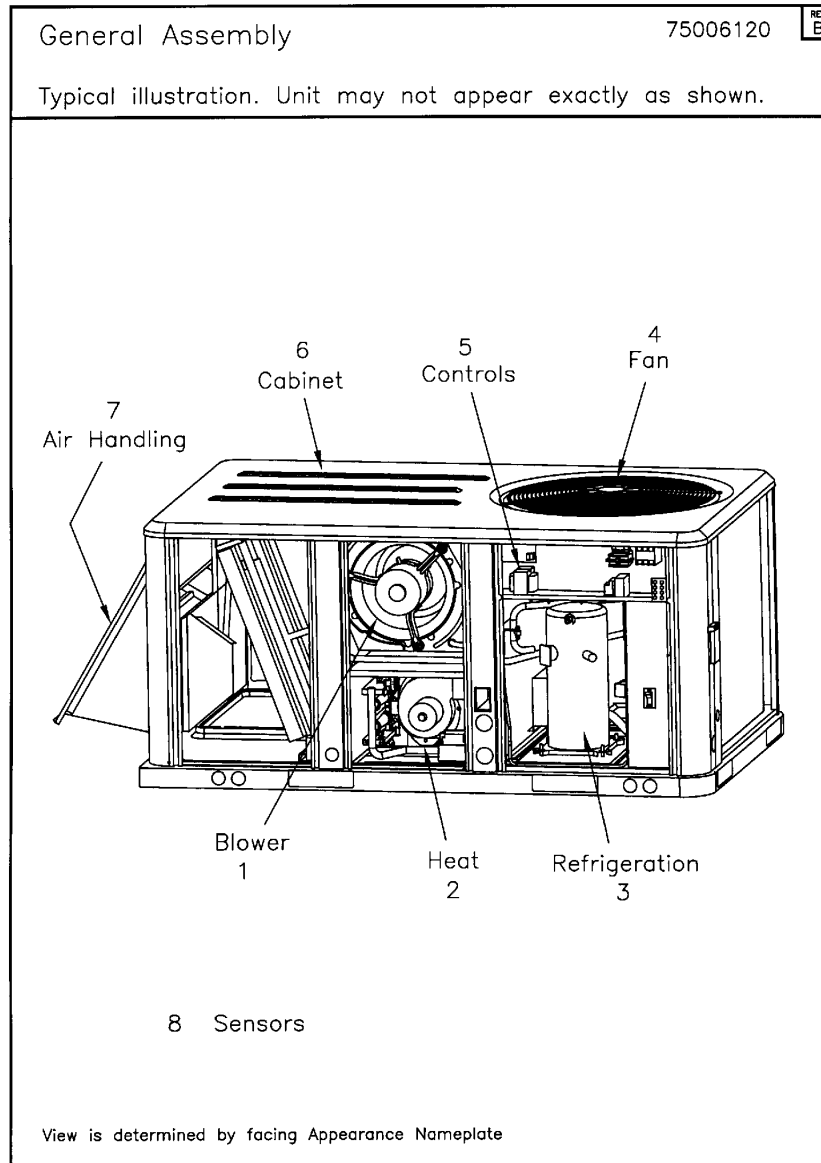




Parts List Number :YHCUP6

Model Number :YHC048F4EMA00E0

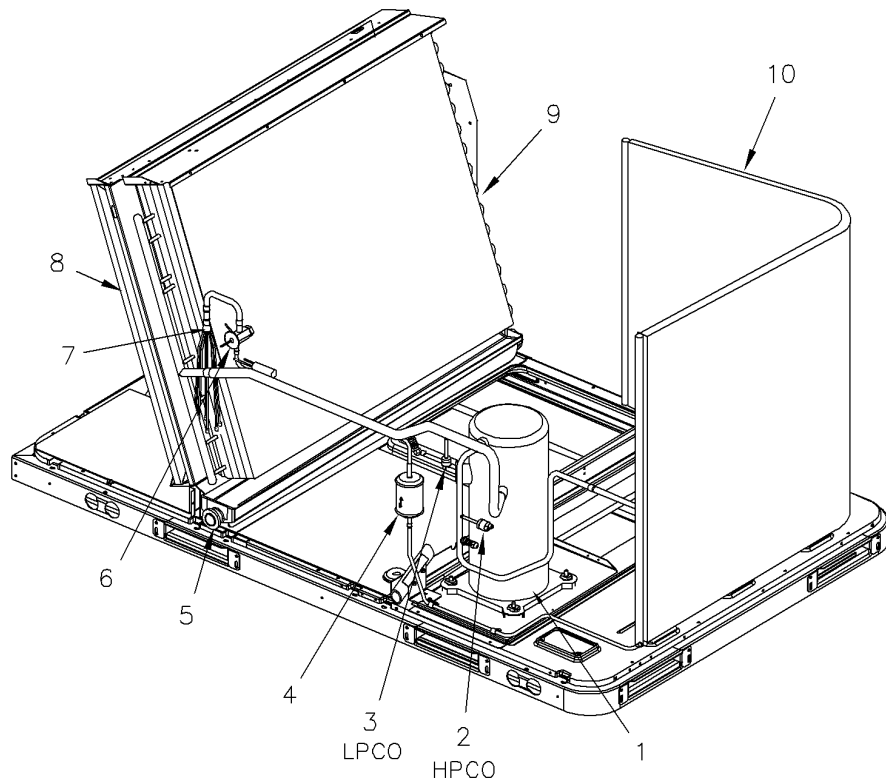
Part No.	Reference No.	Quantity	Description
75009828	3		REFRIGERATION
75006103	4		FAN
75008674	5		CONTROLS
75008684	9		MODEL NUMBER DESCRIPTION, DIGITS 1-17
75008685	9		MODEL NUMBER DESCRIPTION, DIGITS 18-31
75008686	9		MODEL NUMBER NOTES
OPTIONS	10		OPTIONAL FIELD INSTALLED ACCESSORIES

Refrigeration

75009828

REV
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Typical illustration. Unit may not appear exactly as shown.



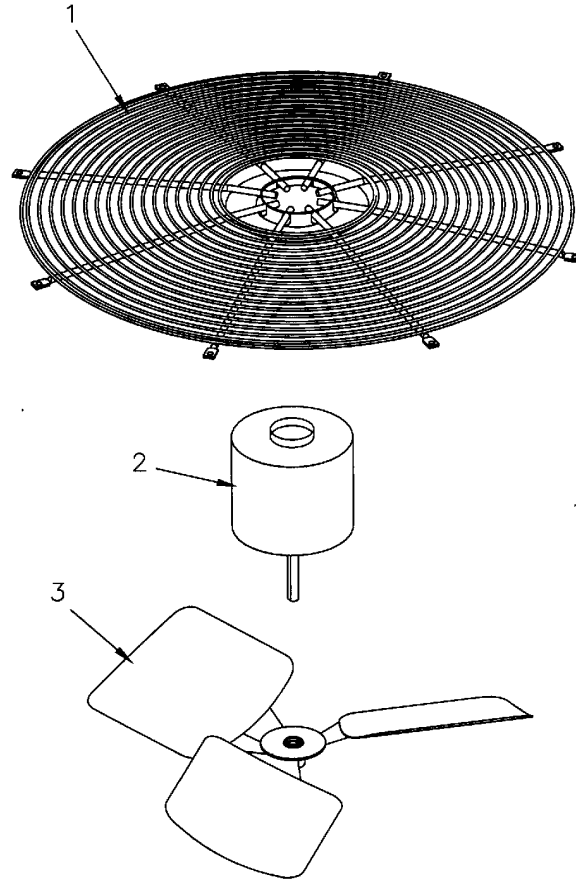
Part No.	Reference No.	Quantity	Description
BRK03274	*	2	BRACKET; BASE SUPPORT MOUNT, 10.3 LENGTH (FORKLIFT BRACKET)
BRK03275	*	1	BRACKET; COMPRESSOR SUPPORT (3 SIDES)
BRK03938	*	1	BRACKET; FILTER CHANNEL, 50.50 LENGTH
HTR03436	*	1	HEATER; CRANKCASE 6.5 DIA, 40W, 575V, 45 INCH LEADS (32W AT 460V)
ISR00007	*	4	ISOLATOR; VIBRATION
KIT08039	*	1	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
PLU00958	*	1	PLUG; SCROLL COMPRESSOR, 230/60/1, RD-10GA, OR-14GA, BK-10GA, 45 IN LENGTH
