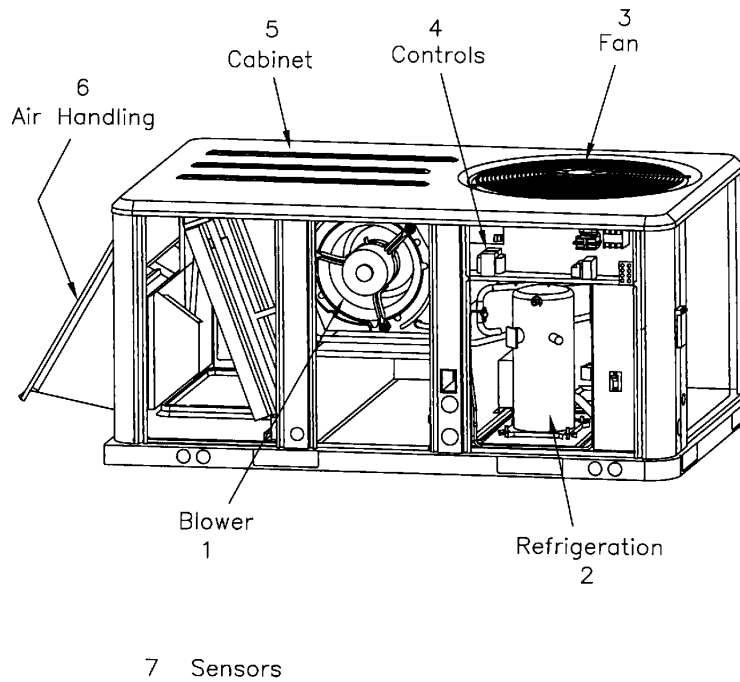


General Assembly

75006132

REV
B

Typical illustration. Unit may not appear exactly as shown.



View is determined by facing Appearance Nameplate

Parts List Number :THCUP6

Model Number :THC048F3E0A00E0

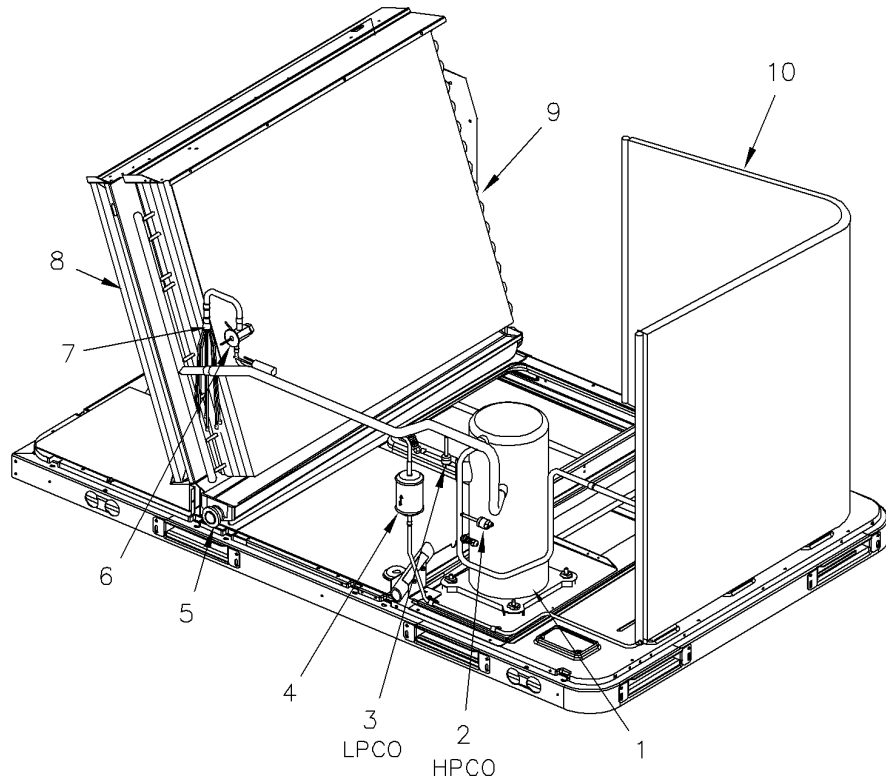
Part No.	Reference No.	Quantity	Description
75009828	2		REFRIGERATION
75006103	3		FAN
75008646	8		MODEL NUMBER DESCRIPTION, DIGITS 1-17
75008647	8		MODEL NUMBER DESCRIPTION, DIGITS 18-31
75008648	8		MODEL NUMBER NOTES
OPTIONS	9		OPTIONAL FIELD INSTALLED ACCESSORIES

Refrigeration

75009828

REV
A

Typical illustration. Unit may not appear exactly as shown.



