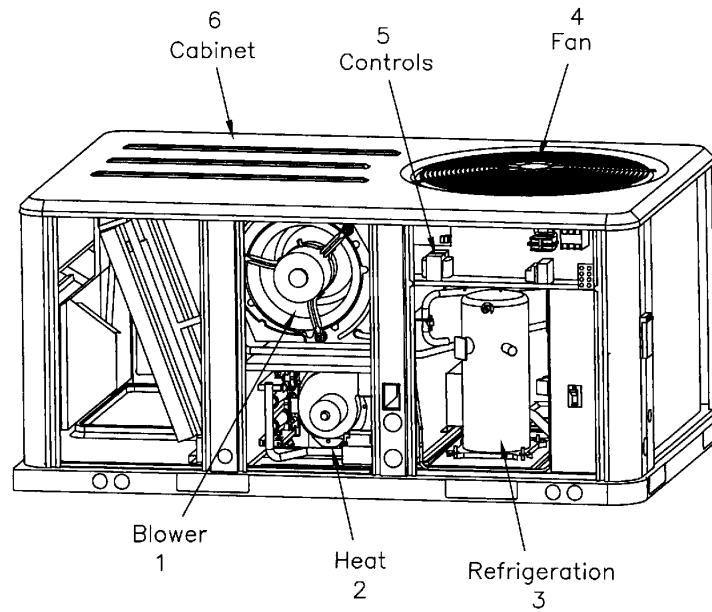


General Assembly

75006131

REV
B

Typical illustration. Unit may not appear exactly as shown.



View is determined by facing Appearance Nameplate

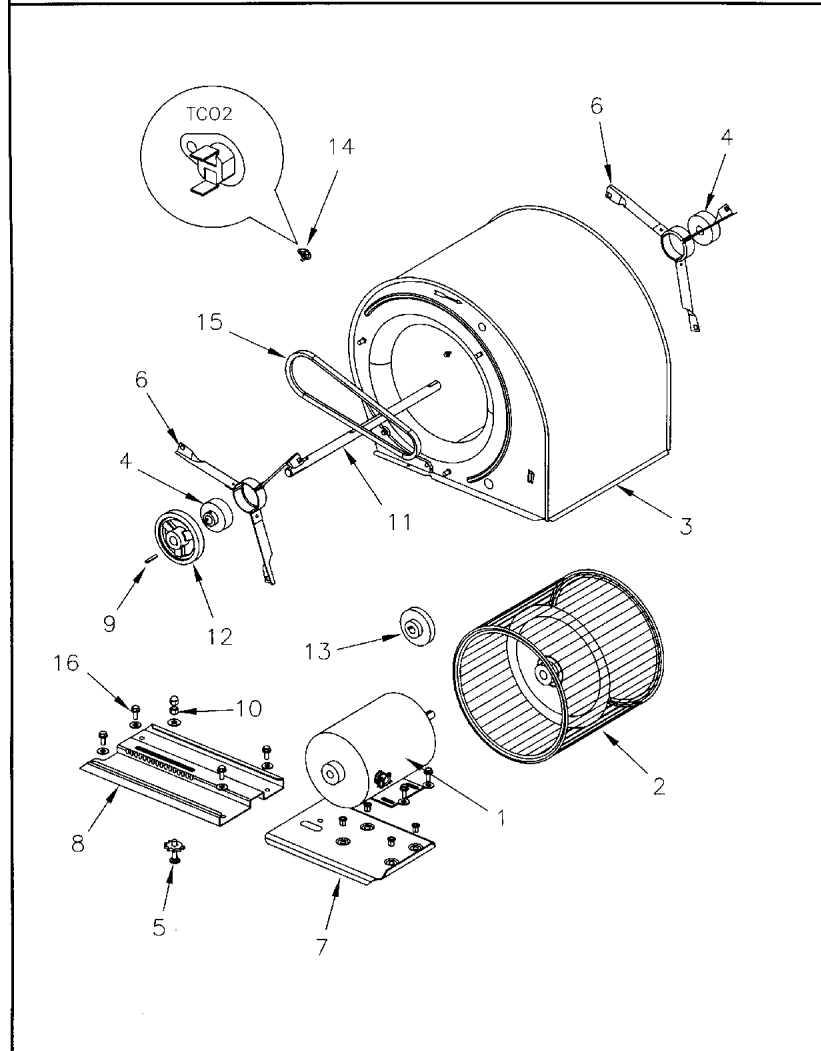
Part No.	Reference No.	Quantity	Description
75007493	1		BLOWER
75009828	3		REFRIGERATION
75006103	4		FAN
75008856	8		MODEL NUMBER DESCRIPTION, DIGITS 1-17
75009330	8		MODEL NUMBER DESCRIPTION, DIGITS 18-31
75009331	8		MODEL NUMBER NOTES
NGRAPHIC	9		OPTIONAL FIELD INSTALLED ACCESSORIES

