

Installation and Operation Manual (IOM) Fan Powered Terminal Units Model Series: 35S(ST), 35SXC, 35N, 37S(ST) and 37N

General

Receiving Inspection Checklist

- · Visually inspect unit for shipping damage before unwrapping any packaging material. Report any damage immediately to the delivering carrier.
- · After unpacking the unit, check it again for shipping damage. If any shipping damage is found, report it immediately to the delivering
- · Notify your local Nailor representative of damage and arrange for repair or replacement.
- Check that the unit is labeled as intended and deliver to appropriate site location.
- Store units in a clean, dry location.



Caution: Do not use the inlet collar, damper shaft, airflow sensor, electrical conduit, water coil extremities, drip pan, or tubing as a handle to lift or move assembly. Damage to the unit, unit accessories or controls may result.

Safety Precautions

- a. All person(s) involved in installation process shall be qualified according to all relevant local codes and standards.
- b. Equipment is not to be used by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- c. Beware of other building utilities and electrical wiring during installation process.
- d The unit installed shall be used only as intended. Any unintended use shall therein result in immediate forfeiture of manufacturer assumed warranty, responsibility and liability of product and associated components. Contact your local Nailor representative for questions.



Warning: Make sure all electrical power to the unit has been disconnected and any capacitors fully discharged before servicing. Failure to do so could result in injury or

f. During brazing process, make sure to protect any surrounding flammable materials, using barriers where applicable and always have a fire extinguisher accessible.



Caution: DO NOT exceed coil's parameters. The coil's water temperature range is 40°F - 200°F. For standard coil wall thickness 0.016", the coil's maximum working pressure is 250 PSIG.



Caution: Any improper product handling, installation, servicing, or operation resulting in personal injury and property damage shall void any manufacturer assumed legal responsibility.

i. Equipment's maximum altitude of use is 2,200 m.

Installation

Supporting the Assembly

Suspend the unit from the building structure in the horizontal plane and ensure the unit is level to guarantee proper performance. Hanger rods or straps (by others) should be securely attached to joists or to mounting anchors which are properly secured to slab construction with lugs or poured in place anchors. Be careful not to obstruct the bottom access panel in order to maintain clearance for blower service. When requested, the unit is supplied with optional hanger brackets (shipped loose for field mounting) for use with hanger rod up to 3/8" (9.5) dia. Hanger brackets or straps should be screwed to the top corner posts (35S only) or unit casing sides (other models) or alternatively onto the inlet and outlet ends of the unit. See Figures 1 and 2.



Caution: Nailor Fan Powered Terminal units are too heavy to suspend with the ductwork and must be independently supported.

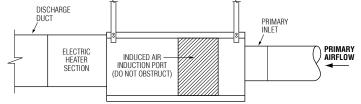
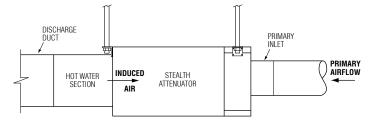


Figure 1: Fan Powered Terminal Unit Support Using Hanger Straps (Model 35SE illustrated).



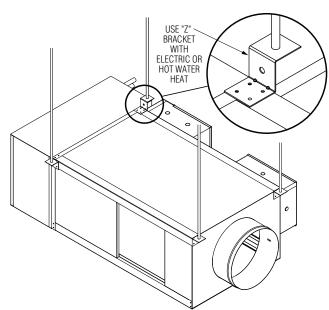


Figure 2: Fan Powered Terminal Unit Support Using Hanger Brackets and Rods (Models 35SWST and 35SW illustrated).

Duct Connections

All ducts should be installed in accordance with SMACNA guidelines. Slip each inlet duct over the inlet collar of the terminal. Fasten and seal the connection by the method prescribed in the job specification. The diameter of the inlet duct in inches must be equal to the nominal size of the terminal inlet. The inlet collar of the terminal is 1/8" (3) smaller than the nominal duct size to allow it to fit inside the duct.



Important: Do not insert ductwork inside the inlet collar of the assembly.

For optimum performance, 2 to 3 equivalent diameters of straight duct should be installed prior to the inlet of the unit. Rectangular discharge opening is designed for a flanged duct connection. Fasten and seal all connections by method prescribed in the job specification. Zero clearance to combustible materials is allowed. The range of external static pressures for model series 35S(ST), 35SXC, 35N, 37S(ST) and 37N were tested at: 0 - 0.5" WC.

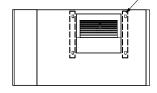
Discharge Ductwork

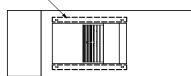
Units with no heat, hot water (W) and electric heat (E) are designed for a 1" (25) flanged duct connection. Units with no heat can accept a variable discharge duct connection size to suit the design requirement and diffuser take-off size. See submittal drawing for required duct dimensions for units with heat.



Caution: No heat units require a minimum discharge duct dimension that is 2" (51) larger than the blower opening (DW or DH) parallel to the fan blades, to avoid possible interference with the blower mounting anges.

35S(ST) ARE MOUNTED VERTICALLY (STANDARD UNITS) 37S(ST) ARE MOUNTED HORIZONTALLY (LOW PROFILE UNITS)





Minimum Access

Make appropriate accommodations for access panel removal. If unit is to be installed in *hard ceiling/wall application*, refer to Nailor fan powered terminal unit submittals for specific dimensions before installing to assure there is access to the unit and components after installation is complete. Nailor 35S fan powered VAV terminal units have access panels on the top, bottom and side. Nailor 35N units have only bottom panels. Model 37S and 37N have top and bottom panels. Removable top and bottom access panels are secured as standard with screws. However, if the ¼ turn fastener access panel option is supplied, the bottom panel screws are replaced with two quick-connect latches.

Units with a removable top access panel are secured with two additional screws in the middle for shipping and handling. These additional screws can be removed after the unit is hung for quicker service if needed.

For low voltage control enclosure access, a minimum of 18" (457) is recommended. Specific control enclosure location is indicated on product submittals. Low voltage control enclosures have removable covers that are attached with sheet metal screws. High voltage controls enclosures have access panels that are equipped with hinges. For clearances for full opening of hinged access doors, refer to project specifications, submittal sheets and NEC.



Important: These recommendations do not preclude NEC or local codes that may be in effect, which are the responsibility of the installing contractor.

Field Wiring

All field wiring must comply with NEC and local codes. Disconnect switches are optional. Wiring diagrams can be found on labels affixed to the exterior/interior of the control box enclosure. Unless specifically requested by customer, all units are wired for a single point connection to the fan and electric heater (if present). All electric heaters will be staged per specification. Motors rated for 277 or 120 VAC on units with 480 or 208 VAC ratings respectively are always connected between the neutral and L1 terminals. The installing electrician should rotate the incoming electric service by phase to help balance the building electric load.

Fuse size designates the size of the internal fuse if it is supplied. Maximum Overcurrent Protection (MOP) designates the largest breaker or fuse in the electrical service panel that can be used to protect the unit. See Table 1 for calculation details.