SET00819	*	2	SEAT; SADDLE MOUNT ASSEMBLY
STM00803	*	2	STEM; SADDLE MOUNT, VALVE CORE, BRASS, .344 DIA X 1.29 SCHRAEDER TYPE FITTING (TO INCLUDE 5 PIECES)
THT02805	*	1	THERMOSTAT; WITH CLIP, .5/.625 TUBE, 38 IN, BLACK WIRES, SPST, 230F OPEN, 180F CLOSE
VAL01483	*	1	VALVE; BODY, .44-20 THD X .25 ODS, STRAIGHT, BRASS, LESS CORE
WIR03437	*	1	WIRE; HARNESS, COMPRESSOR, 14 AWG, CC1, 46 IN LENGTH (3 WIRE-RK,BL,BK)
WIR04406	*	1	WIRE; HARNESS, LOW PRESSURE SWITCH, 42 IN LENGTH, BLUE WIRES, CIR 1
COM09704	1	1	COMPRESSOR; SCROLL; ALLIANCE; R-410A; 3.5 TON (42,000 BTU/H); 460/3/60; 3/4"S X 1/2"D STUB CONNECTIONS; USES OIL00094; ALLIANCE SXA042B4BPZ
SWT03402	2	1	SWITCH; HIGH PRESSURE, BRAZED, OPENS AT 650 PSIG, CLOSES AT 550 PSIG, 61 INCH WHITE LEADS
SWT03623	3	1	SWITCH; LOW PRESSURE CUTOFF, 250 OPEN, ACTUATION PRESSURE 55 +/- 5, RESET PRESSURE 35 +/- 5
DHY01287	4	1	FILTER DRIER; LIQUID LINE, 5/16 ODM INLET X 5/16 ODF OUTLET
PAN02916	5	1	PAN; DRAIN, 52 INCH LENGTH, BLACK POLYCARBONATE, GASKETS INCLUDED
VAL09912	6	1	VALVE; EXPANSION, 4 TON, 3/8 ODF IN X 1/2 ODF OUT, NON-ADJUSTABLE, R410A, 132.1 PSIG
COL18430	9	1	COIL; INDOOR, FLAT FIN

