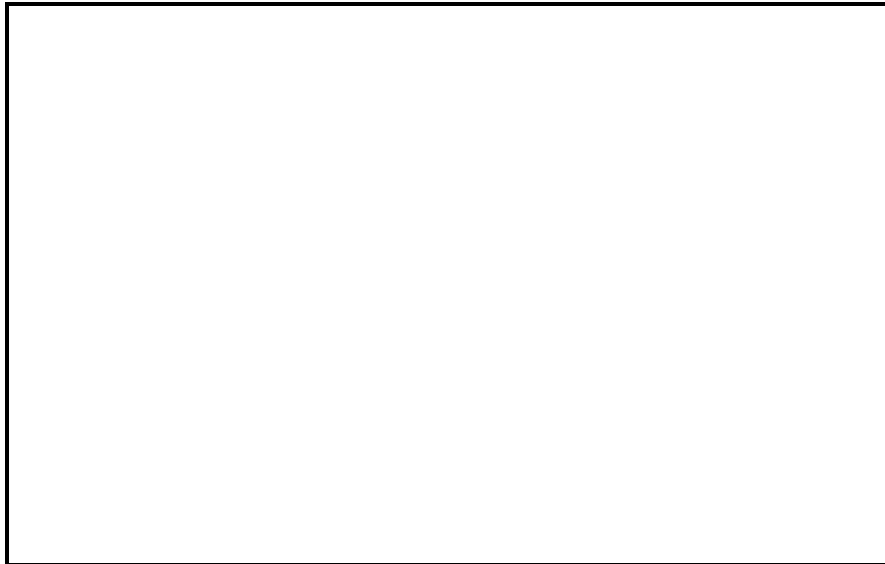


50HC WeatherMaster® Series
Single Package Rooftop
Cooling Only, with Optional Electric Heat
Sizes 04 – 06 with Puron® (R-410A) Refrigerant



Submittal Data

- **PERFORMANCE DATA**
- **CERTIFIED DIMENSION PRINTS**
- **CERTIFIED ROOF CURB
DIMENSION PRINTS**



Job Data: _____ Location: _____
 Buyer: _____ Buyer P.O.#: _____ Carrier: _____
 Unit Number: _____ Model Number: _____
 Unit Designation: _____
 Performance Data Certified By: _____



Certified to
ISO 9001



Use of the AHRI Certified
TM Mark indicates a
manufacturer's
participation in the
program For verification
of certification for individual
products, go to
www.ahridirectory.org.

DESCRIPTION

50HC units are high-efficiency, single-packaged electric cooling only units that are pre-wired and pre-charged with environmentally sound Puron® (R-410A) HFC refrigerant. Electric heat is available as a field-installed accessory. The units are factory tested in the cooling mode.

50HC



STANDARD FEATURES

Base Unit

- Puron (R-410A) HFC refrigerant
- SEERs up to 15.6
- EERs up to 13.0
- ASHRAE 90.1 compliant and Energy Star qualified
- Rated in accordance with AHRI Standards 210/240
- Designed in accordance with Underwriters' Laboratories Std 1995 and listed by UL and UL, Canada
- Single-stage cooling capacity control
- Non-corrosive composite sloping design; side or center drain condensate pan. Meets ASHRAE Standard 62
- Cooling operating range up to 125°F (52°C) and down to 35°F (2°C) standard. See factory installed options and field installed accessories for lower operating range capabilities.
- Field convertible from vertical to horizontal airflow for slab mounting — No special kits required
- Two-inch disposable return air filters
- Thru-the-bottom power entry capability
- Single point electric connections
- 24-volt control circuit protected with resettable circuit breaker
- Belt drive evaporator-fan motor and pulley on all three phase voltage models
- Electric Drive x13 (5 speed/torque) motor – Standard on all single phase and three phase voltage models
- Totally enclosed condenser motors with permanently lubricated bearings
- Low-pressure and high-pressure switches

- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Centralized Terminal Board board facilitating simple safety circuit troubleshooting and simplified control box arrangement

Cabinet

- Access panels with easy grip handles and NO-STRIP screw collar
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Tool-less filter access door

Refrigerant System

- TXV refrigerant metering device with removable power element on each circuit
- Liquid line filter drier
- Scroll compressors with internal line-break overload protection
- Copper tube, aluminum fin coils with optional corrosion resistant coils. Corrosion resistant coils are not available for single phase (-3 voltage) models.
- Removable gauge line plugs for reading refrigerant pressure with unit panels in place

Standard Limited Parts Warranty

- 5-year compressor parts
- 5-year electric heater parts
- 1-year parts

PERFORMANCE DATA

Unit Operating Weight _____ lb

Curb Weight _____ lb

Cooling

Gross Total Capacity: _____ Btuh

at Condenser Air Temperature _____ °F

Gross Sensible Capacity: _____ Btuh

Compressor Power Input: _____ kW

Indoor Entering db _____ °F wb _____ °F

Airflow _____ CFM External Static Pressure _____ in.wg

Indoor Fan Motor Size _____ Hp

Exhaust Fan Motor Size _____ Hp

Heating (Electric)

Heating Capacity:

Stage 1 _____ Btuh

Stage 2 _____ Btuh

Heating Capacity Total _____ Btuh

Stage 1 _____ kW

Stage 2 _____ kW

Heating Capacity Total _____ kW

50HC

ELECTRICAL DATA

Power Supply to Unit _____ Volts _____ Phase _____ Hz

Minimum Circuit Amps _____ Maximum Overcurrent Protection _____

SUBMITTAL DATA

Job Name _____

Architect _____

Engineer _____

Contractor _____

Unit Designation _____

OPTIONS AND ACCESSORIES

FACTORY-INSTALLED OPTIONS (FIOPs)

- ☐ Open protocol controller communicates to LON, MODBUS, BACNET and Johnson N2 protocols.
 - ☐ CCN Direct Digital Control (DDC) - PremierLink™
 - ☐ Through the base connectors electric conduit
 - ☐ Humidi-MiZer® adaptive dehumidification system* (not available with ComfortLink controls)
 - ☐ Economizer with dry bulb sensing and barometric relief*
 - ☐ Economizer with enthalpy sensing and barometric relief*
 - ☐ 2 position motorized outdoor air damper
 - ☐ Low Ambient Controller for cooling operation down to 0°F (-18°C)
 - ☐ HACR circuit breaker
 - ☐ Foil faced insulation throughout entire cabinet
 - ☐ ComfortLink controls to provide:
 - Scrolling marquee display
 - Time schedule and service run test
 - Service diagnostics, alarms and alarm history
 - Sensor or thermostat sensing capabilities
 - ☐ Electric heaters and single point electrical point kits
 - ☐ Non-fused disconnect
 - ☐ Powered 115-volt convenience outlet*
 - ☐ Non-powered 115-volt convenience outlet
 - ☐ High static evaporator fan motor
 - ☐ Return Air smoke detector
 - ☐ Supply Air smoke detector
 - ☐ CO₂ sensor
 - ☐ Condenser hail guard - louvered style*
 - ☐ Special coating protection for evaporator and condenser coils*
 - ☐ Hinged panels for easy unit access
- * Not available for single phase (-3 voltage) models.

