

## PACKAGED GAS/ELECTRIC

75011205

REV.  
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The sections that appear on this illustration are for all options.  
Sections and options will appear in the Parts List if ordered with the unit.



This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                               |
|----------|---------------|----------|-----------------------------------------------------------|
| 75011208 | 2             |          | BLOWER                                                    |
| 75011210 | 3             |          | FAN                                                       |
| 75011228 | 4             |          | CONTROL PANEL                                             |
| 75010620 | 6             |          | OUTDOOR AIR SENSOR                                        |
| 75011206 | 6             |          | REFRIGERATION - COMPRESSOR, INDOOR/OUTDOOR COILS, FILTERS |
| 75010605 | 7             |          | BURNERS, GAS VALVE, INDUCER, FD, FR, IP, TCO1             |
| 75012465 | 7             |          | HEAT EXCHANGER                                            |
| 75011215 | 8             |          | FROSTAT                                                   |
| OPTIONS  | 10            |          | OPTIONAL FIELD INSTALLED ACCESSORIES                      |
| 75011255 | 11            |          | MODEL NUMBER DESCRIPTION DIGITS 1-17                      |
| 75011256 | 11            |          | MODEL NUMBER DESCRIPTION DIGITS 18-31                     |
| 75011257 | 11            |          | MODEL NUMBER NOTES                                        |

BLOWER

75011208

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This is a typical illustration. The unit in the field may not appear exactly as shown.

| Part No. | Reference No. | Quantity | Description                                                                                                |
|----------|---------------|----------|------------------------------------------------------------------------------------------------------------|
| CNT03511 | *             | 1        | CONTROL; LIMIT, 120F, AUTOMATIC RESET, SPST, NC, 15A/120VAC, 10A/240VAC, QC TERMINAL                       |
| SCR01623 | *             | 17       | SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD                                   |
| BRK03657 | 2             | 4        | BRACKET; MOTOR ARM, INCLUDES GROMMET. (CONTAINS A QTY OF 4 BRACKETS)                                       |
| NUT00355 | 2             | 4        | NUT; HEX, LOCK, 5/16IN.-18                                                                                 |
| NUT00446 | 3             | 1        | NUT; 0.31-18, HEX FLANGE-LOCK                                                                              |
| BRK03232 | 4             | 1        | BRACKET; MOTOR MOUNTING, 17.6 LENGTH (4 LEG)                                                               |
| WHL02168 | 5             | 1        | WHEEL; FAN, 11.87 DIA X 11.93 W, .50 BORE, CCW, CONCAVE. INCLUDES 5/16-18 X 1/2 INCH SQH CUP PT SET SCREW. |
| ORF01304 | 6             | 1        | ORIFICE; INLET RING, 10.38 ID                                                                              |
| BUS00485 | 7             | 1        | BUSHING; .62 MTG W/MAX .44 ID                                                                              |
| HUS03676 | 8             | 1        | HOUSING; BLOWER, 11 X 11                                                                                   |
| BRK04715 | 9             | 1        | BRACKET; INDOOR FAN, 22.00L X 0.90W X 0.50H                                                                |
| BRK04716 | 10            | 1        | BRACKET; FAN ACCESS PANEL, 17.13L X 3.16W X 1.0H                                                           |
| PNL33591 | 11            | 1        | PANEL; HEAT WRAPPER, 42.23L X 19.00W X 19.25H, 14.63 X 12.18 OPENING                                       |

FAN

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This is a typical illustration. The unit in the field may not appear exactly as shown.