Electrical Suggestions and Requirements

- 1. Provide a safety disconnect per NEC 424-19, 20, 21.
- Disconnect the power supply before wiring or servicing unit. If+ a disconnect switch is present, it should be in the OFF position while making power connections or repairs.
- 3. All units with electric heat should have copper wires sized for minimum circuit ampacity (MCA). See Table 1 for calculation details.
- 4. Follow wiring diagrams and instructions mounted on the unit. 480V/3 phase heaters, for example, require a neutral wire in addition to the full sized ground wire. NEC 424-15 and 250 also require that all units be grounded.

Water Pipe Connections

Exercise extreme caution during "sweating" or brazing process of coil piping to avoid applying excessive heat to components associated with valve package. This could cause irreversible damage, requiring immediate replacement of parts. Make sure valves are in full open position during brazing process. Heat can be dissipated more effectively by wrapping a wet towel around the valve body during the brazing process.

Control Start-up and Operation

Your local Nailor Representative can provide detailed information about start-up and operating procedures for Nailor's digital, analog, and pneumatic controls. For specific information on controls provided by other manufacturers contact the control manufacturer's local or national office. This applies whether the controls were factory or field installed.



Note: Digital controllers may use specific communication addresses based on Building Management Systems, Architecture and original engineering drawings. Installing the terminal in a location other than that noted on the label may result in excessive start-up labor.

Primary Air Damper and Fan Adjustment Before starting the fan motor:

- a. If filters are required, make sure they are installed as intended.
- b. Make sure duct system is clear of all debris and foreign objects.
- Ensure unit enclosure, blower housing and blower wheel are free of any debris and foreign objects.

Starting the fan motor:

- Start motor and let it run-in at least 15 minutes. During run-in, check ductwork connections for leaks and repair if necessary.
- 2. All Nailor fan powered VAV terminal units incorporating PSC motors use a solid state SCR speed controller to adjust motor speed and consequently air volume. Speed controllers have built-in maximum and minimum stops as detailed on the fan performance pages in the Nailor VAV Terminal Unit catalog. Turning the manual fan speed control counterclockwise will increase the fan speed; clockwise will decrease speed. The fan speed control is located on the side of the motor controls enclosure.
- For series units, set the unit to full cooling. Adjust and set primary maximum cfm by measuring the airflow with a manometer attached between the gauge ports in the pneumatic tube leading

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to the high and low sides of the inlet air pick-up. A chart is attached to the side of the unit showing airflow vs. pressure for different inlet sizes. Adjust and set remote balancing dampers, if present. Do not worry about airflow at this time; just proportion the outlets with the dampers. Be sure to leave the dampers in the most possible open position. This will generate the minimum noise level. Adjust the fan speed control until the required CFM is obtained (by measuring the air quantity at the room outlets or by zeroing the induction air if primary and fan match). Fan should be adjusted with primary air at maximum set point to ensure that no supply air is discharged at the induction port. Recheck the fan and primary airflows when the damper is reset to the minimum set point.

- 4. For parallel units, turn the fan off, and set the primary air in the same manner as described for series units. Proportion the diffusers as above. Reset the primary airflow to the design fan turn-on point. Measure the airflow again to verify proper airflow. Turn the fan on. Allow the primary air damper to come under control after the fan is started, and then adjust the fan until the prescribed airflow is achieved by measuring the air quantity at the room outlets. Be sure to allow the primary air damper to stabilize after each fan adjustment and prior to measuring the airflow. Turn the fan off and verify the minimum airflow point on the damper.
- 5. For units equipped with ECM motors, set the primary air dampers as described in (3). Set the fan as described on the ECM MOTORS IOM, page 1. Proportion the dampers after the fan is set. Remember to adjust the dampers so that they are in the most open condition after proportioning. This will generate the minimum noise.

Maintenance Procedures

Warning: Electrical Hazard!

Before Servicing, disconnect all sources of electrical power, including the complete discharge of any electric current stored in capacitors included in the wiring structure. Practice good lockout/tagout procedures to prevent energizing of the unit during servicing. Failure to comply with previous statements could yield personal injury or even result in death.

Fan and Motor

Nailor fan powered terminal units are equipped with permanently lubricated motors. Inspect fan and motor assembly for dust and dirt as often as dictated by operating environment. Clean assembly if necessary.

If fan motor does not run, do the following:

- a. Check for free rotation of blower wheel. Make sure no foreign objects are in fan. Look for signs of freight or job site damage.
- b. Check power supply. Disconnects should be in the "ON" position.
 Optional fusing should also be inspected. Check transformer for proper output.

 c. Check for proper control signals and PE switch setting (if provided) and relay function.

Fan motor runs but emits excessive noise

- a. Maximum airflow may be too high, or discharge static pressure may be incorrect.
- Blower may have clearance problems. Make sure all components are securely attached.
- c. Verify integrity of ductwork. Leaks or loose connections could cause noise. Check for rattling diffusers or rattling or incorrectly adjusted balancing dampers.

Fan motor runs, but airflow too low:

- a. May be due to ductwork restrictions, dirty air filters or clogged water coils.
- b. Readjust fan speed control on control card.
- c. Discharge static pressure may be incorrect. Check balancing dampers.
- d. Confirm signal from the motor card to the motor by measuring the plug at the motor.

If repair or replacement is required

Disconnect all power before servicing. Motor and fan should be removed as an assembly. Remove the four hex nuts from mounting lugs holding the fan assembly to the discharge panel, and remove the assembly through any convenient access panel. Do not allow assembly to hang from wiring. If removing motor from blower, first loosen the set screw holding the blower wheel to the motor shaft. Remove the three screws holding the motor to the fan housing, and slide motor and fan housing apart.

To put the assembly back together, reverse the procedure. Be sure to align the blower set screw with the flat section of motor shaft.



Note: Over-tightening motor mounting screws may crush isolation bushing, causing excessive fan noise.

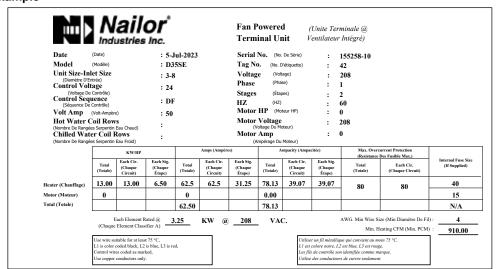
Primary Air Damper Replacement

Nailor's primary air valve assembly is not repairable. The entire assembly should be replaced if it is damaged.

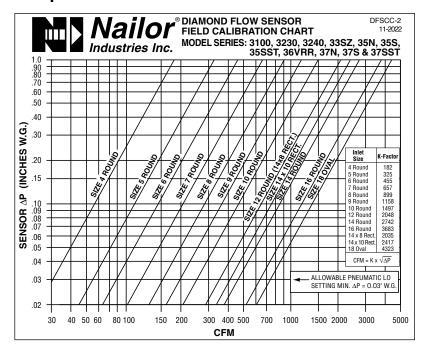
Labels

Each fan powered terminal unit is shipped with a nameplate label affixed to the control casing. Principle nameplate data on the label typically include Order-Serial number, Model number, Unit Size, Motor horsepower, Amperage, MOP, Heater (if present) data, Supply voltage and Airflows. Also provided are calibration, airflow, as well as other labels as necessary. We suggest that you read all labels before beginning installation. If you have any questions, please contact your local Nailor Representative. Their phone numbers can be found on our website at nailor.com.

