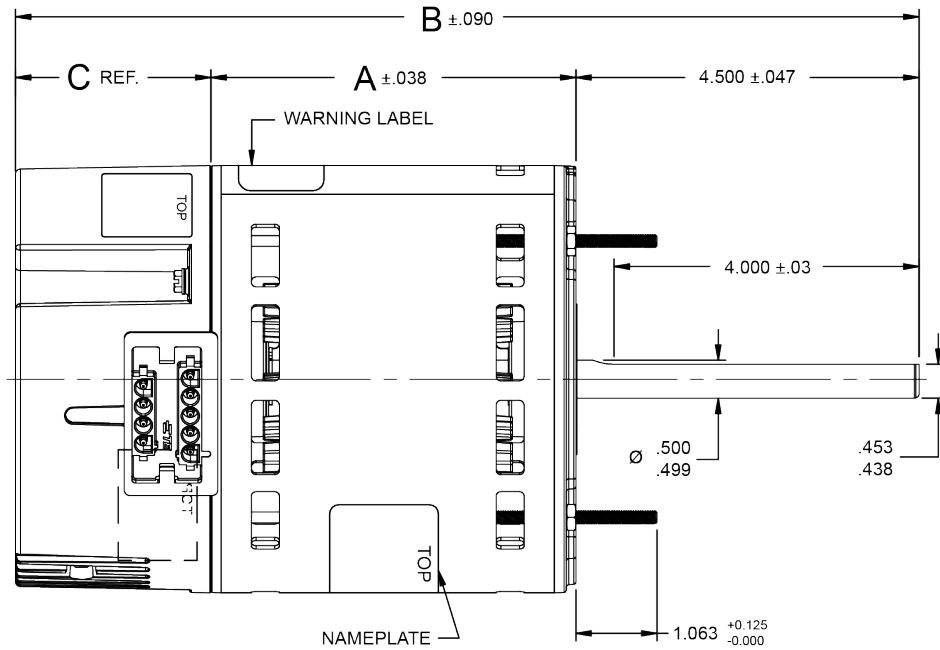
Efficiency: Up to 82%

Mounting: Belly-band, Stud Mount

Key Features and Benefit

- Up to 82% efficient, 30% better than common PSC motors
- Robust, integrated electronics with advanced thermal and overload protection
- Full communicating control via the ClimateTalk™ communication protocol
- Range of analog inputs and controls, including PWM and 0-10V
- Advanced programming software reduces development and testing
- Ready to go out of the box





CATALOG NO.	HP	VOLTS	HZ	RPM	AMPS	ROTATION	DIM. A	DIM. B	DIM. C
8650PS	1	115/208-233-277	60&50	1050/VAR	12.0/7.5-7.1-6.2 & 12.0/7.6-6.9-6.2	CCW LE REV	4.787	11.850	2.563
8640PS	3/4				9.4/5.9-5.6-4.8 & 9.4/6.0-5.6-4.9		4.412	11.475	2.563
8630PS	1/2				6.6/4.2-3.9-3.4 & 6.5/4.2-3.9-3.4		4.037	11.100	2.563
8620PS	1/3				4.7/3.0-2.8-2.4 & 4.6/3.0-2.8-2.4		3.662	10.725	2.563
8450PS	1			1800/VAR	11.1/6.7-6.6-6.0 & 10.9/6.6-6.7-6.0		4.412	11.475	2.563
8440PS	3/4				8.8/5.4-5.2-4.7 & 9.0/5.4-5.2-4.7		4.037	11.100	2.563
8430PS	1/2				6.8/4.2-4.1-3.7 & 6.8/4.1-4.1-3.7		3.662	10.725	2.563
8420PS	1/3				4.4/2.8-2.7-2.4 & 4.4/2.8-2.6-2.4		3.412	10.475	2.563

RESCUE EZ13® 460V

Universal ECM Replacement for Furnaces and Air Handlers



Truck Stock



Universal Replacement



Ready to Install



Replaces Thousands of OEM Models



Product Specifications

Horsepower: 1/3, 1/2, 3/4 and 1 HP

Voltage: 1Ø, 460 Vac

Speeds: 1075/Var

Rotation: CCW LE Reversible

Inputs: 24Vac, Tap Inputs

Hertz: 50/60 Hz

Operation Mode: Constant Torque

Frame: NEMA® 48

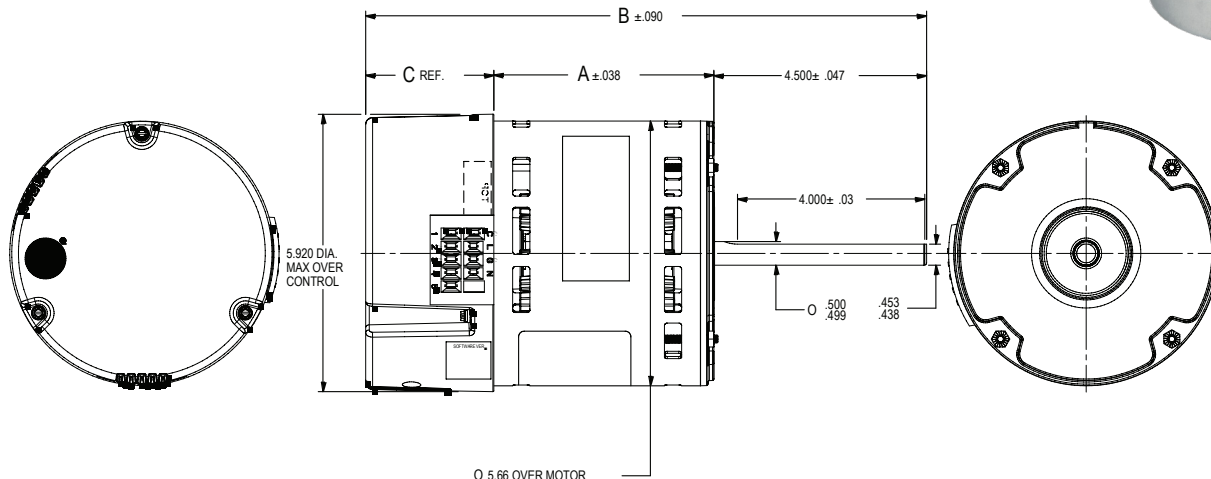
Enclosure: Open Air Over (OAO)

Efficiency: Up to 82%

Mounting: Belly band



Dimension Print



Improved Reliability With:



Built-in 6,000 Volt surge protection



Industry-leading moisture protection



CATALOG NUMBER	HP	VOLTS	AMPS	HZ	RPM	ROTATION	DIM. A	DIM. B	DIM. C
5654	1	460	2.3	60 & 50	1050/Var Spd	CCW LE REV	4.656	12.493	2.837
5644	3/4	460	1.7	60 & 50	1050/Var Spd	CCW LE REV	4.281	12.118	2.837
5634	1/2	460	1.2	60 & 50	1050/Var Spd	CCW LE REV	3.906	11.743	2.837
5624	1/3	460	0.8	60 & 50	1050/Var Spd	CCW LE REV	3.531	11.368	2.837

RESCUE EcoTech® Refrigeration Evaporator Fan Motor

Product Overview and Options

The RESCUE EcoTech Refrigeration Evaporator Fan Motor is developed to stand up to harsh environments and temperatures found in commercial refrigeration units. The RESCUE EcoTech Refrigeration Evaporator Fan Motor provides the increased efficiencies required for refrigerator evaporator applications. The motor features a Lyall plug and is designed with a line-start feature that allows for quicker installation with fewer components out-of-the-box.