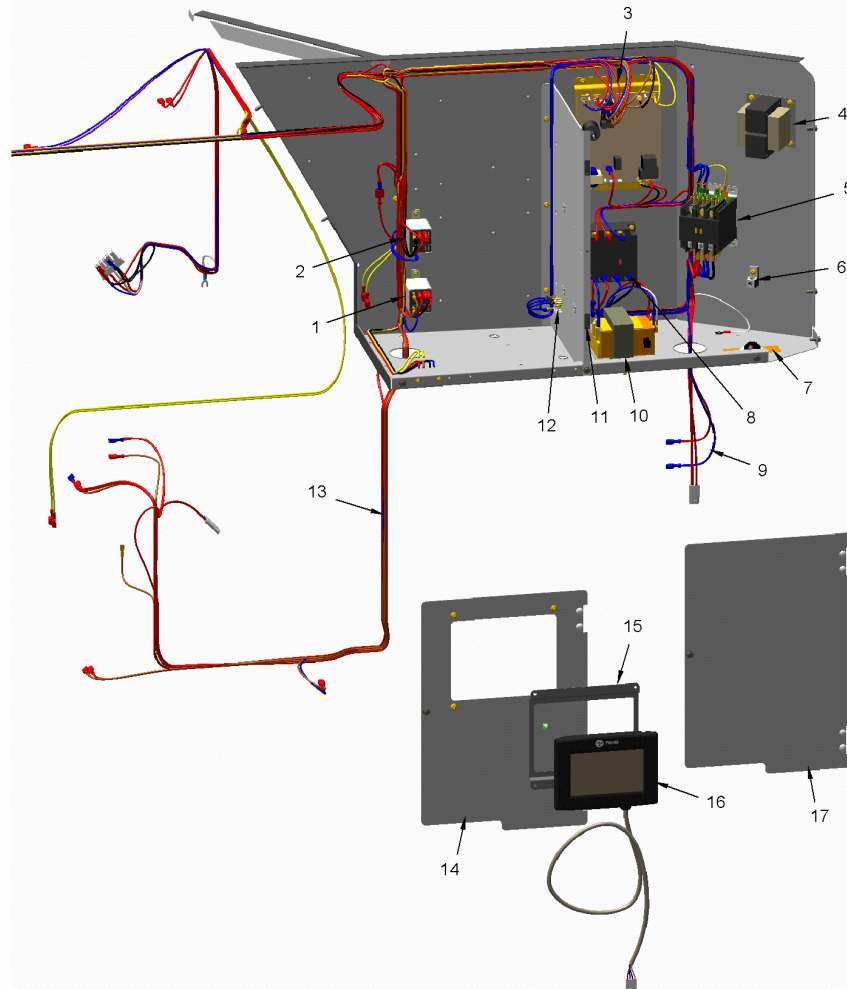
| Part No. | Reference No. | Quantity | Description                                                              |
|----------|---------------|----------|--------------------------------------------------------------------------|
| FAN05568 | 1             | 1        | PROPELLER; OD FAN - 22 INCH 3 BLADES                                     |
| MOT17284 | 2             | 1        | MOTOR; 3 PHASE 1/3 HP 208                                                |
| GRL01332 | 3             | 1        | GRILLE; FAN, 26.65 MTG HOLE DIAMETER                                     |
| IRT00017 | 4             | 4        | INSERT; BUMPER-STOP, 0.468 OD X 0.81 LG, BLACK RUBBER                    |
| NUT00845 | 5             | 4        | NUT; FLANGE NIBBED                                                       |
| SCR01623 | 6             | 4        | SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD |

## CONTROL PANEL

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Parts will appear in the Parts List if ordered with the unit.



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| Part No. | Reference No. | Quantity | Description                                                                               |
|----------|---------------|----------|-------------------------------------------------------------------------------------------|
| BLK00940 | *             | 1        | BLOCK; 6 TERMINALS (LVTB)                                                                 |
| WIR03230 | *             | 1        | WIRE; HARNESS, CRANKCASE HEATER, W/CTL                                                    |
| RLY03065 | 1             | 1        | RELAY; DPDT, 5 AMPS AT 120/277 VAC, 24 VAC COIL, 750 RMS, COIL CLASS F                    |
| RLY03065 | 2             | 1        | RELAY; DPDT, 5 AMPS AT 120/277 VAC, 24 VAC COIL, 750 RMS, COIL CLASS F                    |
| CNT04716 | 3             | 1        | CONTROL; MODULE, STANDALONE GAS, SINGLE STAGE                                             |
| BRK04176 | 4             | 1        | BRACKET; IGNITION MODULE, 6.56 X 5.00 X 0.38                                              |
| CTR01826 | 5             | 1        | CONTACTOR; 3 POLE, 30 FLA, 24 VAC COIL, WITH LUGS                                         |
| CON00077 | 6             | 1        | CONNECTOR, ELECTRIC GROUND, 14-2 AWG SOLDERLESS                                           |
| CNT01405 | 7             | 1        | CONTROL; TEMP, OPEN 65F, CLOSE 55F, SPST                                                  |
| CNT05176 | 8             | 1        | CONTROL; MONITOR, 3-PHASE LINE, UNIVERSAL 180-632 VAC, PHASE AND LOSS REVERSAL            |
| WIR09196 | 9             | 1        | WIRE; HARNESS, POWER, 208/230V - RD,BL,BK,GR-Y,VI WIRES, INCLUDES PLUG TO IDM             |
| TRR00825 | 10            | 1        | TRANSFORMER; 75 VA, 208-230V PRI, 24V SEC                                                 |
| CAT00043 | 11            | 2        | CATCH; MAGNETIC SNAP-IN                                                                   |
| TER01680 | 12            | 1        | TERMINAL STRIP; .25IN. FASTON                                                             |
| WIR09200 | 13            | 1        | WIRE; HARNESS, CONTROLS, ELECTRO-MECHANICAL, INCLUDES LTB1: TER01594 AND TB-COM: TER01680 |