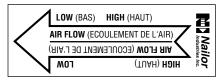
Label Example



Sample Diamond Flow Sensor Calibration Label



Airflow Direction (affixed to inlet collar)



Application Charts for ECM Motors

| Nailor ECM MOTOR FAN CALIBRATION TABLE CFM vs VDC (Imperial Units) | | | | | | | |
|---|---------------------------|-----------------|--------------------|-----------------|-------------|-----------------|--------------|
| | FAN POWERED TERMINAL UNIT | | | | | | |
| MODEL SERIES: 35S & 35SST • UNIT SIZE 3 • 120/208/230/277 VAC 2/28/23 | | | | | 2/26/23 | | |
| | 0-10 | | 0-10 | | 0-10 | | 0-10 |
| CFM | VDC REF. | CFM | VDC REF. | CFM | VDC REF. | CFM | VDC REF. |
| 138 | 0.50 | 429 | 2.89 | 747 | 5.29 | 1023 | 7.68 |
| 146 | 0.57 | 438 | 2.96 | 756 | 5.36 | 1030 | 7.75 |
| 155 | 0.64 | 448 | 3.03 | 765 | 5.43 | 1037 | 7.82 |
| 163 | 0.71 | 457 | 3.10 | 774 | 5.50 | 1044 | 7.89 |
| 171 | 0.78 | 466 | 3.17 | 783 | 5.57 | 1051 | 7.96 |
| 179 | 0.85 | 475 | 3.24 | 791 | 5.64 | 1058 | 8.03 |
| 188 | 0.92 | 485 | 3.31 | 800 | 5.71 | 1065 | 8.10 |
| 196 | 0.99 | 494 | 3.39 | 809 | 5.78 | 1072 | 8.17 |
| 204 | 1.06 | 503 | 3.46 | 818 | 5.85 | 1072 | 8.24 |
| 213 | 1.13 | 513 | 3.53 | 826 | 5.92 | 1086 | 8.31 |
| 221 | 1.20 | 522 | 3.60 | 835 | 5.99 | 1093 | 8.38 |
| 229 | 1.27 | 531 | 3.67 | 843 | 6.06 | 1100 | 8.45 |
| 238 | 1.34 | 541 | 3.74 | 852 | 6.13 | 1108 | 8.52 |
| 246 | 1.41 | 550 | 3.74 | 860 | 6.20 | 1115 | 8.59 |
| 254 | 1.41 | | | | 6.27 | | |
| 263 | 1.49 | 560 569 | 3.88 3.95 | 869 877 | 6.34 | 1122 1129 | 8.66 8.73 |
| | | | | | | | |
| 271 | 1.63 | 579 | 4.02 | 885 | 6.41 | 1136 | 8.80 |
| 280 | 1.70 | 588 | 4.09 | 893 | 6.48 | 1143 | 8.87 |
| 288 | 1.77 | 598 | 4.16 | 901 | 6.55 | 1151 | 8.94 |
| 297 | 1.84 | 607 | 4.23 | 909 | 6.62 | 1158 | 9.01 |
| 305 | 1.91 | 616 | 4.30 | 917 | 6.69 | 1166 | 9.09 |
| 314 | 1.98 | 626 | 4.37 | 925 | 6.76 | 1173 | 9.16 |
| 322 | 2.05 | 635 | 4.44 | 933 | 6.83 | 1181 | 9.23 |
| 331 | 2.12 | 645 | 4.51 | 941 | 6.90 | 1189 | 9.30 |
| 340 | 2.19 | 654 | 4.58 | 949 | 6.97 | 1197 | 9.37 |
| 349 | 2.26 | 663 | 4.65 | 956 | 7.04 | 1205 | 9.44 |
| 357 | 2.33 | 673 | 4.72 | 964 | 7.11 | 1213 | 9.51 |
| 366 | 2.40 | 682 | 4.79 | 971 | 7.19 | 1222 | 9.58 |
| 375 | 2.47 | 691 | 4.86 | 979 | 7.26 | 1230 | 9.65 |
| 384 | 2.54 | 701 | 4.93 | 986 | 7.33 | 1239 | 9.72 |
| 393 | 2.61 | 710 | 5.00 | 994 | 7.40 | 1248 | 9.79 |
| 402 | 2.68 | 719 | 5.07 | 1001 | 7.47 | 1257 | 9.86 |
| 411 | 2.75 | 728 | 5.14 | 1008 | 7.54 | 1266 | 9.93 |
| 420 | 2.82 | 737 | 5.21 | 1016 | 7.61 | 1276 | 10.00 |
| THIS UNIT HAS BE RE-CALIBRATION IS NO MAX CFM FOR THE UN | OT REQUIRED UN | LESS THE ZONE D | 5% or +/- 30 CFM V | VHICHEVER IS GR | | N GRAY AREA. DA | TA |

CFM = 0.027717307(VDC)5-0.61146699(VDC)4+4.155391639(VDC)3-8.60626115(VDC)2+124.7107364(VDC)+77.19940471

MCA and MOP Calculations

Minimum Circuit Ampacity

MCA = 1.25 x (Load 1 + Load 2 + Load 3 + Load 4)

Maximum Overcurrent Protection

MOP = (2.25 x load 1) + load 2 + load 3 + load 4

If the calculated MOP does not equal the standard current rating of an Overcurrent protective device (typically even multiples of 5), then the marked MOP is the next lower standard rating.

Exceptions:

- 1. The marked MOP will be the next higher standard rating than the computed value, if the next lower standard rating is less than 125 percent of the current rating of an electric heater load when such heater is involved.
- If the computed value for MOP is less than the MCA, then the marked MOP is increased to the largest MOP appropriate for the MCA.
- 3. If the MCA does not correspond to a standard protective device rating, the next higher standard rating of the protective device will be marked if this rating does not exceed 800 A.

For Nailor Fan Powered Terminal Units and Fan Powered Terminal Units, **Load 1** is the largest motor current, **Load 2** is the sum of all other motor currents, and **Load 3** is the heater current. **Load 4** is used for other loads greater than 1.0 ampere and can be considered zero for most standard products.

For Nailor Variable Air Volume Units, Load 1 and Load 2 are considered zero.

Load 3 is the heater current Load 4 is used for other loads greater than 1.0 ampere and can be considered zero for most standard products.

(Motor currents are determined by product application test in accordance with UL 1995 and may not be the same as the motor manufacture's FLA marking.)

All formulae, definitions, and exceptions are cited from Underwriters Laboratories Inc. Standard for Safety for Heating and Cooling Equipment, UL 1995 Fifth Edition (Sec. 44.14.44.15) CAN/CSA-C22.2 No. 236 Fifth Edition

Table 1.