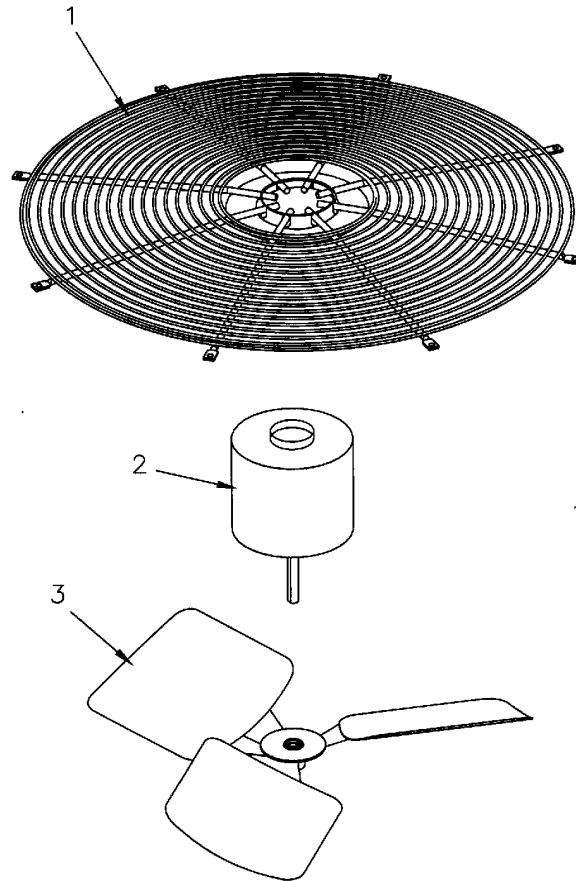
Part No.	Reference No.	Quantity	Description
BRK03274	*	2	BRACKET; BASE SUPPORT MOUNT, 10.3 LENGTH (FORKLIFT BRACKET)
BRK03275	*	1	BRACKET; COMPRESSOR SUPPORT (3 SIDES)
BRK03938	*	1	BRACKET; FILTER CHANNEL, 50.50 LENGTH
CAP00072	*	2	CAP; VALVE, SEAL, .25 FFL
COR00006	*	1	CORE; VALVE PORT, .79 LENGTH, .206-36 UNS 2A THD
HTR03435	*	1	HEATER; CRANKCASE, 6.5 DIA, 40W, 230V
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)
THT02760	*	1	THERMOSTAT; WITH CLIP, .5/.625 TUBE, 72" 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
COM10275	1	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
SWT03402	2	1	SWITCH; HIGH PRESSURE, BRAZED, OPENS AT 650 PSIG, CLOSSES AT 550 PSIG, 61 INCH WHITE LEADS
SWT03623	3	1	SWITCH; LOW PRESSURE CUTOUT, 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

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
MOT10340	2	1	MOTOR; OD FAN, 2/5 HP, 208-230/60/1, 200/50/1, 1115/950 RPM, CCW LEAD END, 48 FRAME, SLEEVE BEARINGS, 7.5 MFD CPT AT 370V
FAN03769	3	1	FAN; 3 BLADE, 26 IN DIA, 22 DEG PITCH, CCW, 1/2 BORE