FIELD INSTALLED ACCESSORIES

- ☐ EconoMiSer IV-electromechanical, gear driven with Belimo actuator (2-10v DC signal) and controller
- ☐ EconoMiSer2-compatible with DDC controls; gear driven with Belimo actuator (4-20mA) signal and no controller
- ☐ ComfortLink economizer control board (when ComfortLink and field installed economizer is required)
- ☐ Electric heater(s)
- ☐ Power exhaust - prop fan design
- ☐ Two-position motorized outside air damper
- ☐ Manual outside air damper 25%
- ☐ Manual outside air damper 50%
- ☐ Roofcurb - 14 inch (356mm) tall
- ☐ Roofcurb - 24 inch (610mm) tall
- ☐ Thru-the-bottom connections-electrical
- ☐ Condenser hail guard - louvered style
- ☐ Phase monitor (loss of phase/phase reversal)
- ☐ Winter start kit, down to 25°F (-4°C)
- ☐ Low ambient head pressure controller, down to 0°F (-18°C)
- ☐ Low ambient head pressure controller, down to -20°F (-29°C)
- ☐ Time Guard II compressor anti-cycle protection
- ☐ Thermostats and Sensors

Economizer Sensors

- ☐ Single Dry bulb control
- ☐ Differential Dry bulb control
- ☐ Single enthalpy control
- ☐ Differential enthalpy control
- ☐ CO₂ - wall mounted
- ☐ CO₂ - duct mounted
- ☐ CO₂ - unit mounted

OPTIONAL WARRANTIES

- ☐ Complete Unit Parts only up to 5 years
- ☐ Complete Unit Parts and Labor up to 5 years

Many other optional warranties are available.

See the *Commercial Start-Up and Optional Extended Warranty Price* price pages for further information.

CERTIFIED DIMENSION 50HC04-06

NOTES:
1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE IN MILLIMETERS.
2. ⚡ CENTER OF GRAVITY
3. ➡ DIRECTION OF AIR FLOW

UNIT	J	K
50HC-A04	33-3/8 [847]	18-5/8 [472]
50HC-A05	41-3/8 [1051]	14-7/8 [377]
50HC-A06	41-5/8 [1051]	13-7/8 [349]

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UNITED TECHNOLOGIES CARRIER

7.0 BOX 4808
10000 W. 10TH AVE., SUITE 100
DENVER, CO 80231

CONNECTION SIZES	
A	1 3/8" (35) DIA. FIELD POWER SUPPLY HOLE
B	2" (51) DIA. POWER SUPPLY KNOCKOUT
C	1 3/4" (44) DIA. GAUGE ACCESS PLUG
D	7/8" (22) DIA. FIELD CONTROL WIRING HOLE
E	3/4"-14 NPT CONDENSATE DRAIN
G	2 1/2" (64) DIA. POWER SUPPLY KNOCK-OUT