Fan

75006103

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Typical illustration. Unit may not appear exactly as shown.



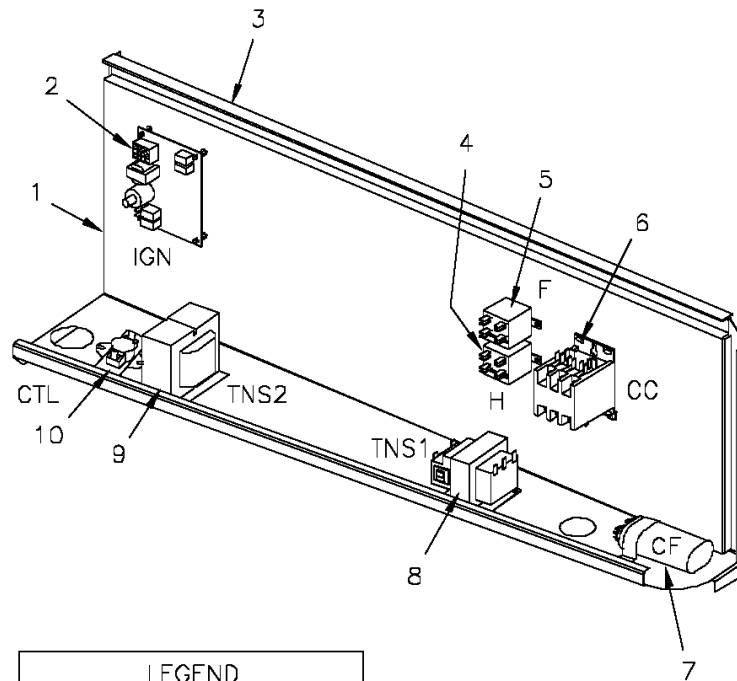
Part No.	Reference No.	Quantity	Description
SCR01996	*	1	SCREW; #10-32 THREAD FORMING, IND 5/16 HEX FLG WASHER HEAD, .438/.408 LENGTH, W/GERNIBS TAPTITE II (4 PER BAG)
GRL01353	1	1	GRILLE; OUTDOOR FAN, 30.33 MTG DIA
MOT10341	2	1	MOTOR, OD FAN, 2/5 HP, 460/60/1, 380-415/50/1, 1115/940 RPM, CCW LEAD END, 48 FRAME, SLEEVE BEARINGS, 7.5 MFD CPT AT 370VOD 0.40 HP 460/60
FAN03769	3	1	FAN; 3 BLADE, 26 IN DIA, 22 DEG PITCH, CCW, 1/2 BORE

Controls

75008674

REV
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Typical illustration. Unit may not appear exactly as shown.