Blower

75007493

REV
A

Typical illustration. Unit may not appear exactly as shown.



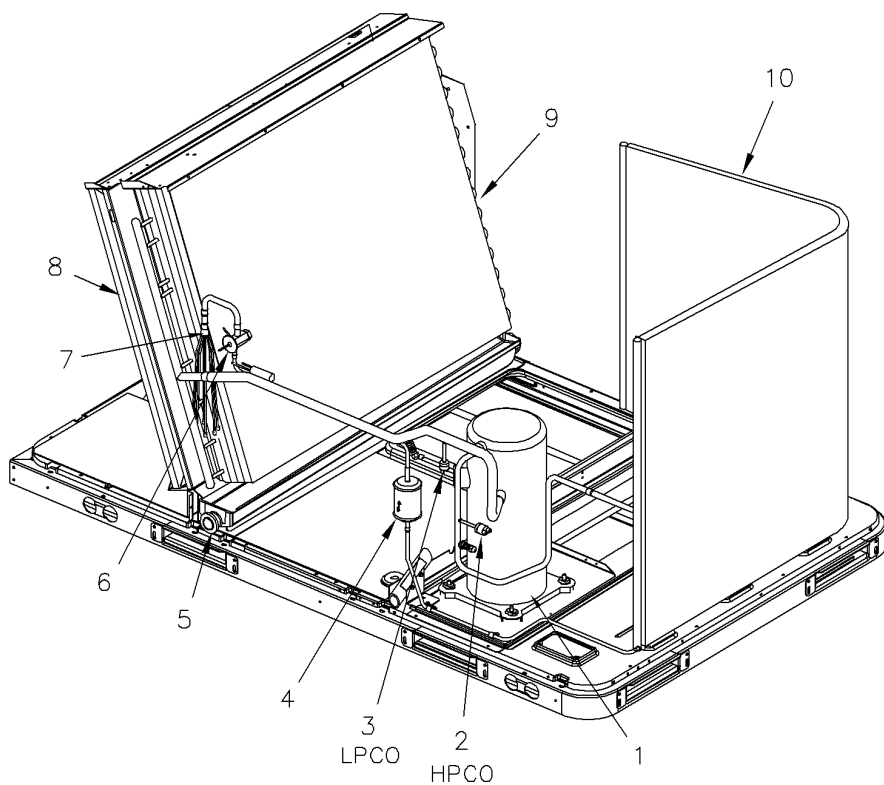
Part No.	Reference No.	Quantity	Description
BLT00265	*	6	BOLT, .31-18 X .62 LG.
BLT00845	*	1	BOLT; CARRIAGE BD, .38-16 X 1.75 CRG, W/O NUT, STEEL-ZINC PLT, THREADED FULL LENGTH, GR5
BRK02975	*	1	BRACKET; ADJUSTMENT, MOTOR (IDLER GEAR)
BUS00363	*	1	BUSHING; STRAIN RELIEF
BUS00485	*	1	BUSHING; .62 MTG W/MAX .44 ID
NUT00355	*	6	NUT; HEX, LOCK, 5/16IN.-18
SCR01623	*	9	SCREW; SHEET METAL, 10-16 UNC X 1/2, HIGH TORQUE, INDENT HEX-WASHER HEAD
WAS00283	*	1	WASHER; PLAIN, .43 ID X 1.00 OD, .083 THK, CARBON-STL PLD
WAS00612	*	6	WASHER; .375 ID X .875 OD, PLAIN - TYPE A
WIR03418	*	1	WIRE; HARNESS, INDOOR MOTOR, BELT DRIVE, 74.5 L, 16A RED, 17A BLU, 3A BLK
WHL02204	2	1	WHEEL; BLOWER, 12.87 DIA X 12.62W, 1.0 BORE, CW
HUS03660	3	1	HOUSING; BLOWER, 12 X 12. BRACKETS NOT INCLUDED.
BRG01579	4	2	BEARING; BALL; 1.0 BORE, BB CRTG, RUBBER MOUNT
KIT09200	5	1	KIT; BELT DRIVE TENSIONING GEAR HARDWARE
BRK03735	6	2	BRACKET; BEARING, 3 ARM MECHANICALLY CLINCHED ASSEMBLY
BRK02978	7	1	BRACKET; MOTOR MOUNTING PLATE, TOP, 11.7 X 7.8. INCLUDES (4) .31-18 HEX RIVNUTS.
BRK02977	8	1	BRACKET; MOTOR MOUNTING PLATE, BOTTOM, 14.5 X 8.0. INCLUDES (4) 0.31-18 X 0.75 HEX MACH SCREWS.
KEY00300	9	1	KEY; 1/4 IN X 1/4 IN X 1-1/2 IN
NUT00588	10	4	NUT; HEX RIVET, .31-18
SHF03137	11	1	SHAFT; INDOOR FAN, 19.062 LENGTH X 1 IN DIA
CNT03511	14	1	CONTROL; LIMIT, 120F, AUTOMATIC RESET, SPST, NC, 15A/120VAC, 10A/240VAC, QC TERMINAL
BLL00439	15	1	V-BELT; AX32 NOTCHED 33.3 PL
SCR01634	16	8	SCREW; .31-18 X .75, HEX MACH