Key Features and Benefits

- Line-voltage starting motor
- Totally enclosed air over (TEAO) motor and horizontal mounting position with drain holes
- -40°C min 60°C max ambient operating temperature

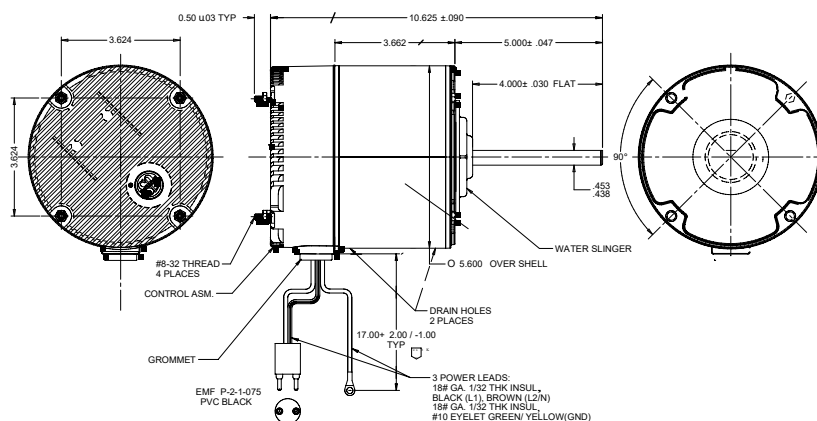


Product Specifications

- Horsepower: 1/3-1/5 HP
- Voltage: 1Ø, 208 - 230 Volts
- Speeds: 1145 RPM
- Rotation: CCW LE
- Operation Mode: Constant Speed
- Frame: NEMA® 48
- Enclosure: Totally Enclosed Air Over (TEAO)
- Efficiency: Up to 75%
- Horizontal belly band and rear stud mount
- Lyall Plug

HP	RPM	Voltage	Catalog	Amps	Bearing	Rotation	Shaft Length	Total Length
1/3 - 1/5	1145/Var	208-230	5563EOR	2.5	Ball	CCW Lead End	5.0"	10.625"

Dimension Print



VariTough® Inverter Duty Motors

Commercial Condenser Motors with AEGIS SGR Protection



Product Overview

VariTough® motors are designed with U.S. Motors® brand Inverter Grade® Insulation System that has had years of proven success in our commercial belt drive products leading to longer life, less downtime and lower maintenance costs. VariTough® motors are designed to meet the NEMA MG-1-Part 31 design guidelines, which most drive manufacturers recommend.

VariTough® Inverter Duty Motor Features:

- Inverter duty
- Designed to NEMA MG1-Part 31
- 70°C (158°F) max ambient
- Thermostat overload detection
- AEGIS® SGR Protection Ring included and mounted
- Class F insulation system
- Double-sealed ball bearings
- Shaft-up, open drip-proof enclosure
- Continuous duty, air over
- Voltage change device
- Reversible rotation
- Keyway and flat shaft

Product Specifications

Horsepower: 1/2 - 2 HP

Phase: Three

Speeds: 575, 850, 1140 RPM

Enclosure: Open Drip-Proof (ODP),
Shaft-up Design

With AEGIS® SGR
Protection



Belly Band Mount										
Catalog Number	HP	RPM	Volts	Amps	Frame	Bearings	Mount	Shaft (in.)***	Total Length	Wt. (lbs.)
1830VG	1	825	208-230/460	5.2-5.2/2.6	56YZ	Ball	Belly Band	5/8 x 6.0	16.3	43
1828VG	1	850	208-230/460	5.0-5.0/2.5	56YZ	Ball	Belly Band	5/8 x 6.0	16.8	32
1818VG	1	1140	208-230/460	4.3-4.3/2.1	56YZ	Ball	Belly Band	5/8 x 6.0	15.8	32
1832VG	1 1/2	850	208-230/460	7.2-7.2/3.6	56YZ	Ball	Belly Band	5/8 x 6.0	18.3	32
1819VG	1 1/2	1140	208-230/460	5.3-5.3/2.6	56YZ	Ball	Belly Band	5/8 x 6.0	16.3	43
8987VG	2	1140	208-230/460	7.8-7.8/3.9	56YZ	Ball	Belly Band	5/8 x 6.0	16.8	43
Rigid Base Mount										
1297VG	1/2	575	480	1.9	56HZ	Ball	Rigid	5/8 x 4.25	15	50
1139VG*	1/2	575	230/460	3.1/1.6	56YZ	Ball	Rigid	5/8 x 6.0	14.4	44
1833VG	1	850	208-230/460	5.0-5.0/2.5	56YZ	Ball	Rigid	5/8 x 6.0	16.8	42
1820VG	1	1140	208-230/460	4.3-4.3/2.1	56YZ	Ball	Rigid	5/8 x 6.0	15.8	38
1831VG	1 1/2	850	208-230/460	7.2-7.2/3.6	56YZ	Ball	Rigid	5/8 x 6.0	18.3	40
1821VG	1 1/2	1140	208-230/460	5.3-5.3/2.6	56YZ	Ball	Rigid	5/8 x 6.0	16.3	44
1822VG	2	1140	208-230/460	7.8-7.8/3.9	56YZ	Ball	Rigid	5/8 x 6.0	16.8	48

*Automatic Thermal Overload Protector

VariTough® Inverter Duty Motors

Now with removable base

New Product!