Model Number	Description	75008647	REV D
Packaged Cooling THC036E,THC048E/F,THC060E/F Digits 18 through 31			
DIGIT 18 – Through the Base Provisions		DIGIT 25 – Monitoring Controls	
0 = No Through the Base Provisions		0 = No Monitoring Controls ⑱	
A = Through the Base Electric ⑧		1 = Clogged Filter Switch ⑱	
DIGIT 19 – Disconnect/Circuit Breaker		2 = Fan Failure Switch ⑱	
0 = No Disconnect/No Circuit Breaker		3 = Discharge Air Sensing Tube ⑱	
1 = Unit Mounted Non–Fused Disconnect ⑧		4 = Clogged Filter Switch and Fan Failure Switch ⑱	
2 = Unit Mounted Circuit Breaker ⑧		5 = Clogged Filter Switch and Discharge Air Sensing Tube ⑱	
DIGIT 20 = Convenience Outlet		6 = Fan Failure Switch and Discharge Air Sensing Tube ⑱	
0 = No Convenience Outlet		7 = Clogged Filter, Fan Fail Switch and Discharge Air Sensing Tube ⑱	
A = Unpowered Convenience Outlet		8 = Novar 2024 Return Air Sensor ⑲	
B = Powered Convenience Outlet ⑨		9 = Novar 3051 Zone Sensor ⑳	
DIGIT 21 – Communications Options ④		A = Condensate Drain Pan Overflow Switch	
0 = No Communications Interface		B = Clogged Filter Switch ⑱ and Condensate Drain Pan Overflow Switch	
1 = Trane Communications Interface		C = Fan Failure Switch ⑱ and Condensate Drain Pan Overflow Switch	
2 = LonTalk® Communications Interface		D = Discharge Air Sensing ⑱ and Condensate Drain Pan Overflow Switch	
3 = Novar 2024 Controls		E = Clogged Filter Switch ⑱, Fan Failure Switch ⑱ and Condensate Drain Pan Overflow Switch	
4 = Novar 3051 Controls without Zone Sensor		F = Clogged Filter Switch ⑱, Discharge Air Sensing Tube ⑱, and Condensate Drain Pan Overflow Switch	
5 = Novar 3051 Controls Interface with DCV		G = Fan Failure Switch ⑱, Discharge Air Sensing Tube ⑱, and Condensate Drain Pan Overflow Switch	
6 = BACnet™ Communications Interface		H = Clogged Filter Switch ⑱, Fan Failure Switch ⑱, Discharge Air Sensing Tube ⑱, and Condensate Drain Pan Overflow Switch	
7 = Wireless Building Automation Control Network Communications Interface		DIGIT 26 – System Monitoring Controls	
DIGIT 22 – Refrigeration System Option		0 = No Monitoring Controls	
0 = Standard Refrigeration System ⑩		1 = Demand Control Ventilation (CO ₂) ⑳ ㉑	
1 = Dehumidification Option ⑪ ⑫		DIGIT 27 – Unit Hardware Enhancements	
DIGIT 23 – Refrigeration Controls		0 = No Enhancements	
0 = No Refrigeration Control ⑬		1 = Stainless Steel Drain Pan	
1 = Froststat ⑭		DIGIT 31 – Advanced Unit Controls	
DIGIT 24 – Smoke Detector ⑮		0 = Standard Unit Controls	
0 = No Smoke Detector		1 = Human Interface	
A = Return Air Smoke Detector ⑯ ⑰			
B = Supply Air Smoke Detector			
C = Supply and Return Air Smoke Detectors ⑯ ⑰			
D = Plenum Smoke Detector			
See Model Number Notes graphic for explanation of Notes ① to ㉒			

Model Number Notes

75008648

REV
B

Packaged Cooling THC036E,THC048E/F,THC060E/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 Requires use of Disconnect or Circuit Breaker.
- ⑩ Standard metering devices are TXVs.
- ⑪ Dehumidification option not available for standard efficiency models.
- ⑫ Requires selection of 2" Pleated Filters (option B or C) for Digit 16
- ⑬ Crankcase Heater & High Pressure Control are standard on all units.
- ⑭ Froststat cannot be field installed in electromechanical units.
- ⑮ Not available with high temperature duct sensor accessory.
- ⑯ Return Air Smoke Detector cannot be ordered with Novar Controls.
- ⑰ 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.
- ⑱ These options are standard when ordering Novar Controls.
- ⑲ This option is used when ordering Novar Controls.
- ⑳ Novar Sensor utilized with Digit 21=(4) Novar 3051 Controls without Zone Sensor.
- ㉑ Demand Control Ventilation Option includes wiring only. The CO₂ sensor is a field-installed only option.
- ㉒ Demand Control Ventilation Option not available with electromechanical controls.