Refrigeration

75009828

REV
A

Typical illustration. Unit may not appear exactly as shown.



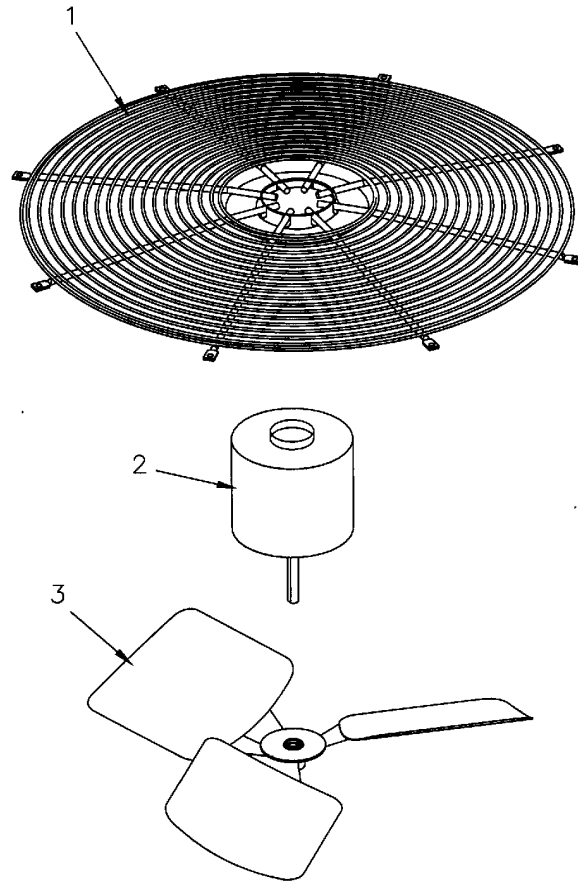
Part No.	Reference No.	Quantity	Description
BOF01689	*	1	BLOCKOFF; INDOOR COIL, FRONT, 32.5 X 5.5
BRK03098	*	1	BRACKET; TOP, INDOOR COIL MOUNT, 6 IN LENGTH
BRK03234	*	1	BRACKET; INDOOR COIL, BOTTOM, 0.65 X 4.39 X 1.50
BRK03275	*	1	BRACKET; COMPRESSOR SUPPORT (3 SIDES)
BRK03938	*	1	BRACKET; FILTER CHANNEL, 50.50 LENGTH
HTR06511	*	1	HEATER; CRANKCASE, 70W, 230V, 6.5 DIA, 65/46 IN LEAD LENGTHS
KIT08039	*	4	KIT; GROMMETS. COMPRESSOR MOUNTING. (CONSISTS OF 4), 0.44 ID X 1.63 OD NEOPRENE RUBBER-BLACK 45-55 DUROMETER
NUT00355	*	4	NUT; HEX, LOCK, 5/16IN.-18
NUT00890	*	4	NUT; PALLET, 5/16-18 UNC 2B THD.
PLT03619	*	1	PLATE; MOUNTING, COMPRESSOR, 34.56 X 14.30
SUP04486	*	1	SUPPORT; INDOOR COIL, 51.6 INCH LENGTH
THT02760	*	1	THERMOSTAT; WITH CLIP, .5/.625 TUBE, 72" BLACK WIRES, SPST, 230F OPEN, 180F CLOSE
WIR03438	*	1	WIRE; HARNESS, COMPRESSOR, 12 AWG, CC1, 46 IN LENGTH (3 WIRE-RD,BL,BK)
WIR04406	*	1	WIRE; HARNESS, LOW PRESSURE SWITCH, 42 IN LENGTH, BLUE WIRES, CIR 1
COM09635	1	1	COMPRESSOR; SCROLL, SSA076A3BPZ, 6.3 TON, 200/230/60/3, R410A
CAP00072	2	1	CAP; VALVE, SEAL, .25 FFL
SET00819	2	1	SEAT; SADDLE MOUNT ASSEMBLY
STM00803	2	1	STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)
SWT03402	2	1	SWITCH; HIGH PRESSURE, BRAZED, OPENS AT 650 PSIG, CLOSSES AT 550 PSIG, 61 INCH WHITE LEADS