NAILOR EZVAV DIGITAL CONTROLS

| Code | Description |
|----------------------------|--|
| | Controller/Actuators: |
| BAC-8001-36 | EZVAV Digital Controller (SD Clg only) |
| BAC-8005-36 | EZVAV Digital Controller (SDRH, FP) |
| BAC-8007-36 | EZVAV Digital Controller (DD master) |
| TSP-8001-36 | EZVAV Digital Controller (DD slave) |
| | Room Temperature Sensors: |
| STE-8001W36 STE-8201W36 | EZVAV Room Temp Sensor – Digital display EZVAV Room Temp Sensor – Digital display w/ motion sensor |
| STE-6014W36 | EZVAV Room Temp Sensor – Rotary dial |
| ECRJ45-25 | Ethernet cable RJ-45, 25 ft. |
| ECRJ45-35 | Ethernet cable RJ-45, 35 ft. |
| ECRJ45-50 | Ethernet cable RJ-45, 50 ft. |
| ECRJ45-75 | Ethernet cable RJ-45, 75 ft. |
| STE-1401 | Air temp. sensor (HCCO, DAT) |

ELECTRIC CONTROLS - Transformers

| Code | Description | Part Number |
|-------|------------------------------------|-------------|
| V2072 | 120 to 24 v. 40VA - foot mount | H1-0669 |
| V2073 | - 4" x 4" elec. box | |
| V2074 | 208/240 to 24 v. 40VA - foot mount | H1-0671 |
| V2075 | 277 to 24 v. 40VA - foot mount | H1-0675 |
| V2076 | 24 to 24 v. 50VA - foot mount | H1-0673 |

ELECTRICAL COMPONENTS

| RAPP Code | Description | Part Number |
|--------------|--|----------------|
| | Disconnect Switches | Italiiboi |
| EC-DISTG251P | Toggle Disconnect Switch 1P,600V,25A | H1-0212A |
| EC-DISTG403P | Toggle Disconnect Switch 3P,600V,40A | H1-0220Z |
| EC-DISTG603P | Toggle Disconnect Switch 3P,600V,60A | H1-0221Z |
| EC-DISINT25A | Interlocking Disconnect Switch3P,600V,25A | H1-0215Z |
| EC-DISINT40A | Interlocking Disconnect Switch3P,600V,40A | H1-0216Z |
| EC-DISINT60A | Interlocking Disconnect Switch3P,600V,60A | H1-0217Z |
| EC-DISINTHDL | Interlocking Disconnect Handle | H1-0215C |
| EC-DISINTSFT | Interlocking Disconnect Shaft | H1-0215D |
| | Contactors | |
| EC-CONM50A1P | Contactor MAG 1P,600V,40Amp | H1-0635 |
| EC-CONM40A1P | Contactor MAG 1P,600V,40Amp | H1-0636 |
| EC-CONM30A1P | Contactor MAG 1P,600V,20Amp | H1-0654 |
| EC-CONM50A2P | Contactor MAG 2P,600V,40Amp | H1-0658 |
| EC-CONM40A2P | Contactor MAG 2P,600V,30Amp | H1-0655 |
| EC-CONM30A2P | Contactor MAG 2P,600V,20Amp | H1-0652 |
| EC-CONM50A3P | Contactor MAG 3P,600V,40Amp | H1-0640 |
| EC-CONM40A3P | Contactor MAG 3P,600V,30Amp | H1-0639 |
| EC-CONM30A3P | Contactor MAG 3P,600V,20Amp | H1-0653 |
| | SCR/SSR | 1 |
| EC-SCR | SCR Elect. Heat controller, 600V, 1ph, 45A | H1-2064 |
| EC-SSR | SSR Elect. Heat controller, 600V, 1ph, 45A | H1-2082 |
| | ECM Motor Wiring harness | • |
| EC-HARNESS1 | Wiring Harness, Card to ECM. 16 Pin | H1-1104 |
| EC-HARNESS2 | Wiring Harness Power to Motor. 5 Pin | H1-1101 |
| EC-HARNESS3 | 0-10 VDC wiring harness, 2 Pin | H1-1921 |
| EC-HARNESS4 | 0-10 VDC wiring harness, 4 Pin, 2W | H1-1921A |
| | 0-10 VDC wiring harness, 4 Pin, 4W | H1-1921H |
| | Transformers | |
| EC-TRANS120A | Transformer 120V,24V,50VA | H1-0692 |
| EC-TRANS208A | Transformer 208-240V,24V,50VA | H1-0685 |
| EC-TRANS277A | Transformer 277V,24V,50VA | H1-0674 |
| EC-TRANS480A | Transformer 480V,24V,50VA | H1-0686 |
| EC-TRANS2424 | Isolation Transformer 24V,24V,50VA | H1-0673 |
| EC-TRANSB | Transformer 120V/208/240/480 to 24V,75VA | H1-0689 |
| EC-TRANS277B | Transformer 277V,24V,75VA | H1-0677 |
| | MISC | |
| EC-AFSW | Airflow Switch | H1-0236A |
| EC-AFSWPB | Airflow Switch Probe 4" | H1-0242 |
| EC-AFSWPBL | Airflow Switch Probe 6" | H1-1924 |
| EC-AUTOLMTSW | Auto Temp. LMT Switch | H1-0006 |
| EC-MANLMTSW | Manual Temp. LMT Switch | H1-0805 |
| EC-FANRELAY | Fan Relay 24V | H1-0666 |

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FILTERS

Model 35S Basic Unit Side Inlet & Q Boot option

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|--------------|
| 1, 2 | VH1-0998 | Filter 1" 10x12 | H1-0998 |
| 1, 2 | VH1-0998B | Filter 2" MERV8 10x12 | H1-0998B |
| 3 | VH1-0196 | Filter 1" 14x16 | H1-0196 |
| 3 | VH1-0196C | Filter 2" MERV8 14x16 | H1-0196C |
| 4,5 | VH1-0199 | Filter 1" 16x16 | H1-0199 |
| 4,5 | VH1-3184 | Filter 2" MERV8 16x16 | H1-3184 |
| 6 | VH1-1529 | Filter 1" 17x18 | H1-1529 |
| 6 | VH1-1529B | Filter 2" MERV8 17x18 | H1-1529B |
| 7 | VH1-0196 | Filter 1" 14x16 | H1-0196 (2) |
| _ ′ | VH1-0196C | Filter 2" MERV8 14x16 | H1-0196C (2) |

Model 35S Basic Unit Top Inlet

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|-------------|
| 1 2 | VH1-0196 | Filter 1" 14x16 | H1-0196 |
| 1, 2 | VH1-0196C | Filter 2" MERV8 14x16 | H1-0196C |
| 3 | VH1-0199 | Filter 1" 16x16 | H1-0199 |
| 3 | VH1-3184 | Filter 2" MERV8 16x16 | H1-3184 |
| 4,5 | VH1-0979 | Filter 1" 16x25 | H1-0979 |
| 4,5 | VH1-3167 | Filter 2" MERV8 16x25 | H1-3167 |
| 6 | VH1-0200 | Filter 1" 18x28 | H1-0200 |
| 0 | VH1-3246 | Filter 2" MERV8 18x28 | H1-3246 |
| 7 | VH1-0979 | Filter 1" 16x25 | H1-0979 (2) |
| | VH1-3167 | Filter 2" MERV8 16x25 | H1-3167 (2) |