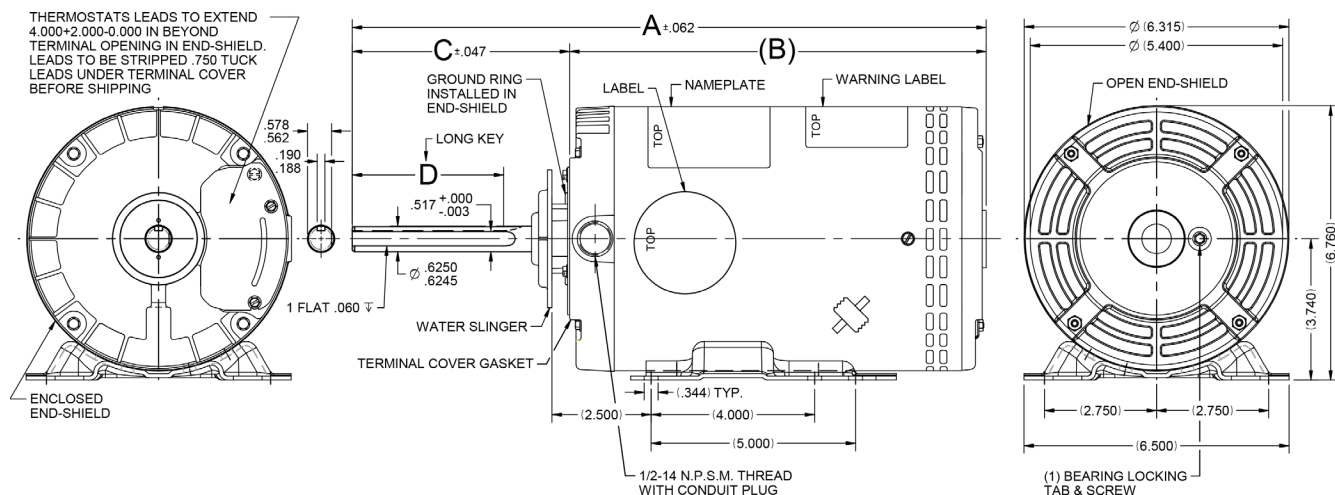
Product Overview

VariTough® motors are designed with U.S. Motors® brand Inverter Grade® Insulation System that has had years of proven success in our commercial belt drive products leading to longer life, less downtime and lower maintenance costs. VariTough® motors are designed to meet the NEMA MG-1-Part 31 design guidelines, which most drive manufacturers recommend.

VariTough® Inverter Duty Motor Features:

- Inverter duty
- Designed to NEMA MG1-Part 31
- 70°C (158°F) max ambient
- Thermostat overload detection
- AEGIS® SGR Protection Ring included and mounted
- Class F insulation system
- Double-sealed ball bearings
- Shaft-up, open drip-proof enclosure
- Continuous duty, air over
- Voltage change device
- Reversible rotation
- Keyway and flat shaft

Dimension Print



Catalog No.	A	B	C	D	HP	Volts	Amps	HZ	RPM	Rotation	Description / Remarks
1806VG	16.277	10.277	6.000	4.875	1.5	208-230/460	5.3-5.3/2.6	60	1140	Reversible	Condenser Fan with Varitough Removeable Base
1804VG	16.777	10.777	6.000	4.000	1.0	208-230/460	4.3-4.3/2.1	60	1140	Reversible	Condenser Fan with Varitough Removeable Base
1807VG	16.747	10.747	6.000	4.875	2.0	208-230/460	7.8-7.8/3.9	60	1140	Reversible	Condenser Fan with Varitough Removeable Base
1805VG	16.747	10.747	6.000	4.875	1.5	208-230/460	6.8-6.6/3.3	60	850	Reversible	Condenser Fan with Varitough Removeable Base
1803VG	16.747	10.747	6.000	4.875	1.0	208-230/460	5.0-5.0/2.5	60	850	Reversible	Condenser Fan with Varitough Removeable Base
1802VG	16.277	10.277	6.000	4.875	1.0	208-230/460	5.2-5.2/2.6	60	825	Reversible	Condenser Fan with Varitough Removeable Base

RESCUE® 3.3 ECM Walk-in Evaporator and Condenser Motors

Applications

High Efficient EC Refrigeration Motor designed for Walk-In Coolers/Freezer Applications

Features

- IP67: Capable of being submerged in water up to 30 minutes
- Suitable for use in Evaporator
- High Efficiency up to 70%
- UL/CUL Approved
- Operating Temperature Range Approximately -40°C to 55°C
- Rear Stud Mount Adapter Kit #42 (5/8") or Kit #42T (1 1/8")
- Dual Voltage: No Connection Change Required

- Body Style - Low Profile
- Standard 10-32 Thread Mounting Studs
- 27" Lyall Plug
- Thermally Protected
- Robust Ball Bearing System
- Meets ATEX Directive 94/9/EC
- Stainless shaft to prevent corrosion

Amps:

.60-.72@115V

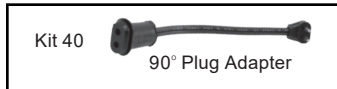
.40-.67@230V

HP	RPM	Voltage	Catalog Number	Amps*	Rotation	Shaft Length	Shaft Diameter	Ship Weight
1/15-1/25 (50W-30W)	1550/775	115-230	EC5409E	0.60-0.72/0.40-0.67	CCWOSE	.350	0.250	3.0
1/15-1/25 (50W-30W)	1550/800	115-230	EC5408E	0.60-0.72/0.40-0.67	CCWOSE REV	2.5	0.313	3.0
1/15-1/25 (50W-30W)	1550-1625	115-230	EC5407E**	0.14-0.72	CCWOSE	2.5	0.313	3.0

EC5408E replaces ED5404D and EC5405D

* Amp draw varies by voltage, applies to all ratings in group

** 3 Studs 120 degrees apart



RESCUE® ECM Refrigeration Motor

Applications

High efficient ECM refrigeration evaporator and condenser

Features

- IP67: Capable of being submerged in water up to 30 minutes
- Suitable for use in Evaporator and Condenser Applications
- High Efficiency up to 70%
- Universal Mounting - Including Elco Top Mount
- Standard 3 hole style/Hussmann 4 hole on back of motor
- Dual Voltage: No connection change required
- Electronically Protected

- Robust Ball Bearing System
- Aluminum Frame
- Standard Shaft Size 1/4-20 thread
- Operating Temperature Range: -40°C to 55°C
- Meets ATEX Directive 94/9/EC
- Stainless shaft to prevent corrosion
- UL/CUL approved



New Features!
-Dual Rotation
(EC5414N)
-Multi Speed
(EC5414N)
-Easily adaptable
front stud mount

HP	RPM	Voltage	Catalog Number	Amps*	Rotation	Shaft Length	Shaft Diameter	Ship Wt.
4-25W	1550-1725	115-230	EC5411E	.22-.75@115V	CWOSE	0.425	1/4 - 20 THD	2.0
4-25W	1550-1725	115-230	EC5412N	.15-.45@230V	CCWOSE	0.425	1/4 - 20 THD	2.0
4-25W	1650/1550	115-230	EC5414N**		CWOSE REV	0.425	1/4 - 20 THD	2.0

*Amp draw varies by voltage, applies to all ratings in group

***Two speed and dual rotation

Please note catalog number change:

- From EC5412E to EC5412N



Kit 58 adapter available to be used when replacing rectangular, 51 frame, EC motors to adjust for fan position or when a flat mounting surface is needed.