LEGEND

CC	Compressor Motor Contactor
CF	Fan Motor Capacitor
CTL	Control Limit
F	Fan Relay
H	Heat Relay
TNS	Transformer

Part No.	Reference No.	Quantity	Description
KIT09473	*	1	KIT; PHASE MONITOR, INCLUDES PHASE MONITOR, WIRE HARNESS AND SCREWS
WIR03230	*	1	WIRE; HARNESS, CRANKCASE HEATER, W/CTL
WIR04693	*	1	WIRE; HARNESS, POWER, COOL ONLY, 230V-3PH, X13 IDM. BK, BL, GR/YL, RD, VI - WIRES.
WIR04698	*	1	WIRE; HARNESS, CONTROLS. GAS HEAT, HI EFF, ELECTROMECHANICAL, X13 IDM. BK, BL, BR, GR/YL, RD, VI, YL- WIRES.
PNL26790	1	1	PANEL; WRAPPER, CONTROL BOX
CNT04716	2	1	CONTROL; MODULE, STANDALONE GAS, SINGLE STAGE
RLY03065	4	1	RELAY; DPDT, 5 AMPS AT 120/277 VAC, 24 VAC COIL, 750 RMS, COIL CLASS F
RLY03065	5	1	RELAY; DPDT, 5 AMPS AT 120/277 VAC, 24 VAC COIL, 750 RMS, COIL CLASS F
CTR01826	6	1	CONTACTOR; 3 POLE, 30 FLA, 24 VAC COIL, WITH LUGS
CPT00120	7	1	CAPACITOR; RUN, 7.5 MFD, 370V, OVAL, W/O RESISTOR
TRR00826	8	1	TRANSFORMER; 75 VA, 460-575V PRI, 24V SEC
TRR01998	9	1	TRANSFORMER; AUTO, 480/600V PRI, 240V SEC, 150VA
CNT01405	10	1	CONTROL; TEMP, OPEN 65F, CLOSE 55F, SPST

Model Number Notes	75008686	REV D
Packaged Gas/Electric YHC036E,YHC048E/F,YHC060E/F		
① Microchannel Condensor Coils are standard on THC048F & THC060F models. ② Manual outside air damper will ship factory supplied within the unit, but must be field installed. ③ 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 field installed accessory. ④ Not available with electromechanical controls ⑤ Multispeed direct drive is standard on single phase. Belt drive is standard on dehumidification units. ⑥ Belt Drive is optional on 3 phase units. ⑦ Epoxy coil and epoxy with hailguard options are not available for units with microchannel condenser coil. ⑧ Through the base electric required when ordering disconnect/circuit breaker options. ⑨ Includes gas piping and shutoff (field assembly required). ⑩ Requires use of Disconnect or Circuit Breaker. Powered Convenience Outlet not available on High Efficiency 575V. ⑪ Standard metering devices are TXVs. ⑫ Dehumidification option not available for standard efficiency models. ⑬ Requires selection of 2" Pleated Filters (option B or C) for Digit 16 ⑭ Crankcase Heater & High Pressure Control are standard on all units. ⑮ Froststat cannot be field installed in electromechanical units. ⑯ Not available with high temperature duct sensor accessory. ⑰ Return Air Smoke Detector cannot be ordered with Novar Controls. ⑱ 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. ⑲ These options are standard when ordering Novar Controls. ⑳ This option is used when ordering Novar Controls. ㉑ Novar Sensor utilized with Digit 21=(4) Novar 3051 Controls without Zone Sensor. ㉒ Demand Control Ventilation Option includes wiring only. The CO sensor is a field-installed only option. ㉓ Demand Control Ventilation Option not available with electromechanical controls.		