Model 35SST Stealth

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|--------------|
| 1, 2 | VH1-0974 | Filter 1" 10x14 | H1-0974 |
| 1, 2 | VH1-2055A | Filter 2" MERV8 10x14 | H1-2055A |
| 3 | VH1-0977 | Filter 1" 12x18 | H1-0977 |
| 3 | VH1-1966B | Filter 2" MERV8 12x18 | H1-1966B |
| 4 | VH1-0196 | Filter 1" 14x16 | H1-0196 |
| 4 | VH1-0196C | Filter 2" MERV8 14x16 | H1-0196C |
| 5 | VH1-0975 | Filter 1" 14x18 | H1-0975 |
| 5 | VH1-1434B | Filter 2" MERV8 14x18 | H1-1434B |
| 6 | VH1-0197 | Filter 1" 18x19 | H1-0197 |
| 0 | VH1-0197C | Filter 2" MERV8 18x19 | H1-0197C |
| 7 | VH1-0928 | Filter 1" 14x14 | H1-0928 (2) |
| | VH1-1966A | Filter 2" MERV8 14x14 | H1-1996A (2) |

Model Series 35SXC

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------|-------------|
| 1 | VH1-3457 | Filter 1" 6x14 | H1-3457 |
| 3 | VH1-2901 | Filter 1" 6x18 | H1-2901 |
| 5 | VH1-2902 | Filter 1" 12x20 | H1-2902 |

Model 37S Basic Unit

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|--------------|
| 1 | VH1-0997 | Filter 1" 8x10 | H1-0997 |
| ' | VH1-0997B | Filter 2" MERV8 8x10 | H1-0997B |
| 2,3 | VH1-0203 | Filter 1" 10x18 | H1-0203 |
| 2,3 | VH1-2056A | Filter 2" MERV8 10x18 | H1-2056A |
| 4 | VH1-0974 | Filter 1" 10x14 | H1-0974 (2) |
| 4 | VH1-2055A | Filter 2" MERV8 10x14 | H1-2055A (2) |

Model 37SST Stealth

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|--------------|
| 1 | VH1-0201 | Filter 1" 9x11 | H1-0201 |
| ' | VH1-0201B | Filter 2" MERV8 9x11 | H1-0201B |
| 2,3 | VH1-0202 | Filter 1" 11x12 | H1-0202 |
| 2,3 | VH1-2020A | Filter 2" MERV8 11x12 | H1-2020A |
| 4 | VH1-0974 | Filter 1" 10x14 | H1-0974 (2) |
| 4 | VH1-2055A | Filter 2" MERV8 10x14 | H1-2055A (2) |

Model 35N Basic Unit & Q Boot Option

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|-------------|
| 2 | VH1-1282 | Filter 1" 13x26 | H1-1282 |
| 2 | VH1-1282B | Filter 2" MERV8 13x26 | H1-1282B |
| 3 | VH1-1283 | Filter 1" 17x27 | H1-1283 |
| 3 | VH1-1283D | Filter 2" MERV8 17x27 | H1-1283D |
| 5 | VH1-1284 | Filter 1" 17x33 | H1-1284 |
| 5 | VH1-1284B | Filter 2" MERV8 17x33 | H1-1284B |
| 6 | VH1-1285 | Filter 1" 19x35 | H1-1285 |
| 6 | VH1-1285B | Filter 2" MERV8 19x35 | H1-1285B |

Model 37N

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------|-------------|
| 2 | VH1-2254A | Filter 1" 11x14 | H1-2254A |
| 2 | VH1-2255M | Filter 2" MERV8 11x14 | H1-2255M |
| 3 | VH1-2254B | Filter 1" 11x18 | H1-2254B |
| 3 | VH1-2255N | Filter 2" MERV8 11x18 | H1-2255N |
| 4 | VH1-2254C | Filter 1" 11x21 | H1-2254C |
| 4 | VH1-2255P | Filter 2" MERV8 11x21 | H1-2255P |

EPIC ECM MOTORS

Model 35S(ST)

| Unit Size | RAPP Code | Description | Part Number | Program |
|--------------|-------------|-------------------------------------|-------------|--------------------------|
| 1 | MTR35SECMS1 | ECM Motor 35S(ST), Size 1, 120V | H1-3146 | 35S(ST-XC)-1-120V |
| 1 | MTR35SECMS1 | ECM Motor 35S(ST), Size 1, 277-208V | H1-2267A | 35S(ST-XC)-1-277V |
| 2 | MTR35SECMS2 | ECM Motor 35S(ST), Size 2, 120-277V | H1-2267A | 35S_Size2_ALL |
| 3 | MTR35SECMS3 | ECM Motor 35S(ST), Size 3, 120-277V | H1-2269A | 35S_35S-SIZES3-ADSR-REV1 |
| 4 | MTR35SECMS4 | ECM Motor 35S(ST), Size 4, 120-277V | H1-2269A | 35S_4ADSR |
| 5 | MTR35SECMS5 | ECM Motor 35S(ST), Size 5, 120-277V | H1-2270A | 35S_5ADSR |
| 6 | MTR35SECMS6 | ECM Motor 35S(ST), Size 6, 120-277V | H1-2271A | 35S_6ADSR |
| 7 | MTR35SECMS7 | ECM Motor 35S(ST), Size 7, 120-277V | H1-2270A | 35S_7ADSR |

Model 35N

| Unit Size | RAPP Code | Description | Part Number | Program |
|--------------|-------------|---------------------------------|-------------|-----------------|
| 2 | MTR35NECMS2 | ECM Motor 35N, Size 2, 120-277V | H1-2267A | 35N_Size2_ALL_E |
| 3 | MTR35NECMS3 | ECM Motor 35N, Size 3, 120-277V | H1-2267A | 35N_Size3_ALL_E |
| 5 | MTR35NECMS5 | ECM Motor 35N, Size 5, 120-277V | H1-2270A | 35N_Size5_ALL_E |
| 6 | MTR35NECMS6 | ECM Motor 35N, Size 6, 120-277V | H1-2270A | 35N_Size6_ALL_E |

Model Series 35SXC

| Unit Size | | | Part Number | Program |
|--------------|--------------|-----------------------------------|-------------|-----------------------------|
| 1 | MTR35XECMS1A | ECM Motor 35SXC, Size 1, 120V | H1-3146 | 35S(ST_XC)_1_120V.ECM |
| 1 | MTR35XECMS1B | ECM Motor 35SXC, Size 1, 277V | H1-3145 | 35S(ST_XC)_1_277V.ECM |
| 3 | MTR35XECMS3 | ECM Motor 35SXC, Size 3, 120-277V | H1-3098 | 35SXC-3 HEB.ECM_Application |
| 5 | MTR35XECMS5 | ECM Motor 35SXC, Size 5, 120-277V | H1-3099 | 35SXC-5 HEB.ECM_Application |