RESCUE Fan Packs

58MM ECM Fan Packs



- Up to 70% Efficient
- Dual Voltage: No Connection Change Required
- Operating Temperature Range: -40°C to 55°C
- Thermally Protected



EC5472FP and
EC5470FP



Catalog Number	CFM	Voltage	RPM	Rotation	Industry Numbers
EC5472FP	360	115-230	1550-1725	CW OSE	5472, 5R028, 477669, 5SME58AAF1031, 461802
EC5470FP	250	115-230	1550-1625	CW OSE	5470, 5R026, 5R027, 477668, 5SME58AAF1027, 461802



*IP67: Capable of being submerged in water up to 30 minutes
Suitable for use in Evaporator and Condenser Applications*

Shaded Pole Unit Bearing Fan Motors

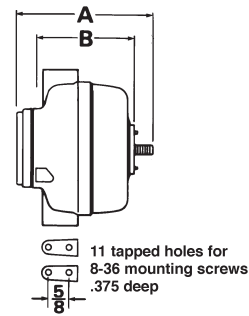
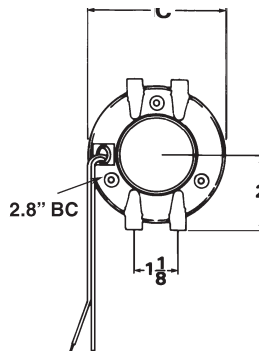
Totally Enclosed

APPLICATIONS:

Evaporator or condenser fan motors to meet manufacturer's requirements for refrigerated display cases and vending machines.

FEATURES:

- Permanently lubricated bearings
- Individually boxed
- Impedance protected
- 6W & Under Are 60/50 Hertz Rated
- Suitable For All Angle Operation
- 24" Cord With Molded Strain Relief
- Cast Iron Housing
- Includes vibration dampener hub washer, speed nut, 4 mounting screws (2 to 35 watt)



2108

HP	RPM	Voltage	Catalog Number	Amps	Shaft Rotation	Total A	Total B	Dia. C	Shaft Dia. x Length	Ship Wt.
4W	1550	115	2115	0.3	CWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3
4W	1550	115	2103	0.5	CCWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3
5W	1550	115	2119	0.6	CWLE	3.8	3.4	3.6	1/4 x 20THD x 0.5	3
6W	1550	115	2116	0.4	CCWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.3
6W	1550	115	2117	0.4	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.3
9W	1550	115	2108	0.6	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.5
9W	1550	230	2110	0.3	CWLE	4.3	3.8	3.6	1/4 x 20THD x 0.5	3.5
16W	1550	115	2111	1	CCWLE	4.5	4.1	3.6	1/4 x 20THD x 0.5	4.5
16W	1550	115	2112	1	CWLE	4.5	4.1	3.6	1/4 x 20THD x 0.5	5
25W	1550	115	2124	1.1	CCWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5
25W	1550	115	2125	1.1	CWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5
25W	1550	230	2126	0.6	CWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5
25W	1550	230	2127	0.6	CCWLE	4.5	4	3.9	1/4 x 20THD x 0.5	5
50W	1550	115	2132	1.7	CCWLE	6.2	4.7	4	.375 x 1.5	7
50W	1550	230	2135	0.9	CWLE	9.2	7.7	4	.375 x 1.5	7

INTRODUCING

WorldMotor®

World-class design.

Exceptional quality.

Global functionality.

World Motor is a line
of horizontal, cast iron,
TEFC motors in 0.5 to 250
kW both **NEMA** and **IEC**.

Options available for factory-installed grounding rings

Aegis® Ground Rings

From U.S. Motors

Adds FREE 2-Year
Extended Warranty
Beyond Motor
Manufacturer's
Warranty Against
Bearing Damage*

Features

Cored holes on the end shield are now a STANDARD feature for attaching Aegis Shaft Ground Rings on all Nidec 140, 180, 210 and 250 frame size ODP motors.

Benefits

Specifically designed to discharge harmful shaft voltages from VFD high-frequency switching and extended bearing life

Easily installed on motor end bell using the (2) included screws

Slim design minimizes shaft length requirements

Estimated life is greater than 200,000 hours



Cat Number	Description
60	Shaft grounding ring kit 140 frame
61	Shaft grounding ring kit 180 frame
62	Shaft grounding ring kit 210 frame
63	Shaft grounding ring kit 250 frame

*For repaired motors or for field installations: Upon registration and approval, the warranty shall be for 2 years from the installation date of the new motor bearings and AEGIS® Ring.

For new motors with AEGIS® Rings installed by the motor manufacturer. Upon registration, the warranty shall be for a 2-year period after the motor manufacturer's bearing warranty ends.

INTRODUCING

AC DRIVES FOR HVAC

UNIDRIVE M200

for OPEN LOOP APPLICATIONS
COMPACT & COST-EFFECTIVE

Unidrive M200: compact AC Drives
Ideal for a wide range of general purpose applications.

A drive with the performance and depth of functions to solve complex application challenges

HVAC Drive H300

for BUILDING AUTOMATION
ROBUST & EFFICIENT

HVAC Drive H300: a dedicated HVAC drive among the smallest in its class.

Offering easy integration with a building automation system, and flexibility to handle applications without one

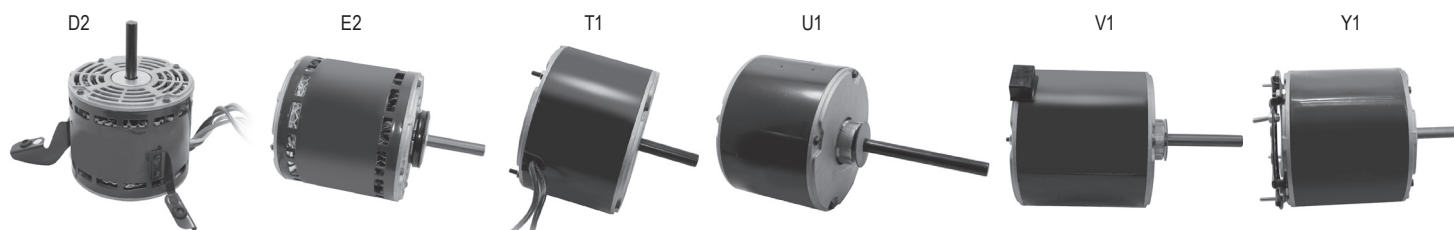
For more information:
Call U.S. MOTORS® Customer Service
at 1-855-487-6686