| Part No. | Reference No. | Quantity | Description                                                              |
|----------|---------------|----------|--------------------------------------------------------------------------|
| SCR01623 | *             | 4        | SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD |
| SEN00275 | 1             | 1        | SENSOR; THERMISTOR PROBE, -40 DEG C TO 65 DEG C, 12 INCH STRIPPED LEADS  |
| GRM00039 | 2             | 1        | GROMMET; RUBBER .25 ID X .05 GRV MLD                                     |
| BRK04441 | 3             | 1        | BRACKET; OUTDOOR AIR SENSOR                                              |

REFRIGERATION

75011206

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This is a typical illustration. The unit in the field may not appear exactly as shown.

Parts List Number :YSCUP9

Model Number :YSC048G3ELB005D

| Part No. | Reference No. | Quantity | Description                                                                                                                                     |
|----------|---------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| BOF02425 | *             | 1        | BLOCKOFF; ID COIL TOP                                                                                                                           |
| BOF02426 | *             | 1        | BLOCKOFF; ID COIL - BOTTOM                                                                                                                      |
| HTR03435 | *             | 1        | HEATER; CRANKCASE, 6.5 DIA, 40W, 230V                                                                                                           |
| TOL05032 | *             | 1        | TOOL; FILTER REMOVAL                                                                                                                            |
| WIR03227 | *             | 1        | WIRE; PLUG, 30 IN LENGTH, FOR 230/60/3 OR 460/60/3 OR 575/60/3 SCROLL COMPRESSOR (RD,BL,BK WIRES)                                               |
| BRK03274 | 1             | 4        | BRACKET; BASE SUPPORT MOUNT, 10.3 LENGTH (FORKLIFT BRACKET)                                                                                     |
| PLT04187 | 2             | 1        | PLATE; COMPRESSOR MOUNTING, 17.0 X 11.0                                                                                                         |
| ISR00007 | 3             | 4        | ISOLATOR; VIBRATION                                                                                                                             |
| NUT00355 | 3             | 4        | NUT; HEX, LOCK, 5/16IN.-18                                                                                                                      |
| COM10275 | 4             | 1        | COMPRESSOR; SCROLL; ALLIANCE; R-410A; 3.5 TON (42,000 BTU/H); 208-230/3/60; 3/4"S X 1/2"D STUB CONNECTIONS; USES OIL00094; ALLIANCE SXA042B3BPZ |
| COR00006 | 5             | 1        | CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD                                                                                                |
| VAL01483 | 5             | 1        | VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE                                                                                   |
| ANG01323 | 6             | 1        | ANGLE; TOGGLE LOCK, 41.93 X 1.80                                                                                                                |
| DHY01511 | 7             | 1        | DRIER; FILTER, LIQUID LINE, 5/16 ODM INLET X 5/16 ODF OUTLET, 8 CU INCH                                                                         |
| CNL01178 | 9             | 1        | CHANNEL; INDOOR COIL SUPPORT, 42 INCH LENGTH                                                                                                    |
| RAL00873 | 10            | 1        | RAIL; BASE, 69.8 X 44.2 (3 SIDES,U SHAPED)                                                                                                      |
| RAL00874 | 11            | 1        | RAIL; END, 44.0 LENGTH                                                                                                                          |
| COL25998 | 13            | 1        | COIL; ASSEMBLY; INDOOR COIL, MC                                                                                                                 |
| VAL12334 | 14            | 1        | VALVE; EXPANSION; TR6 4T                                                                                                                        |
| PAN03947 | 15            | 1        | PAN; DRAIN, CONDENSATE REMOVAL, 39.47 L, ATTACHES TO BOTTOM OF THE ID COIL                                                                      |
| CAP00072 | 16            | 1        | CAP; VALVE, SEAL, .25 FFL                                                                                                                       |
| SET00819 | 16            | 1        | SEAT; SADDLE MOUNT ASSEMBLY                                                                                                                     |
| STM00803 | 16            | 1        | STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)                                             |
| SWT03623 | 17            | 1        | SWITCH; LOW PRESSURE CUTOUT, 250 OPEN, ACTUATION PRESSURE 55 +/- 5, RESET PRESSURE 35 +/- 5                                                     |
| WIR04406 | 17            | 1        | WIRE; HARNESS, LOW PRESSURE SWITCH, 42 IN LENGTH, BLUE WIRES, CIR 1                                                                             |
| THT02805 | 18            | 1        | THERMOSTAT; WITH CLIP, .5/.625 TUBE, 38 IN, BLACK WIRES, SPST, 230F OPEN, 180F CLOSE                                                            |
| CAP00072 | 19            | 1        | CAP; VALVE, SEAL, .25 FFL                                                                                                                       |
| SET00819 | 19            | 1        | SEAT; SADDLE MOUNT ASSEMBLY                                                                                                                     |
| STM00803 | 19            | 1        | STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)                                             |
| SWT03398 | 20            | 1        | SWITCH; HIGH PRESSURE, BRAZED, OPENS AT 650 PSIG, CLOSES AT 550 PSIG, 36 INCH WHITE LEADS                                                       |
| CLP01257 | 22            | 4        | CLIP; 16.0MM MC MOUNTING (QTY 4)                                                                                                                |