Model 37S(ST)

| Unit Size | RAPP Code | Description | Part Number | Program |
|--------------|--------------|-------------------------------------|-------------|------------------|
| 1 | MTR37SECMS1A | ECM Motor 37S(ST), Size 1, 120-277V | H1-2705 | 37S_Size1_All_R2 |
| 2 | MTR37SECMS2A | ECM Motor 37S(ST), Size 2, 120V | H1-2706 | 37S_Size2_120 |
| 2 | MTR37SECMS2B | ECM Motor 37S(ST), Size 2, 208-277V | H1-2705 | 37S_Size2_277 |
| 3 | MTR37SECMS3 | ECM Motor 37S(ST), Size 3, 120-277V | H1-2269UA | 37S_Size3_ADSR |
| 4 | MTR37SECMS4 | ECM Motor 37S(ST), Size 4, 120-277V | H1-2267A | 37S_Size4_All_R2 |

Model 37N

| Unit Size | RAPP Code | Description | Part Number | Program |
|--------------|-------------|---------------------------------|-------------|------------------|
| 2 | MTR37NECMS2 | ECM Motor 37N, Size 2, 120-277V | H1-2267A | 37N_2ADS2 |
| 3 | MTR37NECMS3 | ECM Motor 37N, Size 3, 120-277V | H1-2267A | 37N_3ADSR |
| 4 | MTR37NECMS4 | ECM Motor 37N, Size 4, 120-277V | H1-2269UA | 37N_Size4_ALL_R2 |

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PSC MOTORS

Model 35S(ST)

| Unit Size | RAPP Code | Description | Part Number | Capacitor |
|-----------|--------------|--------------------------------------|-------------|-----------|
| 1,2 | MTR35SPSCS1A | PSC 35S, Size 1&2, 1/10 HP, 120V+Cap | H1-2584 | H1-0875 |
| 1,2 | MTR35SPSCS1B | PSC 35S, Size 1&2, 1/10 HP, 208V+Cap | H1-2585 | H1-0875 |
| 1,2 | MTR35SPSCS1C | PSC 35S, Size 1&2, 1/10 HP, 277V+Cap | H1-2586 | H1-0875 |
| 3 | MTR35SPSCS3A | PSC 35S, Size 3, 1/4 HP, 120V+Cap | H1-2590S | H1-0878 |
| 3 | MTR35SPSCS3B | PSC 35S, Size 3, 1/4 HP, 208V+Cap | H1-2591S | H1-0878 |
| 3 | MTR35SPSCS3C | PSC 35S, Size 3, 1/4 HP, 277V+Cap | H1-2592S | H1-0878 |
| 4 | MTR35SPSCS4A | PSC 35S, Size 4, 1/3 HP, 120V+Cap | H1-2593 | H1-0877 |
| 4 | MTR35SPSCS4B | PSC 35S, Size 4, 1/3 HP, 208V+Cap | H1-2594 | H1-0876 |
| 4 | MTR35SPSCS4C | PSC 35S, Size 4, 1/3 HP, 277V+Cap | H1-2595 | H1-0876 |
| 5,7 | MTR35SPSCS5A | PSC 35S, Size 5&7, 1/2 HP, 120V+Cap | H1-2596S | H1-0877 |
| 5,7 | MTR35SPSCS5B | PSC 35S, Size 5&7, 1/2 HP, 208V+Cap | H1-2597S | H1-0876 |
| 57 | MTR35SPSCS5C | PSC 35S, Size 5&7, 1/2 HP, 277V+Cap | H1-2598S | H1-0876 |
| 6 | MTR35SPSCS6A | PSC 35S, Size 6, 3/4 HP, 120V+Cap | H1-2599 | H1-0877 |
| 6 | MTR35SPSCS6B | PSC 35S, Size 6, 3/4 HP, 208V+Cap | H1-2600 | H1-0877 |
| 6 | MTR35SPSCS6C | PSC 35S, Size 6, 3/4 HP, 277V+Cap | H1-2601 | H1-0877 |

Model 35N

| Unit Size | RAPP Code | Description | Part Number | Capacitor |
|-----------|--------------|------------------------------------|-------------|-----------|
| 2 | MTR35NPSCS2A | PSC 35N, Size 2, 1/10 HP, 120V+Cap | H1-2584 | H1-0875 |
| 2 | MTR35NPSCS2B | PSC 35N, Size 2, 1/10 HP, 208V+Cap | H1-2585 | H1-0875 |
| 2 | MTR35NPSCS2C | PSC 35N, Size 2, 1/10 HP, 277V+Cap | H1-2586 | H1-0875 |
| 3 | MTR35NPSCS3A | PSC 35N, Size 3, 1/4 HP, 120V+Cap | H1-2590S | H1-0878 |
| 3 | MTR35NPSCS3B | PSC 35N, Size 3, 1/4 HP, 208V+Cap | H1-2591S | H1-0878 |
| 3 | MTR35NPSCS3C | PSC 35N, Size 3, 1/4 HP, 277V+Cap | H1-2592S | H1-0878 |
| 5 | MTR35NPSCS5A | PSC 35N, Size 5, 1/2 HP, 120V+Cap | H1-2596S | H1-0877 |
| 5 | MTR35NPSCS5B | PSC 35N, Size 5, 1/2 HP, 208V+Cap | H1-2597S | H1-0876 |
| 5 | MTR35NPSCS5C | PSC 35N, Size 5, 1/2 HP, 277V+Cap | H1-2598S | H1-0876 |
| 6 | MTR35NPSCS6A | PSC 35N, Size 6, 3/4 HP, 120V+Cap | H1-2599 | H1-0877 |
| 6 | MTR35NPSCS6B | PSC 35N, Size 6, 3/4 HP, 208V+Cap | H1-2600 | H1-0877 |
| 6 | MTR35NPSCS6C | PSC 35N, Size 6, 3/4 HP, 277V+Cap | H1-2601 | H1-0877 |

Model 37S(ST)

| Unit Size | RAPP Code | Description | Part Number | Capacitor |
|-----------|--------------|-------------------------------------|-------------|-----------|
| 2 | MTR37SPSCS2A | PSC 37S, Size 2, 1/6 HP, 120V+Cap | H1-2589S | H1-0875 |
| 2 | MTR37SPSCS2B | PSC 37S, Size 2, 1/6 HP, 208V+Cap | H1-2588 | H1-0875 |
| 2 | MTR37SPSCS2C | PSC 37S, Size 2, 1/6 HP, 277V+Cap | H1-2587 | H1-0875 |
| 3,4 | MTR37SPSCS3A | PSC 37S, Size 3&4, 1/4 HP, 120V+Cap | H1-2590S | H1-0878 |
| 3,4 | MTR37SPSCS3B | PSC 37S, Size 3&4, 1/4 HP, 208V+Cap | H1-2591S | H1-0878 |
| 3,4 | MTR37SPSCS3C | PSC 37S, Size 3&4, 1/4 HP, 277V+Cap | H1-2592S | H1-0878 |