GENERAL PURPOSE | BUILDING AUTOMATION

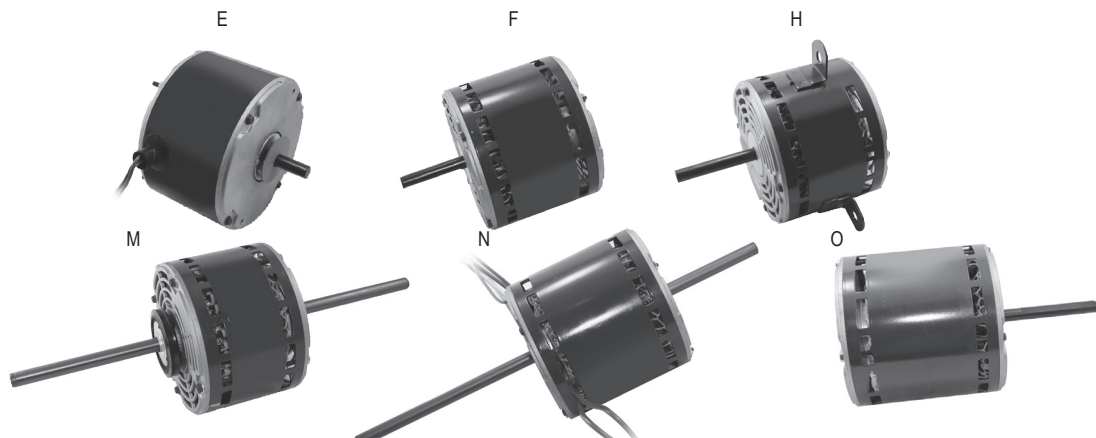
OEM Replacement for Lennox®

Catalog Number	Type	Dia.	HP	Volts	RPM	Speed	Amps	Rotation	Bearing	Encl	Cross Reference	Notes	Fig
LENNOX Application: Direct Drive Blower													
LX7920	PSC	5.6"	1/2	115	1075	5	8	CCWLE	SAB	OAO	60L2201, K55HXHGB-8639, K55HXDUD-1245	43" Leads	D2
LX7921	PSC	5.6"	1/2	115	1075	4	5.1	CCWLE	SAB	OAO	60L2101, K55HXHFZ-8638, K55HXDUE-1249	43" Leads	D2
LX7924	PSC	5.6"	3/4	208-230	1075	5	4.6	CCWLE	SAB	OAO	13H3901, K55HXLCD-3607, K55HXDUV-1261		E2
LX7930	PSC	5.6"	3/4	460	1075	3	2.3	CCWLE	SAB	OAO	43G5201, K55HXEKA-7371, K55HXDUS-1258	36" Leads	E2
LX7927	PSC	5.6"	1/6	208-230	825	1	1.1	CCWLE	SAB	TEAO	65G6001, K55HXDUZ-1264, K55HXJRH-3601		U1
LX7925	PSC	5.6"	1/6	208-230	1075	1	1	CCWLE	SAB	TEAO	68J9701, K55HXDFM-6844, K55HXDUW1262		T1
LX7929	PSC	4.8"	1/5	208-230/220	1075/900	1	1.1	CCWLE	SAB	TEAO	97M49, 100483-02, K48HXGCK-4210, K48HXDSH-0220		Y1
LX7931	PSC	5.6"	1/4	208-230	825	1	1.7	CCWLE	SAB	TEAO	97M51, 100483-05, K55HXLTD-0249, K55HXDVC1267	35" Leads	T1
LX7922	PSC	5.6"	1/3	380-420/460	1075	1	1.3	CCWLE	BALL	TEAO	79J8201, K55HXMCR-4000, K55HXDUU-1260		V1
LX7932	PSC	5.6"	1/3	208-230	1075	1	1.7	CCWLE	SAB	TEAO	97M62, 100483-01, K55HXLTC-248, K55HXKVD1268	35" Leads	T1
LX7926	PSC	5.6"	1/3	208-230	1075	1	1.7	CCWLE	SAB	TEAO	68J2401, K55HXGCE8094, K55HXDUY1263	35" Leads	T1
LX7928	PSC	5.6"	1/3	208-230	1075	1	2.4	CCWLE	BALL	TEAO	79J8101, K55HXCSD-6620, K55HXDVA-1265		V1



OEM Replacement for Carrier®

Catalog Number	Type	Dia.	HP	Volts	RPM	Speed	Amps	Rotation	Bearing	Encl	Cross Reference	Notes	Fig
CARRIER Application: Fan Coil													
CA3409	PSC	5.6"	1/3	208-230	1600	1	2	CCWLE	SAB	OAD	5KCP39FGZ041S, 3S035, 5KCP39FGG015AS, HC41FB666A, K55HXKMW-0212		M
CA3414	PSC	5.6"	1/2	115	1075	4	7.9	CCWLE	SAB	OAD	5KCP39NGZ031S, 3S024, HC43SZ116, HC43SZ115A, K55HXKNH-0226	15" Leads	N
CA3415	PSC	5.6"	3/4	115	1075	4	10	CCWLE	SAB	OAD	5KCP39PGZ036S, 3S030, HC45AE115A, HC45AE118A, HC45AE117A, K55HXKNP-0233	19" Leads	O
CARRIER Application: Condenser Fan													
CA3407	PSC	5.6"	1/15	200-230	800	1	0.7	CWLE	SAB	TEAO	5KCP39BGZ038S, 3S032, 36002, HC27GE208A, HC29GE209A, K55HXKNR-0234		E
CA3411	PSC	5.6"	1/15	208-230	1125	1	1.0	CWLE	SAB	TEAO	5KCP39BGAF02S, K55HXKNS-0235	45" Leads	E
CA3412	PSC	5.6"	1/5	208-230	825	1	1.3	CWLE	SAB	TEAO	5KCP39GFY917S, 3S003, HC37GE208A, K55HXKNT-0236	40" Leads	E
CA3408	PSC	5.6"	1/4	208-230	1100	1	1.5	CWLE	SAB	TEAO	5KCP39FGZ039S, 3S033, 5KCP39FGR560S, HC39AE209A, K55HXKMU-0210	50" Leads	E
CARRIER Application: Direct Drive Blower													
CA3410	PSC	5.6"	1/3	208-230	1075	2	2.5	CWLE	SAB	OAD	5KCP39HGZ068S, 3S040, 5KCP39HGD797S, HC39ML706, K55HXNC-0221, 3225	45" Leads	H
CA3406	PSC	5.6"	1/4	208-230	1075	3	1.5	CWLE	SAB	OAD	5KCP39HGZ037S, 3S031, HC39SB231C, K55HXKNA0129	18" Leads	F
CA3413	PSC	5.6"	1/2	115	1075	4	6.7	CCWLE	SAB	OAD	5KCP39LGZ034S, 3S028, HC43AE117A, HC43AE115A, HC43AE116A, K55HXKNJ-0227	17" Leads	F