## BURNER

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### TYPICAL ILLUSTRATION



Parts List Number :YSCUP9

Model Number :YSC048G3ELB005D

| Part No. | Reference No. | Quantity | Description                                                                                                      |
|----------|---------------|----------|------------------------------------------------------------------------------------------------------------------|
| SWT02649 | *             | 1        | SWITCH; FLAME ROLLOUT, 240F, OPENS ON TEMP RISE, MANUAL RESET, SPST, 25A/240V QC TERMINAL                        |
| SEN00297 | 1             | 1        | SENSOR; FLAME                                                                                                    |
| BRK04321 | 2             | 1        | BRACKET; IGNITOR AND FLAME SENSOR, 7.1 X 1.1                                                                     |
| IGN00114 | 3             | 1        | IGNITOR; ELECTRODE, 57 IN LEAD                                                                                   |
| DUC01535 | 5             | 1        | DUCT; FLUE EXHAUST, MANDREL, 2.25 INCH                                                                           |
| GRD01506 | 6             | 1        | GUARD; GAS HEAT EXHAUST, 6 X 6 WIRE MESH SCREEN, 2.28 ID                                                         |
| ELL00026 | 7             | 1        | ELBOW; BLACK IRON, .50 NPS, 90 DEG ST,150#                                                                       |
| VAL12644 | 8             | 1        | VALVE; GAS, 36G 2-STAGE                                                                                          |
| MFD01148 | 9             | 1        | MANIFOLD; 2 BURNER                                                                                               |
| TUB08299 | 10            | 1        | TUBE; CONNECTING PRESSURE SW 3/16 IN. ID X 11.00 IN. LENGTH                                                      |
| CNT03520 | 11            | 1        | CONTROL; DIFFERENTIAL PRESSURE SWITCH, -0.15 IN WC OPEN, SPDT, SNAP ACTING CONTACTS, NO, 3 FLA, 18 LRA AT 24 VAC |
| BLW01461 | 12            | 1        | BLOWER; 2 SP INDUCER, SMALL HOUSING                                                                              |
| GKT03850 | 13            | 1        | GASKET; COMBUSTION BLOWER                                                                                        |
| ORF01308 | 14            | 2        | ORIFICE; GAS, .120 DIA, # 31 DRILL, SPUD                                                                         |
| BNR01071 | 15            | 2        | BURNER; 0.60 ID INSHOT BURNER, 0.036 THK 304 STAINLESS STEEL                                                     |
| BRK04317 | 16            | 1        | BRACKET; GAS 2-BURNER SUPPORT, 8.50 X 2.53 X 6.91                                                                |

## HEAT EXCHANGER

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All parts are included with #1, except the TCO1 Plug #2.