Model 37N

| Unit Size | RAPP Code | Description | Part Number | Capacitor |
|-----------|--------------|-----------------------------------|-------------|-----------|
| 2 | MTR37NPSCS2A | PSC 37N, Size 2, 1/6 HP, 120V+Cap | H1-2589S | H1-0875 |
| 2 | MTR37NPSCS2B | PSC 37N, Size 2, 1/6 HP, 208V+Cap | H1-2588 | H1-0875 |
| 2 | MTR37NPSCS2C | PSC 37N, Size 2, 1/6 HP, 277V+Cap | H1-2587 | H1-0875 |
| 3 | MTR37NPSCS3A | PSC 37N, Size 3, 1/4 HP, 120V+Cap | H1-2590S | H1-0878 |
| 3 | MTR37NPSCS3B | PSC 37N, Size 3, 1/4 HP, 208V+Cap | H1-2591S | H1-0878 |
| 3 | MTR37NPSCS3C | PSC 37N, Size 3, 1/4 HP, 277V+Cap | H1-2592S | H1-0878 |
| 4 | MTR37NPSCS4A | PSC 35N, Size 4, 1/2 HP, 120V+Cap | H1-2596S | H1-0877 |
| 4 | MTR37NPSCS4B | PSC 35N, Size 4, 1/2 HP, 208V+Cap | H1-2597S | H1-0876 |
| 4 | MTR37NPSCS4C | PSC 35N, Size 4, 1/2 HP, 277V+Cap | H1-2598S | H1-0876 |

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WATER COILS

Model 35SW(ST)

| Unit size | RAPP code | Description | Part Number |
|--------------|-----------|-----------------------------|----------------|
| 1,2 | V35SHWC12 | HW Coil 35S 1 Row, Size 1,2 | H1-0986 |
| 3 | V35SHWC13 | HW Coil 35S 1 Row, Size 3 | H1-0987 |
| 4,5 | V35SHWC15 | HW Coil 35S 1 Row, Size 4,5 | H1-0988 |
| 6 | V35SHWC16 | HW Coil 35S 1 Row, Size 6 | H1-0989 |
| 7 | V35SHWC17 | HW Coil 35S 1 Row, Size 7 | H1-0055 |
| 1,2 | V35SHWC22 | HW Coil 35S 2 Row, Size 1,2 | H1-0925 |
| 3 | V35SHWC23 | HW Coil 35S 2 Row, Size 3 | H1-0926 |
| 4,5 | V35SHWC25 | HW Coil 35S 2 Row, Size 4,5 | H1-0927 |
| 6 | V35SHWC26 | HW Coil 35S 2 Row, Size 6 | H1-0990 |
| 7 | V35SHWC27 | HW Coil 35S 2 Row, Size 7 | H1-0056 |
| 1,2 | V35SHWC32 | HW Coil 35S 3 Row, Size 1,2 | H1-0942 |
| 3 | V35SHWC33 | HW Coil 35S 3 Row, Size 3 | H1-0943 |
| 4,5 | V35SHWC35 | HW Coil 35S 3 Row, Size 4,5 | H1-0944 |
| 6 | V35SHWC36 | HW Coil 35S 3 Row, Size 6 | H1-0945 |
| 7 | V35SHWC37 | HW Coil 35S 3 Row, Size 7 | H1-1038 |

Model 35SXCW

| Unit size | RAPP code | Description | Part Number |
|--------------|-----------|---------------------------|----------------|
| 1 | V35SHWC12 | HW Coil 35S 1 Row, Size 1 | H1-0986 |
| 3 | V35SHWC13 | HW Coil 35S 1 Row, Size 3 | H1-0987 |
| 5 | V35SHWC15 | HW Coil 35S 1 Row, Size 5 | H1-0988 |
| 1 | V35SHWC22 | HW Coil 35S 2 Row, Size 1 | H1-0925 |
| 3 | V35SHWC23 | HW Coil 35S 2 Row, Size 3 | H1-0926 |
| 5 | V35SHWC25 | HW Coil 35S 2 Row, Size 5 | H1-0927 |
| 1 | V35SHWC32 | HW Coil 35S 3 Row, Size 1 | H1-0942 |
| 3 | V35SHWC33 | HW Coil 35S 3 Row, Size 3 | H1-0943 |
| 5 | V35SHWC35 | HW Coil 35S 3 Row, Size 5 | H1-0944 |

Model 35NW

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|---------------------------|----------------|
| 2 | V35NHWC12 | HW Coil 35N 1 Row, Size 2 | H1-1251 |
| 3 | V35NHWC13 | HW Coil 35N 1 Row, Size 3 | H1-1254 |
| 5 | V35NHWC15 | HW Coil 35N 1 Row, Size 5 | H1-1257A |
| 6 | V35NHWC16 | HW Coil 35N 1 Row, Size 6 | H1-1260 |
| 2 | V35NHWC22 | HW Coil 35N 2 Row, Size 2 | H1-1252 |
| 3 | V35NHWC23 | HW Coil 35N 2 Row, Size 3 | H1-1255 |
| 5 | V35NHWC25 | HW Coil 35N 2 Row, Size 5 | H1-1258 |
| 6 | V35NHWC26 | HW Coil 35N 2 Row, Size 6 | H1-1261 |
| 2 | V35NHWC32 | HW Coil 35N 3 Row, Size 2 | H1-1253 |
| 3 | V35NHWC33 | HW Coil 35N 3 Row, Size 3 | H1-1256 |
| 5 | V35NHWC35 | HW Coil 35N 3 Row, Size 5 | H1-1259 |
| 6 | V35NHWC36 | HW Coil 35N 3 Row, Size 6 | H1-1262 |

Model 37NW

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|---------------------------|----------------|
| 2 | V37NHWC12 | HW Coil 37N 1 Row, Size 2 | H1-2163 |
| 3 | V37NHWC13 | HW Coil 37N 1 Row, Size 3 | H1-2165 |
| 4 | V37NHWC14 | HW Coil 37N 1 Row, Size 4 | H1-2167 |
| 2 | V37NHWC22 | HW Coil 37N 2 Row, Size 2 | H1-2164 |
| 3 | V37NHWC23 | HW Coil 37N 2 Row, Size 3 | H1-2166 |
| 4 | V37NHWC24 | HW Coil 37N 2 Row, Size 4 | H1-2168 |

Model 37SW(ST)

| Unit Size | RAPP Code | Description | Part Number |
|--------------|-----------|-----------------------------|----------------|
| 1 | V37SHWC11 | HW Coil 37S 1 Row, Size 1 | H1-0091 |
| 2,3 | V37SHWC13 | HW Coil 37S 1 Row, Size 2,3 | H1-0094 |
| 4 | V37SHWC14 | HW Coil 37S 1 Row, Size 4 | H1-0097 |
| 1 | V37SHWC21 | HW Coil 37S 2 Row, Size 1 | H1-0092 |
| 2,3 | V37SHWC23 | HW Coil 37S 2 Row, Size 2,3 | H1-0095 |
| 4 | V37SHWC24 | HW Coil 37S 2 Row, Size 4 | H1-0098 |
| 1 | V37SHWC31 | HW Coil 37S 3 Row, Size 1 | H1-0093 |
| 2, 3 | V37SHWC33 | HW Coil 37S 3 Row, Size 2,3 | H1-0096 |
| 4 | V37SHWC34 | HW Coil 37S 3 Row, Size 4 | H1-0099 |