High Quality Capacitors

From U.S. Motors



Made in USA



DESCRIPTION	U.S. MOTORS® PN
3 MFD 440V OVAL	3L440
4 MFD 440V OVAL	4L440
5 MFD 440V OVAL	5L440
6 MFD 440V OVAL	6L440
7.5 MFD 440V OVAL	7L440
10 MFD 440V OVAL	10L440
12.5 MFD 440V OVAL	12L440
15 MFD 440V OVAL	15L440
17.5 MFD 440V OVAL	17L440
20 MFD 440V OVAL	20L440
25 MFD 440V OVAL	25L440
30 MFD 440V OVAL	30L440
35 MFD 440V OVAL	35L440
40 MFD 440V OVAL	40L440
45 MFD 440V OVAL	45L440
50 MFD 440V OVAL	50L440
55 MFD 440V OVAL	55L440
60 MFD 440V OVAL	60L440
70 MFD 440V OVAL	70L440
80 MFD 440V OVAL	80L440

DESCRIPTION	U.S. MOTORS® PN
5 MFD 440V RND	5R440
7.5 MFD 440V RND	7R440
10 MFD 440V RND	10R440
12.5 MFD 440V RND	12R440
15 MFD 440V RND	15R440
17.5 MFD 440V RND	17R440
20 MFD 440V RND	20R440
25 MFD 440V RND	25R440
30 MFD 440V RND	30R440
31.5 MFD 440V RND	31R440
35 MFD 440V RND	35R440
40 MFD 440V RND	40R440
45 MFD 440V RND	45R440
50 MFD 440V RND	50R440
55 MFD 440V RND	55R440
60 MFD 440V RND	60R440
70 MFD 440V RND	70R440
80 MFD 440V RND	80R440



DESCRIPTION	U.S. MOTORS® PN
30/5 MFD 440V ROUND	305R440
30/7.5 MFD 440V ROUND	3075R440
30/10 MFD 440V ROUND	3010R440
35/5 MFD 440V ROUND	355R440
35/7.5 MFD 440V ROUND	3575R440
35/10 MFD 440V ROUND	3510R440
40/5 MFD 440V ROUND	405R440
40/7.5 MFD 440V ROUND	4075R440
40/10 MFD 440V ROUND	4010R440
45/5 MFD 440V ROUND	455R440
45/7.5 MFD 440V ROUND	4575R440
45/10 MFD 440V ROUND	4510R440
50/5 MFD 440V ROUND	505R440
50/7.5 MFD 440V ROUND	5075R440
50/10 MFD 440V ROUND	5010R440
55/5 MFD 440V ROUND	555R440
55/7.5 MFD 440V ROUND	5575R440
55/10 MFD 440V ROUND	5510R440
60/5 MFD 440V ROUND	605R440
60/7.5 MFD 440V ROUND	6075R440
60/10 MFD 440V ROUND	6010R440
80/5 MFD 440V ROUND	805R440
80/7.5 MFD 440V ROUND	8075R440
80/10 MFD 440V ROUND	8010R440

Draft Inducer Blower Motors

Product Specifications

Enclosure: Open

Thermal Protector: Auto

Speed: Single

Phase: Single

Bearing: Ball

Motor Type: PSC

HP	RPM	Voltage	Catalog Number	Amps	Rotation	See Figure
1/50	3000	115	N781	0.6	CWSE	A
1/25	3000	230	N169	0.3	CWSE	B
1/25	3350	115	N173	0.92	CCWSE	C
1/15	3200	115	N0110	1	CWSE	D
1/8	3450/2 SPD	115	N11969	1.7	CCWSE	E
1/10	3200	208-230	N330	0.38-0.48	CWSE	P
1/10	3200	460	N331	0.33	CWSE	N

Motor Type: Shaded Pole

HP	RPM	Voltage	Catalog Number	Amps	Rotation	See Figure
1/60	2800	120	N164	1.4	CCWSE	F
1/35	3000	115	N172	1.5	CWSE	G
1/30	3000	115	N157	1.6	CCWSE	H
1/30	3000	115	N065	1.6	CCWSE	O
1/30	3000	115	N200	1.2	CCWSE	I
1/30	3000	115	N182	1.5	CCWSE	J
1/30	3000	120	N143	1.3	CWSE	K
1/30	3000	120	N066	1.6	CWSE	L
1/25	3000	115-120	N180	2.25	CWSE	M

Catalog Number	Cross Reference
N169	A169, 7021-10048, 7021-10580, RFB571, 119254, 110008, 1085571P, 3114
N172	A134, A051, 7021-7700, 7021-8735, 7021-8736, 7021-9335, 7021-9499, 10705, FB-RFB833, 1708-607P, 1010238P, 1010324, R7-RFB134, 1013833, J238-1393, 3111
N781	7021-11559, 70-1010187-81, 70-24157-03
N200	A200, 7002-2975, 31L5501, RFB495
N157	A157, RFB185, 7002-2307, 10703, 3106, RFB859
N065	A065, 10553, 7058-1392, 0131M00002P, 0131M00002S, FB-RFB276, 10276-00, 0131M00002PS, B40590-03, 66002
N182	A182, 7002-3036, B4059000, 10702, J238-11195, J238-112-11195, RFB405, RFB590, 3105
N143	A143, A361, 10708, 4MH34, RFB143, 210330673, 7021-8428, 210340125, D330787P01, D330809P01, X38040305010, X38040305017, BLW473, RFB337, 787P01, J238-1344, 3124
N066	A066, A142, FB-RFB142, 7062-2513, 7062-1881, 416673-00003, 3101, 117847-00
N164	A164, RFB43, 7021-9242, 7021-9311, 10707, A068, 10K5301, 46K4101, 43K4101, 10K5101, 3120, RFB401, RFB840, 88K8401, J238-8171, 3120
N173	A173, R7-RFB350, 1011350, HQ1011350
N0110	PT0110, 70626112
N11969	11969, 70625423
N180	A180, 7021-11715, 0171M00000S, 0171M00000, 7058-2108, 0171M00001, 7058-2690, 0171M00001S, FB-RFB501, 7058-2097, AIC501, 7058-2230, A456, 7058-2950, 66071, A077 7021-9625, 201-90601, 74414
N330	A330, 7062-5546, 7062-4517, 7062-4608, 7062-4083, 69M3301
N331	A331, 69M3201, 7062-4051, 7062-4518, 7062-5554, 97J8101