TUB13468	2	1	TUBE; DISCHARGE, INCLUDES HPCO
CAP00072	3	1	CAP; VALVE, SEAL, .25 FFL
SET00819	3	1	SEAT; SADDLE MOUNT ASSEMBLY
STM00803	3	1	STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)
SWT03623	3	1	SWITCH; LOW PRESSURE CUTOUT, 250 OPEN, ACTUATION PRESSURE 55 +/- 5, RESET PRESSURE 35 +/- 5
CAP00072	4	1	CAP; VALVE, SEAL, .25 FFL
COR00006	4	1	CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD
DHY01300	4	1	DRIER; FILTER, LIQUID LINE, 3/8 ODM INLET X 3/8 ODF OUTLET
VAL01483	4	1	VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE
PAN02916	5	1	PAN; DRAIN, 52 INCH LENGTH, BLACK POLYCARBONATE, GASKETS INCLUDED
VAL10591	6	1	VALVE; EXPANSION, 7 TON, 3/8 ODF IN X 1/2 ODF OUT, NON-ADJUSTABLE, R410A, 115.5 PSIG
DST00944	7	1	DISTRIBUTOR; ASSEMBLY, INDOOR, 16 OUTLETS, #6 NOZZLE
COL16358	9	1	COIL; INDOOR. INCLUDES THE DISTRIBUTOR, NOT THE TXV

Fan

75006103

REV
A

Typical illustration. Unit may not appear exactly as shown.



Part No.	Reference No.	Quantity	Description
SCR01996	*	4	SCREW; #10-32 THREAD FORMING, IND 5/16 HEX FLG WASHER HEAD, .438/.408 LENGTH, W/GERNIBS TAPTITE II (4 PER BAG)
GRL01353	1	1	GRILLE; OUTDOOR FAN, 30.33 MTG DIA
MOT10508	2	1	MOTOR; .70 HP, 208-230/60/1, 1100 RPM, CCW LEAD END, TYPE PSC, 48 FRAME, BALL BEARING, 20 MFD CPT AT 370V
FAN03159	3	1	FAN; 4 BLADE, 26 IN DIA, 26 DEG PITCH, CCW, 1/2 BORE