Model Number Description		75008685	REV D
Packaged Gas/Electric YHC036E,YHC048E/F,YHC060E/F Digits 18 through 27			
DIGIT 18 – Through the Base Provisions 0 = No Through the Base Provisions A = Through the Base Electric (8) B = Through the Base Gas Piping A = Through the Base Electric and Disconnect (9) DIGIT 19 – Disconnect/Circuit Breaker 0 = No Disconnect/No Circuit Breaker 1 = Unit Mounted Non–Fused Disconnect (8) 2 = Unit Mounted Circuit Breaker (8) DIGIT 20 = Convenience Outlet 0 = No Convenience Outlet A = Unpowered Convenience Outlet B = Powered Convenience Outlet (10) DIGIT 21 – Communications Options (4) 0 = No Communications Interface 1 = Trane Communications Interface 2 = LonTalk® Communications Interface 3 = Novar 2024 Controls 4 = Novar 3051 Controls without Zone Sensor 5 = Novar 3051 Controls Interface with DCV 6 = BACnet® Communications Interface 7 = Air–Fi™ Wireless Communications DIGIT 22 – Refrigeration System Option 0 = Standard Refrigeration System (11) B = Dehumidification Option (12) (13) DIGIT 23 – Refrigeration Controls 0 = No Refrigeration Control (14) 1 = Froststat (15) DIGIT 24 – Smoke Detector (16) 0 = No Smoke Detector A = Return Air Smoke Detector (17) (18) B = Supply Air Smoke Detector C = Supply and Return Air Smoke Detectors (17) (18) D = Plenum Smoke Detector DIGIT 25 – Monitoring Controls 0 = No Monitoring Controls (19) 1 = Clogged Filter Switch (19) 2 = Fan Failure Switch (19) 3 = Discharge Air Sensing Tube (19) 4 = Clogged Filter Switch and Fan Failure Switch (19) 5 = Clogged Filter Switch and Discharge Air Sensing Tube (19) 6 = Fan Failure Switch and Discharge Air Sensing Tube (19) 7 = Clogged Filter, Fan Fail Switch and Discharge Air Sensing Tube (19) 8 = Novar 2024 Return Air Sensor (20) 9 = Novar 3051 Zone Sensor (21) A = Condensate Drain Pan Overflow Switch B = Clogged Filter Switch (19) and Condensate Drain Pan Overflow Switch C = Fan Failure Switch (19) and Condensate Drain Pan Overflow Switch D = Discharge Air Sensing (19) and Condensate Drain Pan Overflow Switch E = Clogged Filter Switch (19), Fan Failure Switch (19) and Condensate Drain Pan Overflow Switch F = Clogged Filter Switch (19), Discharge Air Sensing Tube (19), and Condensate Drain Pan Overflow Switch G = Fan Failure Switch (19), Discharge Air Sensing Tube (19), and Condensate Drain Pan Overflow Switch H = Clogged Filter Switch (19), Fan Failure Switch (19), Discharge Air Sensing Tube (19) and Condensate Drain Pan Overflow Switch DIGIT 26 – System Monitoring Controls 0 = No Monitoring Controls 1 = Demand Control Ventilation (CO₂) (22) (23) DIGIT 27 – Unit Hardware Enhancements 0 = No Enhancements 1 = Stainless Steel Drain Pan			
See <u>Model Number Notes</u> graphic for explanation of Notes (1) to (23)			