REVCOR™

REVOLUTIONARY AIRFLOW



	ORDER NUMBER	FAN			RPM	Static Pressure and Airflows										Pack Qty	
		ROTATION	DIA (IN)	PITCH (DEG)		.0"WC		.1"WC		.2"WC		.3"WC		.4"WC			
						CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	S	C
2 BLADE	US2B1829	CCW	18"	29°	825	2072	0.05	1649	0.06	836	0.07	202	0.09	N/A	N/A	1	12
					1075	2700	0.12	2412	0.14	1991	0.14	1285	0.14	788	0.16		
					1140	2863	0.14	2596	0.16	2240	0.17	1565	0.17	1069	0.18		
	TNT2202-22RG-CTN	CW	22"	22°	1100	3992	0.154	3623	0.183	2804	0.210	1986	0.222	819	0.258		
	TNT2202-28LG-CTN	CCW	22"	28°	1100	4817	0.254	4304	0.285	3833	0.310	2870	0.342	1428	0.368		
	TNT2402-22LG-CTN	CCW	24"	22°	1100	4973	0.216	4492	0.256	3967	0.276	2975	0.314	1457	0.345		
	TNT2402-24LG-CTN	CCW	24"	24°	1100	5304	0.254	4770	0.290	4229	0.314	3171	0.358	2095	0.366		
	G2402-16RG-CTN	CW	24"	16°	1000	3493	0.107	2810	0.139	1881	0.140	1147	0.154	-	-		

3 BLADE	GM1403-38RG-CTN	CW	14"	38°	1000	1310	0.054	1060	0.060	860	0.070	560	0.084	180	0.097		
	US3A1827	CW CCW	18"	27°	825	2019	0.06	1686	0.07	1051	0.09	526	0.11	N/A	N/A	1	12
					1075	2790	0.15	2577	0.17	2300	0.20	1829	0.21	1392	0.25		
					1140	2631	0.13	2402	0.15	2085	0.17	1535	0.19	1157	0.22		
	US3B2028	CCW	20"	28°	825	2929	0.11	2617	0.13	1977	0.15	1452	0.17	1104	0.18	1	12
					1075	3816	0.25	3595	0.27	3317	0.29	2888	0.32	2233	0.34		
					1140	4047	0.30	3841	0.32	3591	0.34	3245	0.37	2609	0.39		
	T2203-23RA-CTN US3B2223	CW CCW	22"	23°	825	3341	0.1095	2857	0.1254	2187	0.1488	1722	0.1861	1376	0.213	1	12
					1000	4050	0.195	3450	0.224	3160	0.237	2470	0.276	2040	0.332		
					1140	4617	0.2889	4279	0.3107	3914	0.333	3403	0.3657	2934	0.396		
	T2203-27RA-CTN US3B2227	CW CCW	22"	27°	825	3836	0.14	3352	0.17	2642	0.19	2049	0.24	1663	0.27		
					1000	4650	0.255	4050	0.296	3640	0.313	3100	0.347	2630	0.425		
					1140	5301	0.38	4969	0.41	4597	0.44	4169	0.46	3553	0.51		
	T2203-32RA-CTN US3B2232	CW CCW	22"	23°	825	4389	0.20	3874	0.22	3117	0.25	2477	0.32	2023	0.34		
					1000	5320	0.354	4700	0.399	4200	0.417	3580	0.461	3020	0.568		
					1140	6065	0.52	5713	0.56	5314	0.60	4843	0.61	4193	0.67		
	TNT2203-20LG-CTN	CW	22"	20°	1100	3910	0.201	3513	0.239	3121	0.268	2746	0.291	1975	0.310		
	TNT2203-24RG-CTN	CW	22"	24°	1100	4541	0.252	4085	0.301	3631	0.339	3182	0.372	2756	0.359		
	TNT2203-25LG-CTN	CCW	22"	26°	1100	4704	0.269	4236	0.319	3765	0.360	3286	0.396	2852	0.381		
	TNT2203-26LG-CTN	CCW	22"	26°	1100	4868	0.286	4388	0.337	4143	0.359	3899	0.381	2948	0.403		
	TNT2203-28LG-CTN	CCW	22"	28°	1100	5059	0.326	4601	0.383	4332	0.406	4063	0.428	3550	0.468		
	TNT2203-31RG-CTN	CW	22"	31°	1100	5409	0.402	4936	0.465	4642	0.489	4349	0.513	3818	0.551		
	TNT2203-34RG-CTN	CW	22"	34°	1100	5886	0.510	5301	0.572	5006	0.598	4712	0.625	4143	0.656		
	US3B2423	CW CCW	24"	23°	825	4401	0.18	3993	0.2	3357	0.22	2612	0.26	2143	0.3	1	12
					1075	5735	0.4	5442	0.43	5086	0.46	4593	0.49	3953	0.52		
					1140	6082	0.48	5808	0.51	5485	0.54	5058	0.58	4535	0.6		
	T2403-26RA-CTN US3B2426	CW CCW	24"	26°	825	4401	0.18	3993	0.2	3357	0.22	2612	0.26	2143	0.3		
					1000	5845	0.402	5280	0.444	4820	0.462	4400	0.466	3660	0.534		
					1140	6663	0.60	6382	0.63	6057	0.66	5649	0.68	5145	0.69		
	G2403-15RG-CTN	CW	24"	15°	1000	3545	0.147	3050	0.184	2380	0.189	1589	0.209	1385	0.214		
	G2403-19RG-CTN	CW	24"	19°	1000	4231	0.195	3557	0.247	3024	0.246	2364	0.257	1465	0.298		
	T2403-21RA-CTN	CW	24"	21°	1000	4995	0.267	4380	0.324	3970	0.352	3650	0.361	3110	0.389		
	T2403-18RG-CTN	CW	24"	18°	1000	4496	0.245	4025	0.285	3618	0.321	3140	0.339	2685	0.339		
	TNT2403-22LG-CTN	CCW	24"	22°	1100	5299	0.295	4807	0.359	4523	0.380	4240	0.400	3186	0.433		
	TNT2403-24RA-CTN	CW	24"	24°	1100	5769	0.362	5204	0.434	4916	0.460	4629	0.486	4028	0.528		
	TNT2403-26RG-CTN	CW	24"	26°	1100	6240	0.430	5921	0.470	5602	0.510	5018	0.572	4364	0.624		