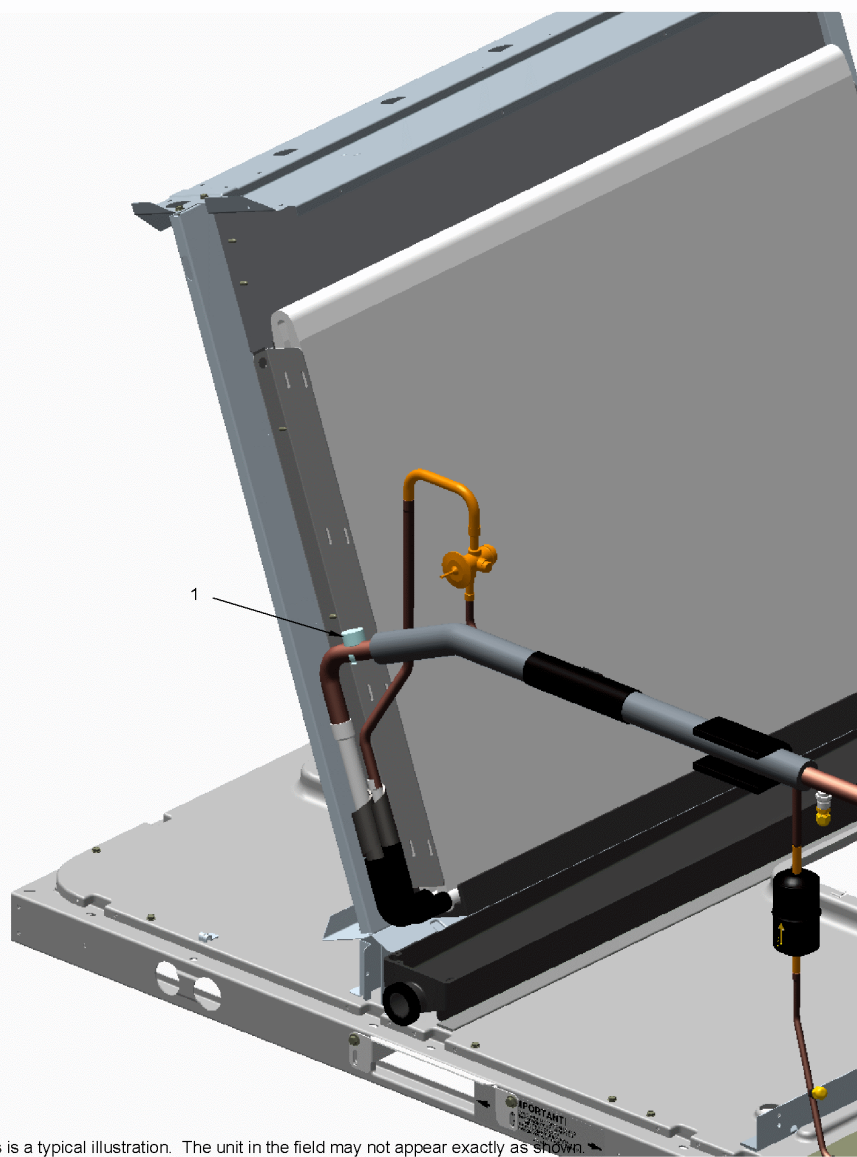
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| Part No. | Reference No. | Quantity | Description                                                         |
|----------|---------------|----------|---------------------------------------------------------------------|
| EXC02815 | 1             | 1        | EXCHANGER; HEAT; 80MBH, 2 STAGE, ALUMINUM                           |
| PLU01294 | 2             | 1        | PLUG; GAS HEAT TC01                                                 |
| PNL33402 | 3             | 1        | PANEL; COLLECTOR COVER                                              |
| ORF02023 | 4             | 1        | ORIFICE; AIR                                                        |
| WEL00848 | 5             | 1        | WELL; BULB, TAP, STATIC, 1.0 LENGTH X 0.50 OD X 0.281 OD X 0.125 ID |
| CLP00942 | 6             | 1        | CLIP; STATIC, RETAINER, .80 X .56 X .022                            |
| INS03524 | 7             | 1        | INSULATION; HEAT EXCHANGER                                          |
| GKT03851 | 8             | 1        | GASKET; VESTIBULE, 17.69 X .25 THICK                                |
| ROD01125 | 9             | 1        | ROD; SUPPORT, 18 IN                                                 |

FROSTAT

75011215

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| Part No. | Reference No. | Quantity | Description               |
|----------|---------------|----------|---------------------------|
| CNT07569 | 1             | 1        | CONTROL; DEFROST, SPDT, 3 |