Model Number Description	75009330	REV D
Convertible Pkg Gas/Electric digits 18 through 31		
DIGIT 18 – Through the Base Provisions 0 = No Through the Base Provisions A = Through the Base Electric ⑩ B = Through the Base Gas Piping C = Through the Base Electric and Gas Piping ③	DIGIT 25 – Monitoring Controls ④ 0 = No Monitoring Controls 1 = Clogged Filter Switch ⑭ 2 = Fan Failure Switch ⑭ 3 = Discharge Air Sensing Tube ⑭ 4 = Clogged Filter Switch and Fan Fail Switch ⑭ 5 = Clogged Filter Switch and Discharge Air Sensing Switch ⑭ 6 = Fan Fail Switch and Discharge Air Sensing Tube ⑭ 7 = Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube ⑭ 8 = Novar Return Air Sensor (NOVAR 2024) ⑬ ②⑦ 9 = Novar Zone Temp Sensor (NOVAR 3051) ⑬ ②⑦ A = Condensate Drain Pan Overflow Switch B = Clogged Filter Switch ⑭ and Condensate Drain Pan Overflow Switch C = Fan Failure Switch ⑭ and Condensate Drain Pan Overflow Switch D = Discharge Air Sensing ⑭ and Condensate Drain Pan Overflow Switch E = Clogged Filter Switch ⑭, Fan Failure Switch ⑭ and Condensate Drain Pan Overflow Switch F = Clogged Filter Switch ⑭, Discharge Air Sensing Tube ⑭, and Condensate Drain Pan Overflow Switch G = Fan Failure Switch ⑭, Discharge Air Sensing Tube ⑭, and Condensate Drain Pan Overflow Switch H = Clogged Filter Switch ⑭, Fan Failure Switch ⑭, Discharge Air Sensing Tube ⑭, and Condensate Drain Pan Overflow Switch	
DIGIT 19 – Disconnect/Circuit Breaker/Phase Monitor (3 phase only) 0 = No Disconnect/No Circuit Breaker No Phase Monitor 1 = Unit Mounted Non–Fused Disconnect ⑩ 2 = Unit Mounted Circuit Breaker 3 = Phase Monitor ②⑨ 4 = Phase Monitor & Non–Fused Disconnect Switch ②⑩ 5 = Phase Monitor & Circuit Breaker ②⑩ ⑩		
DIGIT 20 – Convenience Outlet 0 = No Convenience Outlet A = Unpowered Convenience Outlet B = Powered Convenience Outlet (three phase only) ⑪		
DIGIT 21 – Communications Options ④ 0 = No Communications Interface 1 = Trane Communications Interface 2 = LonTalk® Communications Interface 3 = Novar 2024 Controls ②⑦ 4 = Novar 3051 Controls w/o Zone Sensor ②⑦ 5 = Novar 3051 Controls Interface with DCV ②⑦ 6 = BACnet® Communications Interface 7 = Air-Fi™ Wireless Communications ②⑨		
DIGIT 22 – Refrigeration System Option 0 = Standard Refrigeration System ⑫	DIGIT 26 – System Monitoring Controls 0 = No Monitoring Controls A = Demand Control Ventilation (CO ₂) ②④ ②⑤ B = Fault Detection Device (FDD) C = DCV + FDD	
DIGIT 23 – Refrigeration Controls 0 = No Refrigeration Control ⑥ 1 = Froststat ⑦②⑨ 2 = Crankcase Heater 3 = Froststat ⑦②⑨ and Crankcase Heater	DIGIT 27 – Unit Hardware Enhancements 0 = No Enhancements 1 = Stainless Steel Drain Pan	
DIGIT 24 – Smoke Detector ⑧ 0 = No Smoke Detector A = Return Air Smoke Detector ⑫ ⑬ B = Supply Air Smoke Detector C = Supply and Return Air Smoke Detectors ⑫ ⑬ D = Plenum Smoke Detector	DIGIT 31 – Advanced Unit Controls 0 = Standard Unit Controls 1 = Human Interface	
See <u>Model Number Notes</u> graphic for explanation of Notes ① to ②⑨		