	ORDER NUMBER	FAN			RPM	Static Pressure and Airflows										Pack Qty	
		ROTA- TION	DIA (IN)	PITCH (DEG)		.0"WC		.1"WC		.2"WC		.3"WC		.4"WC			
						CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	S	C
3 BLADE	G2603-16RG-CTN	CW	26"	16°	1000	4038	0.137	3227	0.194	2672	0.229	1965	0.256	1648	0.282		
	T2603-20LA-CTN	CCW	26"	20°	1000	6210	0.339	5650	0.397	5150	0.439	4600	0.466	3600	0.549		
	T2603-21RA-CTN US3B2621	CW CCW	26"	21°	825	5123	0.19	4516	0.23	3802	0.26	2768	0.32	2112	0.37	1	12
					1000	6210	0.339	5650	0.397	5150	0.439	4600	0.466	3600	0.549		
					1140	7079	0.5	6637	0.57	6201	0.62	5736	0.66	5124	0.7		
	T2604-27RA-1-CTN	CW	26"	27°	1000	7540	0.665	7227	0.722	6915	0.780	6400	0.830	5960	0.877		
TNT2603-20LA-CTN	CCW	26"	20°	1100	5991	0.397	5409	0.464	5098	0.492	4788	0.519	3600	0.544			
TNT2603-26LG-CTN	CCW	26"	26°	1100	7469	0.588	7097	0.634	6725	0.679	5958	0.764	5237	0.827			
3 BLADE SWEPT FAN	US3A2228S	CW	22"	28°	825	3236	0.09	2920	0.12	2289	0.15	1530	0.19	1104	0.23	1	12
					1075	4216	0.2	3994	0.23	3706	0.28	3242	0.32	2589	0.38		
					1140	4471	0.23	4264	0.27	4008	0.32	3639	0.37	3059	0.42		
	US3A2434A	CW	24"	34°	825	5001	0.23	4679	0.27	4161	0.32	3030	0.4	2414	0.44	1	12
					1075	6517	0.51	6284	0.56	6007	0.61	5623	0.67	5026	0.75		
4 BLADE	US4A1827 US4B1827	CW CCW	18"	27°	825	2025	0.07	1769	0.08	1240	0.10	916	0.12	481	0.15	1	12
					1075	2639	0.15	2466	0.17	2216	0.19	1761	0.22	1461	0.24		
					1140	2799	0.18	2638	0.20	2421	0.22	2042	0.25	1662	0.27		
	US4A1834 T1804-34LA-CTN	CW CCW	18"	34°	825	2463	0.11	2137	0.12	1565	0.14	1228	0.16	662	0.20	1	12
					1000	2986	0.187	2700	0.209	2300	0.233	1800	0.250	1660	0.264		
					1140	3404	0.28	3194	0.30	2925	0.32	2475	0.35	2121	0.37		
	US4B2028	CW CCW	20"	28°	825	3127	0.16	2847	0.18	2348	0.19	1868	0.22	1463	0.24	1	12
					1075	4074	0.36	3876	0.38	3626	0.40	3274	0.42	2774	0.45		
					1140	4321	0.43	4125	0.46	3911	0.48	3614	0.49	3152	0.51		
	T2203-23RA-CTN US4B2223	CW CCW	22"	23°	825	3389	0.12	3047	0.15	2540	0.18	2141	0.21	1837	0.24	1	12
					1075	4416	0.27	4170	0.31	3875	0.35	3482	0.37	3105	0.43		
					1140	4683	0.32	4453	0.37	4185	0.41	3845	0.44	3448	0.48		
	US4A2227	CW	22"	27°	825	3904	0.16	3543	0.19	3000	0.22	2507	0.26	2174	0.30	1	12
					1075	5087	0.36	4827	0.40	4516	0.43	4103	0.45	3646	0.51		
					1140	5394	0.43	5151	0.47	4869	0.50	4514	0.53	4067	0.58		
	US4B2232	CCW	22"	32°	825	4505	0.23	4113	0.25	3498	0.28	2925	0.34	2574	0.38	1	12
					1075	5870	0.51	5588	0.53	5250	0.56	4797	0.58	4213	0.66		
					1140	6224	0.60	5961	0.63	5654	0.66	5267	0.68	4731	0.75		
	T2204-24LA-CTN	CCW	22"	24°	1000	4264	0.236	3962	0.270	3660	0.304	3220	0.332	2780	0.390		
	TNT2204-23LG-CTN	CCW	22"	23°	1100	4532	0.311	4307	0.345	4082	0.379	3633	0.425	3191	0.449		
	T2204-28RA-CTN	CW	22"	28°	1000	4888	0.311	4554	0.339	4220	0.368	3740	0.404	3260	0.470		
TNT2204-32LG-CTN	CCW	22"	32°	1100	6035	0.559	5733	0.599	5431	0.640	5118	0.675	4806	0.710			
US4B2434	CCW	24"	34°	825	6336	0.39	5784	0.46	5116	0.51	4498	0.54	3931	0.60	1	12	
				1075	8256	0.85	7846	0.96	7395	1.04	6868	1.10	6384	1.16			
				1140	8755	1.02	8370	1.13	7952	1.22	7474	1.30	6987	1.35			
US4B2628	CW CCW	26"	28°	825	6402	0.39	6052	0.44	5606	0.48	5606	0.48	4236	0.56	1	12	
				1075	8342	0.87	8084	0.93	7795	0.99	7458	1.04	7458	1.04			
				1140	8846	1.04	8605	1.11	8338	1.17	8035	1.23	7676	1.27			
T2604-25RA-1-CTN	CW	26"	25°	1000	7100	0.595	6812	0.647	6525	0.700	6000	0.750	5600	0.794			
T2603-30RA-PAL	CW	26"	25°	1000	8100	0.700	7550	0.720	7000	0.740	6500	0.790	5500	0.890			
T2604-27RA-1-CTN	CW	26"	27°	1000	7540	0.665	7227	0.722	6915	0.780	6400	0.830	5960	0.877			
G3004-24RA-CTN	CW	30"	24°	1000	8480	0.511	7982	0.615	7485	0.719	6636	0.816	5713	0.876			
4 BLADE SWEPT FAN	US4A2234S	CW CCW	22"	34°	825	4068	0.19	3808	0.22	3415	0.26	2342	0.3	2107	0.34	1	12
					1075	5301	0.42	5112	0.46	4891	0.5	4604	0.55	4153	0.61		
					1140	9390	0.75	8895	0.81	8323	0.89	7624	0.99	6907	1.06		

FIRST FIT

ALWAYS CHOOSE ORIGINAL EQUIPMENT REPLACEMENT



HVAC • Food • Refrigeration • Agriculture • Hearth

- ▶ Replacing your damaged fan blade or blower wheel with the original equipment ensures the system will operate at its certified levels.
- ▶ Choosing will fit replacement parts will negatively impact the certified system performance, increasing the possibility of additional system repairs.
- ▶ Did you know that every degree of pitch on a fan blade changes airflow and power consumption by 3-5%? Don't take chances. Choose FIRST FIT replacement parts from Revcor to ensure proper performance and satisfied customers.
- ▶ Competitors don't offer exact duplicates for the Revcor OEM products that are part of the original system certification. Imitation products increase the risk that other components, such as the motor, may prematurely fail, leading to additional system repairs and unhappy customers.