Parts List Number :YSCUP9

Model Number :YSC048G3ELB005D

| Part No.    | Reference No. | Quantity | Description                                                                                                                                |
|-------------|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| BAYABRD001C | *             | 1        | KIT; ACCESSORY, OPTIONS BOARD (BAYABRD001CA)                                                                                               |
| BAYBARM010A | *             | 1        | DAMPER; BAROMETRIC RELIEF (BAYBARM010AB)                                                                                                   |
| BAYBCIR001A | *             | 1        | KIT; FIELD INSTALLED BCI (BAYBCIR001A)                                                                                                     |
| BAYCURB042A | *             | 1        | CURB; ROOFCURB (BAYCURB042AB)                                                                                                              |
| BAYDFPS004A | *             | 1        | KIT; FAN FAILURE SWITCH (BAYDFPS004AB). (OPTIONS BOARD KIT09433-BAYABRD001CA MUST BE INSTALLED IN THE UNIT FOR THIS ACCESSORY TO OPERATE). |
| BAYDMPR052B | *             | 1        | DAMPER; 0-50 PERCENT MOTORIZED OUTSIDE AIR DAMPER, ELECTROMECHANICAL (BAYDMPR052B)                                                         |
| BAYDMPR053B | *             | 1        | DAMPER; 0-50% MANUAL OUTSIDE AIR DAMPER (BAYDMPR053BA)                                                                                     |
| BAYECON086B | *             | 1        | ACCESSORY; 0-100% DRY BULB ECONOMIZER; WITHOUT BAROMETRIC RELIEF                                                                           |
| BAYENTH001A | *             | 1        | KIT; ENTHALPY CONTROL (BAYENTH001AB)                                                                                                       |
| BAYGARD137A | *             | 1        | ACCY; PRECEDENT HAIL GUARD                                                                                                                 |
| BAYHAKT011B | *             | 1        | KIT; ACCESSORY, HIGH ALTITUDE G 2-STAGE                                                                                                    |
| BAYLSW001A  | *             | 1        | POWER EXHAUST LIMIT SWITCH                                                                                                                 |
| BAYLPKT029D | *             | 1        | KIT; ACCESSORY, LP CONVERSION 2-STAGE                                                                                                      |
| BAYPWRX070A | *             | 1        | POWER EXHAUST, 230V, FOR 3-5 TON T/W/YSC, D/TW/YHC, T/YZC                                                                                  |
| BAYQACB009A | *             | 1        | CURB; ADAPTA CURB (BAYQACB009AA), TRANSITIONS BAYCURB021B, 78.125 X 43.875                                                                 |
| BAYQACB010A | *             | 1        | CURB; ADAPTA CURB (BAYQACB010AA), TRANSITIONS BAYCURB022B, 77.625 X 46.875                                                                 |
| BAYSTAT152A | *             | 1        | THERMOSTAT; PROGRAMABLE TOUCH SCREEN 3H/2C                                                                                                 |
| BAYTUBE104A | *             | 1        | KIT; DISCHARGE AIR SENSING, GAS HEAT, F CAB                                                                                                |
| KIT17430    | *             | 1        | KIT17430; TD5 DISPLAY UPGRADE PRECEDENT LIGHT COMMERCIAL                                                                                   |
| SEN00435    | *             | 1        | SENSOR; ZONE LEVEL 4 (BAYSENS017BB) REMOTE ROOM SENSOR                                                                                     |
| SEN00495    | *             | 1        | SENSOR; ZONE LEVEL 4 (BAYSENS013CA) ROOM SENSOR W/ OVERRIDE AND CANCEL BUTTONS                                                             |
| SEN00496    | *             | 1        | SENSOR; ZONE LEVEL 4 (TRANE). (BAYSENS014CA) ROOM SENSOR W/ TEMP. ADJUSTMENT WITH OVERRIDE AND CANCEL BUTTONS                              |
| SEN01287    | *             | 1        | SENSOR; 6" THERM DUCT/IMM TEMPERATURE (BAYSTAT170A)                                                                                        |
| SEN01448    | *             | 1        | SENSOR; ZONE, REMOTE ROOM SENSOR, 10K (BAYSENS077AA)                                                                                       |
| THT02773    | *             | 1        | THERMOSTAT; WALL MOUNT, NON-PROGRAMMABLE 3H/2C (BAYSTAT155A)                                                                               |
| THT02774    | *             | 1        | THERMOSTAT; WALL MOUNT, PROGRAMMABLE 3H/2C, (BAYSTAT150AA)                                                                                 |
| TMR00140    | *             | 1        | TIMER; ANTISHORT CYCLE (BAYASCT001)                                                                                                        |

## MODEL NUMBER NOTES

75011257

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Precedent Cooling and Gas/Electric