Model Number Notes	75009331	REV C
Convertible Pkg. Gas/Electric		
① 3 Phase = Ultra High Efficiency Direct Drive Plenum fan (10 Ton). ② Standard metering devices are TXVs. ③ Includes gas piping and shutoff (field assembly required). ④ Not available with electromechanical controls ⑤ Manual outside air damper will ship factory supplied within the unit, but must be field installed. ⑥ High Pressure Control is standard. ⑦ Froststat cannot be field installed in electro-mechanical units. ⑧ Not available with High Temperature duct sensor accessory. ⑨ Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric Relief horizontal configured units must be ordered as field installed accessory ⑩ Through the base electric required when ordering disconnect/circuit breaker options. ⑪ Requires use of Disconnect or Circuit Breaker. 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 These options are standard when ordering Novar Controls. ⑮ This option is used when ordering Novar Controls. ⑯ Novar Sensor utilized with Digit 21=(4) Novar 3051 Controls without Zone Sensor. ⑰ For YSC120E&11=B models only. ⑱ Standard on 10 Ton 7=F models. ⑲ Epoxy coil and epoxy with hailguard options are not available for units with microchannel condenser coil (7=F) ⑳ Phase Monitor standard as of 2009. ㉑ Single Zone VAV is only available on YSC120F with Reliatel Controls. ㉒ Discharge Air Sensing is also standard equipment on units with Single Zone and Supply Air Temperature Control VAV. ㉓ Motorized Outside Air Damper is not available on Multi-Speed or SZVAV products. ㉔ Demand Control Ventilation Option includes wiring only. The CO₂ sensor is a field-installed only option. ㉕ Froststat standard on Multi-Speed and SZVAV. ㉖ Demand Control Ventilation Option not available with electromechanical controls. ㉗ Novar is not available with SZVAV products. ㉘ Multi-Speed indoor fan available only on YSC120F with Reliatel Controls. ㉙ Must be used with BACnet® open protocol.		

Model Number Description

Convertible Pkg. Gas/Electric
digits 1 through 17

75008856

REV
E

DIGIT 1 – Unit Function
Y = DX Cooling

DIGIT 2 – Efficiency
S = Standard Efficiency

DIGIT 3 – Airflow
C = Convertible

DIGIT 4,5,6 – Nominal Gross
Cooling Capacity (MBh)
072 = 6 Ton
090 = 7 1/2 Ton, Single Compressor
092 = 7 1/2 Ton, Dual Compressor
102 = 8 1/2 Ton
120 = 10 Ton

DIGIT 7 – Major Design Sequence
E = R-410A Refrigerant
F = Microchannel Type Condenser Coils ⑱

DIGIT 8 – Unit Voltage
3 = 208-230/60/3
4 = 460/60/3
W = 575/60/3

DIGIT 9 – Unit Controls
E = Electromechanical
R = ReliaTel™ Micro-processor

DIGITS 10 – Heating Capacity
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
B = Second Sequence ⑰

DIGITS 12,13 – Service Sequence
** = First Sequence

DIGITS 14 – Fresh Air Selection
0 = No Fresh Air
A = Manual Outside Air Damper 0-50% ⑤
B = Motorized Outside Air Damper 0-50% ②③
C = Economizer, Dry Bulb 0-100%
without Barometric Relief ⑨
D = Economizer, Dry Bulb 0-100%
with Barometric Relief ⑨
E = Economizer, Reference Enthalpy
0-100% without Barometric Relief ④ ⑨
F = Economizer, Reference Enthalpy
0-100% with Barometric Relief ④ ⑨
G = Economizer, Comparative Enthalpy
0-100% without Barometric Relief ④ ⑨
H = Economizer, Comparative Enthalpy
0-100% with Barometric Relief ④ ⑨
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

DIGIT 15 – Supply Fan/Drive Type/Motor
0 = Standard Drive ①
1 = Oversized Motor
6 = Single Zone VAV ②① ②②
7 = Multi-Speed Indoor Fan ②③
E = VAV Supply Air Temp Control Standard Motor ②②

DIGIT 16 – Hinged Service Access & Filters
0 = Standard Panels/Standard Filters
A = Hinged Access Panels/Standard Filters
B = Standard Panels & 2" MERV 7 Filters
C = Hinged Access Panels & 2" MERV 7 Filters
D = Standard Panels/2" MERV 13 Filters
E = Hinged Access Panels/2" MERV 13 Filters