Model Number Description		75008684	REV D
Packaged Gas/Electric YHC036E,YHC048E/F,YHC060E/F Digits 1 through 17			
DIGIT 1 – Unit Function	DIGITS 14 – Fresh Air Selection		
Y = DX Cooling, Gas Heat	0 = No Fresh Air		
DIGIT 2 – Efficiency	A = Manual Outside Air Damper 0–50% ②		
H = High Efficiency	B = Motorized Outside Air Damper 0–50%		
DIGIT 3 – Airflow	C = Economizer, Dry Bulb 0–100% without Barometric Relief ③		
C = Convertible	D = Economizer, Dry Bulb 0–100% with Barometric Relief ③		
DIGIT 4,5,6 – Nominal Gross Cooling Capacity (MBh)	E = Economizer, Reference Enthalpy 0–100% without Barometric Relief ③ ④		
036 = 3 Ton	F = Economizer, Reference Enthalpy 0–100% with Barometric Relief ③ ④		
048 = 4 Ton	G = Economizer, Comparative Enthalpy 0–100% without Barometric Relief ③ ④		
060 = 6 Ton	H = Economizer, Comparative Enthalpy 0–100% with Barometric Relief ③ ④		
DIGIT 7 – Major Design Sequence	K = Low Leak Economizer with Barometric Relief		
E = R-410A Refrigerant	M = Low Leak Economizer with Reference Enthalpy with Barometric Relief		
F = Microchannel Type Condenser Coils ①	P = Low Leak Economizer with Comparative Enthalpy with Barometric Relief		
DIGIT 8 – Voltage Selection	DIGIT 15 – Supply Fan/Drive Type/Motor		
1 = 208–230/60/1	0 = Standard Drive ⑤		
3 = 208–230/60/3	2 = Optional Belt Drive Motor ⑥		
4 = 460/60/3	DIGIT 16 – Hinged Service Access/Filters		
W = 575/60/3	0 = Standard Panels/Standard Filters		
DIGIT 9 – Unit Controls	A = Hinged Access Panels/Standard Filters		
E = Electromechanical	B = Standard Panels/2" MERV 8 Filters		
R = ReliaTel™ Micro-processor	C = Hinged Access Panels/2" MERV 8 Filters		
DIGITS 10 – Heating Capacity	D = Standard Panels/2" MERV 13 Filters		
L = Low Heat	E = Hinged Access Panels/2" MERV 13 Filters		
M = Medium Heat	DIGIT 17 – Condenser Coil Protection		
H = High Heat	0 = Standard Coil		7
X = Low Heat, Stainless Steel Heat Exchanger	1 = Standard Coil with Hail Guard		
Y = Medium Heat, Stainless Steel Heat Exchanger	2 = Black Epoxy Pre-Coated Condenser Coil ○		
Z = High Heat, Stainless Steel Heat Exchanger	3 = Black Epoxy Pre-Coated Condenser Coil with Hail Guard ⑦		
DIGIT 11 – Minor Design Sequence	4 = CompleteCoat™ Condenser Coil		
A = First Sequence	5 = CompleteCoat™ Condenser Coil with Hail Guard		
DIGITS 12,13 – Service Sequence			
** = Factory Assigned			

See Model Number Notes graphic for explanation of Notes① to ②③

Parts List Number :YHCUP6

Model Number :YHC048F4EMA00E0

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)
BAYPWRX071A	*	1	POWER EXHAUST, 460V, FOR 3-5 TON T/W/YSC, D/TW/YHC, T/YZC
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
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)
GRD01611	*	1	GUARD; HAIL GUARD ACCESSORY (BAYGARD040BB)
KIT06658	*	1	KIT; ENTHALPY CONTROL (BAYENTH001AB)
KIT13706	*	1	KIT; HIGH ALTITUDE (BAYHAKT010BB)
KIT15033	*	1	KIT; LP CONVERSION (BAYLPKT050AA)
KIT15390	*	1	KIT; FLUE EXTENSION - 5 FT LENGTH, 9 INCH EXTENSION, 6 IN SQUARE. INCLUDES SCREEN, BRACKET AND 8 SCREWS
SEN01127	*	1	SENSOR; REMOTE WALL (BAYSENS033AA)
SEN01128	*	1	SENSOR; TEMPERATURE (BAYSENS034AA), RETURN AIR REMOTE TEMPERATURE SENSOR
SEN01195	*	1	SENSOR; HUMIDITY ZONE, WALL MOUNTED, TRANE (BAYSENS036A)
SEN01196	*	1	SENSOR; HUMIDITY ZONE, DUCT MOUNTED, TRANE (BAYSENS037A)
THT02120	*	1	THERMOSTAT; 1 HEAT(GAS)/1 COOL, NON PROGRAMMABLE (TAYSTAT370), CONTAINS NO MERCURY
THT02122	*	1	THERMOSTAT; 2 HEAT (ELECTRIC/GAS) 1 COOL ELECTRONIC NON PROGRAMMABLE (TAYSTAT380), CONTAINS NO MERCURY
THT02424	*	1	THERMOSTAT; 1 HEAT (GAS/ELEC) 1 COOL (TCONT200ANN11AAA) NON-PROGRAMMABLE.
TMR00140	*	1	TIMER; ANTISHORT CYCLE (BAYASCT001)