*Example Model Number:*

**YSC063G4RHA0AG0C1C2B203DHC100F1**

1 - - - 5 - - - 10 - - - 15 - - - 20 - - - 25 - - - 30 -

### Model Number Notes

- (1) Manual outside air damper will ship factory supplied within the unit, but must be field installed.
- (2) Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric Relief for horizontal configured units must be ordered as a field installed accessory.
- (3) Not available with Electromechanical controls.
- (4) Epoxy coil and epoxy with hailguard option not available for units with microchannel Coils.
- (5) Through the base electric required when ordering disconnect/circuit breaker options.
- (6) Includes gas piping and shutoff (field assembly required). *Digits 18=B,C applicable to Digit 1,Y models only.*
- (7) Requires use of Disconnect or Circuit Breaker.
- (8) Standard metering devices are TXVs.
- (9) High pressure control is standard on all units
- (10) Froststat™ cannot be field installed in electromechanical units. Froststat™ is standard on Y/TSC033 to 063G electromechanical units.
- (11) Not available with high temperature duct sensor accessory.
- (12) The return air smoke detector may not fit up or work properly on the Precedent units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.
- (13) Return air smoke detector cannot be ordered with Novar controls.
- (14) The Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing Tube are standard when ordering Novar controls.
- (15) The Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing Tube are ordering Novar controls.
- (16) Novar sensor utilized with 21=(4) Novar 3051 controls without zone sensor.
- (17) Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.

3 of 3

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| MODEL NUMBER DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                     |  | 75011256                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REL<br>A |
| Precedent Cooling and Gas/Electric                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
| Example Model Number:<br>YSC063G4RHA0AG0C1C1B203DHC100F1<br>1 - - - 5 - - - 10 - - - 15 - - - 20 - - - 25 - - - 30 -                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
| <b>Digit 18 – Through the Base Provisions</b><br>0 = No Through-the-Base Provisions<br>A = Through-the-Base Electric (5)<br>B = Through-the-Base Gas Piping (6)<br>C = Through-the-Base Electric and Gas Piping (6)                                                                                                                                                                                          |  | <b>Digit 25 – System Monitoring Controls (14)</b><br>0 = No Monitoring System<br>1 = Clogged Filter Switch<br>2 = Fan Failure Switch<br>3 = Discharge Air Sensing Tube<br>4 = Clogged Filter Switch and Fan Failure Switch<br>5 = Clogged Filter Switch and Discharge Air Sensing Tube<br>6 = Fan Failure Switch and Discharge Air Sensing Tube<br>7 = Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing Tube<br>8 = Novar Return Air Sensor (NOVAR 2024) (15)<br>9 = Novar Zone Temp Sensor (NOVAR 3051) (16)<br>A = Condensate Drain Pan Overflow Switch<br>B = Clogged Filter Switch and Condensate Drain Pan Overflow Switch<br>C = Fan Failure Switch and Condensate Drain Pan Overflow Switch<br>D = Discharge Air Sensing and Condensate Drain Pan Overflow Switch<br>E = Clogged Filter Switch, Fan Failure Switch, and Condensate Drain Pan Overflow Switch<br>F = Clogged Filter Switch, Discharge Air Sensing, and Condensate Drain Pan Overflow Switch<br>G = Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch<br>H = Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing, and Condensate Drain Pan Overflow Switch |          |
| <b>Digit 19 – Disconnect/Circuit Breaker</b><br>0 = No Disconnect/No Circuit Breaker<br>1 = Unit Mounted Non-Fused Disconnect (5)<br>2 = Unit Mounted Circuit Breaker (5)                                                                                                                                                                                                                                    |  | <b>Digit 26 – System Monitoring Controls</b><br>0 = No Monitoring Controls<br>A = Demand Control Ventilation (CO <sub>2</sub> ) (17)<br>B = Low Leak Economizer with FDD (Fault Detection & Diagnostics)<br>C = FDD (Fault Detection & Diagnostics) with DCV (Demand Control Ventilation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
| <b>Digit 20 – Convenience Outlet</b><br>0 = Convenience Outlet<br>A = Unpowered Convenience Outlet<br>B = Powered Convenience Outlet (7)                                                                                                                                                                                                                                                                     |  | <b>Digits 27 – Unit Hardware Enhancements</b><br>0 = No Enhancements<br>1 = Stainless Steel Drain Pan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| <b>Digit 21 – Communications Options (3)</b><br>0 = No Communications Interface<br>1 = Trane® Communications Interface<br>2 = LonTalk® Communications Interface<br>3 = Novar 2024 Controls<br>4 = Novar 3051 Controls without Zone Sensor<br>5 = Novar 3051 Controls Interface with DCV<br>6 = BACnet® Communications Interface<br>7 = Wireless Building Automation Control Network Communications Interface |  | <b>Digit 31 – Advanced Unit Controls</b><br>0 = Standard Unit Controls<br>1 = Human Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| <b>Digit 22 – Refrigeration System Option</b><br>0 = Standard Refrigeration System (8)                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
| <b>Digit 23 – Refrigeration Controls</b><br>0 = Without Refrigeration Controls (9)<br>1 = Frostat™ (10)<br>2 = Crankcase Heater<br>3 = Frostat™ (10) and Crankcase Heater                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
| <b>Digit 24 – Smoke Detector (11)</b><br>0 = No Smoke Detector<br>A = Return Air Smoke Detector (12,13)<br>B = Supply Air Smoke Detector<br>C = Supply and Return Air Smoke Detectors (12,13)<br>D = Plenum Smoke Detector                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |

MODEL NUMBER DESCRIPTION

75011255

RE  
A

Precedent Cooling and Gas/Electric

*Example Model Number:*

**YSC063G4RHA0AG0C1C2B203DHC100F1**

1 - - - 5 - - - 10 - - - 15 - - - 20 - - - 25 - - - 30 -

**Digit 1 – Unit Type**

T = DX Cooling

Y = DX Cooling, Gas Heat

**Digit 2 – Efficiency**

S = Standard Efficiency

**Digit 3 – Airflow**

C = Convertible

**Digits 4,5,6 – Nominal Gross Cooling**

**Capacity (MBh)**

033 = 3 Ton (13 SEER)

036 = 3 Ton

043 = 4 Ton (13 SEER)

048 = 4 Ton

060 = 5 Ton

063 = 5 Ton (13 SEER)

**Digit 7 – Major Design Sequence**

G = Microchannel Type Evaporator and  
Condenser Coils

**Digit 8 – Voltage Selection**

3 = 208-230/60/3

4 = 460/60/3

W = 575/60/3

**Digit 9 – Unit Controls**

E = Electromechanical

R = ReliaTel™ Microprocessor

**Digit 10 – Heating Capacity**

0 = No Electric Heat

B = 6 kW (3 phase)

E = 12 kW (3 phase)

G = 18 kW (3 phase)

J = 23 W (3 phase)

L = Low Heat

M = Medium Heat

H = High Heat

X = Low Heat, Stainless Steel Heat  
Exchanger

Y = Medium Heat, Stainless Steel Heat  
Exchanger

Z = High Heat, Stainless Steel Heat  
Exchanger

**Digit 11 – Minor Design Sequence**

A = First Sequence

**Digits 12, 13 – Service Sequence**

\*\* = Factory Assigned

**Digit 14 – Fresh Air Selection**

0 = No Fresh Air

A = Manual Outside Air Damper 0-50% (1)

B = Motorized Outside Air Damper 0-50%

C = Economizer, Dry Bulb 0-100%  
without Barometric Relief (2)

D = Economizer, Dry Bulb 0-100%  
with Barometric Relief (2)

E = Economizer, Reference Enthalpy  
0-100% without Barometric Relief (2,3)

F = Economizer, Reference Enthalpy  
0-100% with Barometric Relief (2,3)

G = Economizer, Comparative Enthalpy  
0-100% without Barometric Relief (2,3)

H = Economizer, Comparative Enthalpy  
0-100% with Barometric Relief (2,3)

K = Low Leak Economizer with Barometric Relief

M = Low Leak Economizer with Reference  
Enthalpy with Barometric Relief

P = Low Leak Economizer with Comparative  
Enthalpy with Barometric Relief

**Digits 15 – Supply Fan/Drive Type/Motor**

0 = Multi Speed Direct Drive Motor

1 = Oversized Motor

**Digit 16 – Hinged Service Access/Filters**

0 = Standard Panels/Standard Filters

A = Hinged Access Panels/Standard Filters

B = Standard Panels/2" MERV 8 Filters

C = Hinged Access Panels/2" MERV 8 Filters

D = Standard Panels/2" MERV 13 Filters

E = Hinged Access Panels/2" MERV 13 Filters

**Digit 17 – Condenser Coil Protection (4)**

0 = Standard Coil

1 = Standard Coil with Hail Guard

4 = CompleteCoat Condenser Coil

5 = CompleteCoat Condenser Coil  
with Hail Guard

1 of 3

Parts List Number :YSCUP9

Model Number :YSC048G3ELB005D