DIGIT 17 – Condenser Coil Protection
0 = Standard Coil
1 = Standard Coil with Hail Guard
2 = Epoxy Coated Condenser Coil ⑰
3 = Epoxy Coated Condenser Coil
with Hail Guard ⑰
4 = CompleteCoat™ Condenser Coil
5 = CompleteCoat™ Condenser Coil
with Hail Guard

See Model Number Notes graphic for explanation of Notes ① to ②⑨

Parts List Number :YSCUP10

Model Number :YSC090F3ELA000

Part No.	Reference No.	Quantity	Description
BAS01908	*	1	BASE; THERMOSTAT, 18-32V, 50/60 HZ, GAS AND ELECTRIC, 2 STAGE HEAT AND 2 STAGE COOLING (BAYBASE006AA)
BAS01910	*	1	BASE; THERMOSTAT 18-32V, 50/60HZ, GAS AND ELECTRIC, 1 STAGE HEAT AND 1 STAGE COOLING (BAYBASE008AA)
BAYHAKT010D	*	1	HIGH ALTITUDE KIT (BAYHAKT010D)
CRB00172	*	1	CURB; ADAPTA CURB (BAYQACB011AA), TRANSITIONS BAYCURB022B, 83.50 X 49.375
CRB00173	*	1	CURB; ADAPTA CURB (BAYQACB012AA), TRANSITIONS BAYCURB025B, 90.50 X 60.625
CRB00174	*	1	CURB; ADAPTA CURB (BAYQACB013AA), TRANSITIONS BAYCURB026B, 103.375 X 68.125
CRB00176	*	1	CURB; ROOFCURB (BAYCURB043AB)
DMP02176	*	1	DAMPER; 0-50% MANUAL OUTSIDE AIR DAMPER (BAYDMPR056BA)
DMP02844	*	1	DAMPER; ELECTROMECHANICAL, 0-50% MOTORIZED OUTSIDE AIR DAMPER (BAYDMPR055A)
ECN00109	*	1	ECONOMIZER; ELECTROMECHANICAL, 0-100% DRY BULB (BAYECON088A)
GRD00423	*	1	GUARD; THERMOSTAT (BAY28X190)
GRD01611	*	1	GUARD; HAIL GUARD ACCESSORY (BAYGARD040BB)
KIT06658	*	1	KIT; ENTHALPY CONTROL (BAYENTH001AB)
KIT12144	*	1	KIT; OVERSIZED MOTOR, 3 HP, 208-230/460/60/3 (BAYHSMT086A)
KIT13696	*	1	HEATER; ACCESSORY, CRANKCASE, 230V (BAYCCHT010BB)
KIT15163	*	1	KIT; POWER EXHAUST, 208/230V (BAYPWRX026A)
KIT15390	*	1	KIT; FLUE EXTENSION - 5 FT LENGTH, 9 INCH EXTENSION, 6 IN SQUARE. INCLUDES SCREEN, BRACKET AND 8 SCREWS
KIT15622	*	1	KIT; LP CONVERSION (BAYLPKT050B)
KIT16226	*	1	KIT; AUTOMATIC BELT TENSIONER FOR PRECEDENT UNITS. INCLUDES INSTALLATION INSTRUCTIONS (PART-SVN134A-EN) AND ALIGNMENT TOOL.
SEN01378	*	1	SENSOR; TEMPERATURE, REMOTE, WALL MOUNTED (BAYSTAT060AA)
SEN01379	*	1	SENSOR; TEMPERATURE, RETURN AIR - DUCT (BAYSTAT059AA)
THT02424	*	1	THERMOSTAT; 1 HEAT (GAS/ELEC) 1 COOL (TCONT200ANN11AAA) NON-PROGRAMMABLE.
THT02550	*	1	THERMOSTAT; FOCUS PRO 3H/2C (BAYSTAT055AA)
THT02551	*	1	THERMOSTAT; COMMERCIAL PRO, 2H/2C. (BAYSTAT050AA)
THT02552	*	1	THERMOSTAT; COMMERCIAL VISION PRO, 2H/2C. (BAYSTAT052AA)
TMR00140	*	1	TIMER; ANTISHORT CYCLE (BAYASCT001)