FUSE/FUSE BLOCKS

| RAPP | Description | Part |
|--------------|--------------------------|----------|
| Code | Description | Number |
| EC-FSBLK1PA | Fuseblock, 1P, 250V, 30A | H1-0016 |
| EC-FSBLK1PB | Fuseblock, 1P, 250V, 60A | H1-0263 |
| EC-FSBLK1PC | Fuseblock, 1P, 600V, 30A | H1-0973 |
| EC-FSBLK1PD | Fuseblock, 1P, 600V, 60A | H1-0269A |
| EC-FSBLK2PA | Fuseblock, 2P, 250V, 30A | H1-0920 |
| EC-FSBLK2PC | Fuseblock, 2P, 600V, 30A | H1-0264 |
| EC-FSBLK2PD | Fuseblock, 2P, 600V, 60A | H1-0269B |
| EC-FSBLK3PA | Fuseblock, 3P, 250V, 30A | H1-0265 |
| EC-FSBLK3PB | Fuseblock, 3P, 250V, 60A | H1-0266 |
| EC-FSBLK3PC | Fuseblock, 3P, 600V, 30A | H1-0268 |
| EC-FSBLK3PD | Fuseblock, 3P, 600V, 60A | H1-0269 |
| EC-FUS250V15 | Fuse, 250V, 15A | H1-0320A |
| EC-FUS250V20 | Fuse, 250V, 20A | H1-0321A |
| EC-FUS250V25 | Fuse, 250V, 25A | H1-0322A |
| EC-FUS250V30 | Fuse, 250V, 30A | H1-0323A |
| EC-FUS250V35 | Fuse, 250V, 35A | H1-0324A |
| EC-FUS250V40 | Fuse, 250V, 40A | H1-0325A |
| EC-FUS250V45 | Fuse, 250V, 45A | H1-0326A |
| EC-FUS250V50 | Fuse, 250V, 50A | H1-0327A |
| EC-FUS250V60 | Fuse, 250V, 60A | H1-0328A |
| EC-FUS600V15 | Fuse, 600V, 15A | H1-0329A |
| EC-FUS600V20 | Fuse, 600V, 20A | H1-0330A |
| EC-FUS600V25 | Fuse, 600V, 25A | H1-0331A |
| EC-FUS600V30 | Fuse, 600V, 30A | H1-0332A |
| EC-FUS600V35 | Fuse, 600V, 35A | H1-0333A |
| EC-FUS600V40 | Fuse, 600V, 40A | H1-0334A |
| EC-FUS600V45 | Fuse, 600V, 45A | H1-0335A |
| EC-FUS600V50 | Fuse, 600V, 50A | H1-0336A |
| EC-FUS600V60 | Fuse, 600V, 60A | H1-0337A |

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BLOWERS AND WHEEL

Model Series 35S(ST) and 35SXC

| Unit Size | RAPP Code | Location | Description | Part Number |
|--------------|-----------|----------|--|----------------|
| 1 | BLW1809X | OL, OR | Blower, 7x7, .5, CW, Dual Inlet (H1-2361 + H1-2361A + H1-2361B + H1-2547): | 4 parts below: |
| 1 | BLW2361 | OL, OR | Blower, Wheel | H1-2361 |
| 1 | BLW2361A | OL, OR | Blower, Inlet Ring | H1-2361A |
| 1 | BLW2361B | OL, OR | Blower, Housing, Beckett 625C, 8.25 | H1-2361B |
| 1 | BLW2547 | OL, OR | Blower, Inlet Ring | H1-2547 |

Model Series 35S(ST)

| Unit Size | RAPP Code | Location | Description | Part Number |
|--------------|-----------|----------|------------------------------------|--------------|
| 2 | BLW0902AX | OL, OR | Blower, 9X7T, .5, CW, Dual Inlet | H1-0902AX |
| 3 | BLW0900X | OL, OR | Blower, 9X7R, .5, CW, Dual Inlet | H1-0900X |
| 4 | BLW1983X | OL, OR | Blower, 9X9R, .5, CW, Dual Inlet | H1-1983X |
| 5 | BLW0903X | OL, OR | Blower, 10X10T, .5, CW, Dual Inlet | H1-0903X |
| 6 | BLW004X | OL, OR | Blower, 10X10R, .5, CW, Dual Inlet | H1-0904X |
| 7 | BLW0903X | OL, OR | Blower, 10X10T, .5, CW, Dual Inlet | H1-0903X (2) |

Model Series 35SXC

| Unit Size | RAPP Code | Location | Description | Part Number |
|--------------|-----------|----------|--|-------------|
| 3 | BLW3098 | OL, OR | Blower, 9X7 w/EON Spoked Rotor, 48frame,10P,1/2HP | H1-3098 |
| 5 | BLW3099 | OL, OR | Blower, 10X10 w/EON Spoked Rotor,48frame,10P,3/4HP | H1-3099 |

Model 37S(ST)

| Unit Size | RAPP Code | Location | Description | Part Number |
|--------------|-----------|----------|-----------------------------------|-------------|
| 1 | BLW2730 | OL, OR | Blower, 9X4R, .5, CW, Dual Inlet | H1-2730 |
| 2 | BLW2731 | OL, OR | Blower, 10X4R, .5, CW, Dual Inlet | H1-2731 |
| 3 | BLW2427X | OL, OR | Blower, 11X4R, .5, CW, Dual Inlet | H1-2427X |
| 4 | BLW0906 | OL, OR | Blower, 10X4R, .5, CW, Dual Inlet | H1-0906 (2) |
| 2, 3 | BLW0906 | OL, OR | Blower, 10X4R, .5, CW, Dual Inlet | H1-0906 |

Model 35N

| Unit Size | RAPP Code | Location | Description | Part Number |
|--------------|-----------|----------|------------------------------------|-------------|
| 2 | BLW0902AX | OL, OR | Blower, 9X7T, .5, CW, Dual Inlet | H1-0902AX |
| 3 | BLW0900ZX | OL, OR | Blower, 9X7R, .5, CW, Dual Inlet | H1-0900ZX |
| 5 | BLW0903X | OL, OR | Blower, 10X10T, .5, CW, Dual Inlet | H1-0903X |
| 6 | BLW0904X | OL, OR | Blower, 10X10R, .5, CW, Dual Inlet | H1-0904X |

Model 37N

| Unit Size | RAPP Code | Location | Description | Part Number |
|--------------|-----------|----------|-----------------------------------|-------------|
| 4 | BLW0905AX | OL, OR | Blower, 10X6R, .5, CW, Dual Inlet | H1-0905AX |
| 2, 3 | BLW0906X | OL, OR | Blower, 10X4R, .5, CW, Dual Inlet | H1-0906X |



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