THRU-THE-BASE CHART THESE HOLES REQUIRED FOR USE CARRIER PRODUCT	
THREADED CONDUIT SIZE	WIRE SIZES (MAX.)
1/2"	ACC. 7/8" (22.2)
3/4"	24W 7/8" (22.2)
1"	ACC. 1 1/8" (28.4)
1 1/2"	24W 1 1/8" (28.4)
2"	ACC. 1 3/4" (41.3)
2 1/2"	24W 1 3/4" (41.3)
3"	ACC. 2" (50.8)
3 1/2"	24W 2" (50.8)
4"	ACC. 2 1/4" (60.3)
4 1/2"	24W 2 1/4" (60.3)
5"	ACC. 2 3/4" (68.6)
5 1/2"	24W 2 3/4" (68.6)
6"	ACC. 3" (76.2)
6 1/2"	24W 3" (76.2)
7"	ACC. 3 1/4" (86.1)
7 1/2"	24W 3 1/4" (86.1)
8"	ACC. 3 1/2" (89.1)
8 1/2"	24W 3 1/2" (89.1)
9"	ACC. 3 3/4" (95.3)
9 1/2"	24W 3 3/4" (95.3)
10"	ACC. 4" (101.6)
10 1/2"	24W 4" (101.6)
11"	ACC. 4 1/4" (111.8)
11 1/2"	24W 4 1/4" (111.8)
12"	ACC. 4 1/2" (114.3)
12 1/2"	24W 4 1/2" (114.3)
13"	ACC. 4 3/4" (120.7)
13 1/2"	24W 4 3/4" (120.7)
14"	ACC. 5" (127.0)
14 1/2"	24W 5" (127.0)
15"	ACC. 5 1/4" (138.1)
15 1/2"	24W 5 1/4" (138.1)
16"	ACC. 5 1/2" (140.0)
16 1/2"	24W 5 1/2" (140.0)
17"	ACC. 5 3/4" (146.1)
17 1/2"	24W 5 3/4" (146.1)
18"	ACC. 6" (152.4)
18 1/2"	24W 6" (152.4)
19"	ACC. 6 1/4" (162.7)
19 1/2"	24W 6 1/4" (162.7)
20"	ACC. 6 1/2" (165.1)
20 1/2"	24W 6 1/2" (165.1)
21"	ACC. 6 3/4" (171.5)
21 1/2"	24W 6 3/4" (171.5)
22"	ACC. 7" (177.8)
22 1/2"	24W 7" (177.8)
23"	ACC. 7 1/4" (188.0)
23 1/2"	24W 7 1/4" (188.0)
24"	ACC. 7 1/2" (190.5)
24 1/2"	24W 7 1/2" (190.5)
25"	ACC. 7 3/4" (196.9)
25 1/2"	24W 7 3/4" (196.9)
26"	ACC. 8" (203.2)
26 1/2"	24W 8" (203.2)
27"	ACC. 8 1/4" (213.4)
27 1/2"	24W 8 1/4" (213.4)
28"	ACC. 8 1/2" (215.9)
28 1/2"	24W 8 1/2" (215.9)
29"	ACC. 8 3/4" (222.3)
29 1/2"	24W 8 3/4" (222.3)
30"	ACC. 9" (228.6)
30 1/2"	24W 9" (228.6)
31"	ACC. 9 1/4" (238.1)
31 1/2"	24W 9 1/4" (238.1)
32"	ACC. 9 1/2" (241.3)
32 1/2"	24W 9 1/2" (241.3)
33"	ACC. 9 3/4" (247.7)
33 1/2"	24W 9 3/4" (247.7)
34"	ACC. 10" (254.0)
34 1/2"	24W 10" (254.0)
35"	ACC. 10 1/4" (264.3)
35 1/2"	24W 10 1/4" (264.3)
36"	ACC. 10 1/2" (266.7)
36 1/2"	24W 10 1/2" (266.7)
37"	ACC. 10 3/4" (273.1)
37 1/2"	24W 10 3/4" (273.1)
38"	ACC. 11" (279.4)
38 1/2"	24W 11" (279.4)
39"	ACC. 11 1/4" (289.7)
39 1/2"	24W 11 1/4" (289.7)
40"	ACC. 11 1/2" (292.1)
40 1/2"	24W 11 1/2" (292.1)
41"	ACC. 11 3/4" (298.5)
41 1/2"	24W 11 3/4" (298.5)
42"	ACC. 12" (304.8)
42 1/2"	24W 12" (304.8)
43"	ACC. 12 1/4" (315.1)
43 1/2"	24W 12 1/4" (315.1)
44"	ACC. 12 1/2" (317.5)
44 1/2"	24W 12 1/2" (317.5)
45"	ACC. 12 3/4" (323.9)
45 1/2"	24W 12 3/4" (323.9)
46"	ACC. 13" (330.2)