Model Number Description 75008646

REV
CPackaged Cooling THC036E,THC048E/F,THC060E/F
Digits 1 through 17

DIGIT 1 - Unit Function

T = DX Cooling

DIGIT 2 - Efficiency

H = High Efficiency

DIGIT 3 - Airflow

C = Convertible

DIGIT 4,5,6 - Nominal Gross
Cooling Capacity (MBh)

036 = 3 Ton

048 = 4 Ton

060 = 6 Ton

DIGIT 7 - Major Design Sequence

E = R-410A Refrigerant

F = Microchannel Type Condenser
Coils ①

DIGIT 8 - Voltage Selection

1 = 208-230/60/1

3 = 208-230/60/3

4 = 460/60/3

DIGIT 9 - Unit Controls

E = Electromechanical

R = ReliaTel™ Micro-processor

DIGITS 10 - Heating Capacity

0 = No Electric Heater

A = 5 kw (1 phase)

B = 6 kw (3 phase)

D = 10 kw (1 phase)

E = 12 kw (3 phase)

F = 14 kw (1 phase)

G = 18 kw (1 & 3 phase)

J = 23 kw (3 phase)

DIGIT 11 - Minor Design Sequence

A = First Sequence

DIGITS 12,13 - Service Sequence

** = Factory Assigned

DIGITS 14 - Fresh Air Selection

0 = No Fresh Air

A = Manual Outside Air Damper 0-50% ②

B = Motorized Outside Air Damper 0-50%

C = Economizer, Dry Bulb 0-100%

without Barometric Relief ③

D = Economizer, Dry Bulb 0-100%

with Barometric Relief ③

E = Economizer, Reference Enthalpy
0-100% without Barometric Relief ③ ④F = Economizer, Reference Enthalpy
0-100% with Barometric Relief ③ ④G = Economizer, Comparative Enthalpy
0-100% without Barometric Relief ③ ④H = Economizer, Comparative Enthalpy
0-100% with Barometric Relief ③ ④

K = Low Leak Economizer with Barometric Relief

M = Low Leak Economizer with Reference
Enthalpy with Barometric ReliefP = Low Leak Economizer with Comparative
Enthalpy with Barometric Relief

DIGIT 15 - Supply Fan/Drive Type/Motor

0 = Standard Drive ⑤

2 = Optional Belt Drive Motor ⑥

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

0 = Standard Coil

1 = Standard Coil with Hail Guard

2 = Black Epoxy Pre-Coated Condenser
Coil ⑦3 = Black Epoxy Pre-Coated Condenser
Coil with Hail Guard ⑦

4 = CompleteCoat™ Condenser Coil

5 = CompleteCoat™ Condenser Coil
with Hail GuardSee Model Number Notes graphic for explanation of Notes ① to ②②

Parts List Number :THCUP6

Model Number :THC048F3E0A00E0

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)
BAYPWRX070A	*	1	POWER EXHAUST, 230V, 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
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)
GRD01611	*	1	GUARD; HAIL GUARD ACCESSORY (BAYGARD040BB)
HTR06219	*	1	HEATER; ACCESSORY, 200/208/240/60/3, 14.2/4.5/6.0 KW (BAYHTRX306AA)
HTR06220	*	1	HEATER; ACCESSORY, 200/208/240/60/3, 8.3/9.0/12.0 KW (BAYHTRX312AA)
HTR06221	*	1	HEATER; ACCESSORY, 200/208/240/60/3, 12.1/13.1/17.4 KW (BAYHTRX318AA)
KIT06658	*	1	KIT; ENTHALPY CONTROL (BAYENTH001AB)
THT02424	*	1	THERMOSTAT; 1 HEAT (GAS/ELEC) 1 COOL (TCONT200ANN11AAA) NON-PROGRAMMABLE.
TMR00140	*	1	TIMER; ANTISHORT CYCLE (BAYASCT001)