46 1/2"	24W 13" (330.2)
47"	ACC. 13 1/4" (340.5)
47 1/2"	24W 13 1/4" (340.5)
48"	ACC. 13 1/2" (342.9)
48 1/2"	24W 13 1/2" (342.9)
49"	ACC. 13 3/4" (349.3)
49 1/2"	24W 13 3/4" (349.3)
50"	ACC. 14" (355.6)
50 1/2"	24W 14" (355.6)
51"	ACC. 14 1/4" (365.9)
51 1/2"	24W 14 1/4" (365.9)
52"	ACC. 14 1/2" (368.3)
52 1/2"	24W 14 1/2" (368.3)
53"	ACC. 14 3/4" (374.7)
53 1/2"	24W 14 3/4" (374.7)
54"	ACC. 15" (381.0)
54 1/2"	24W 15" (381.0)
55"	ACC. 15 1/4" (391.3)
55 1/2"	24W 15 1/4" (391.3)
56"	ACC. 15 1/2" (393.7)
56 1/2"	24W 15 1/2" (393.7)
57"	ACC. 15 3/4" (399.9)
57 1/2"	24W 15 3/4" (399.9)
58"	ACC. 16" (406.4)
58 1/2"	24W 16" (406.4)
59"	ACC. 16 1/4" (416.7)
59 1/2"	24W 16 1/4" (416.7)
60"	ACC. 16 1/2" (419.1)
60 1/2"	24W 16 1/2" (419.1)
61"	ACC. 16 3/4" (425.5)
61 1/2"	24W 16 3/4" (425.5)
62"	ACC. 17" (431.8)
62 1/2"	24W 17" (431.8)
63"	ACC. 17 1/4" (442.1)
63 1/2"	24W 17 1/4" (442.1)
64"	ACC. 17 1/2" (444.5)
64 1/2"	24W 17 1/2" (444.5)
65"	ACC. 17 3/4" (450.9)
65 1/2"	24W 17 3/4" (450.9)
66"	ACC. 18" (457.2)
66 1/2"	24W 18" (457.2)
67"	ACC. 18 1/4" (467.5)
67 1/2"	24W 18 1/4" (467.5)
68"	ACC. 18 1/2" (469.9)
68 1/2"	24W 18 1/2" (469.9)
69"	ACC. 18 3/4" (476.3)
69 1/2"	24W 18 3/4" (476.3)
70"	ACC. 19" (482.6)
70 1/2"	24W 19" (482.6)
71"	ACC. 19 1/4" (492.9)
71 1/2"	24W 19 1/4" (492.9)
72"	ACC. 19 1/2" (495.3)
72 1/2"	24W 19 1/2" (495.3)
73"	ACC. 19 3/4" (501.7)
73 1/2"	24W 19 3/4" (501.7)
74"	ACC. 20" (508.0)
74 1/2"	24W 20" (508.0)
75"	ACC. 20 1/4" (518.3)
75 1/2"	24W 20 1/4" (518.3)
76"	ACC. 20 1/2" (520.7)
76 1/2"	24W 20 1/2" (520.7)
77"	ACC. 20 3/4" (527.1)
77 1/2"	24W 20 3/4" (527.1)
78"	ACC. 21" (533.4)
78 1/2"	24W 21" (533.4)
79"	ACC. 21 1/4" (543.7)
79 1/2"	24W 21 1/4" (543.7)
80"	ACC. 21 1/2" (546.1)
80 1/2"	24W 21 1/2" (546.1)
81"	ACC. 21 3/4" (552.5)
81 1/2"	24W 21 3/4" (552.5)
82"	ACC. 22" (558.8)
82 1/2"	24W 22" (558.8)
83"	ACC. 22 1/4" (569.1)
83 1/2"	24W 22 1/4" (569.1)
84"	ACC. 22 1/2" (571.5)
84 1/2"	24W 22 1/2" (571.5)
85"	ACC. 22 3/4" (577.9)
85 1/2"	24W 22 3/4" (577.9)
86"	ACC. 23" (584.2)
86 1/2"	24W 23" (584.2)
87"	ACC. 23 1/4" (594.5)
87 1/2"	24W 23 1/4" (594.5)
88"	ACC. 23 1/2" (596.9)
88 1/2"	24W 23 1/2" (596.9)
89"	ACC. 23 3/4" (603.3)
89 1/2"	24W 23 3/4" (603.3)
90"	ACC. 24" (609.6)
90 1/2"	24W 24" (609.6)
91"	ACC. 24 1/4" (619.9)
91 1/2"	24W 24 1/4" (619.9)
92"	ACC. 24 1/2" (622.3)
92 1/2"	24W 24 1/2" (622.3)
93"	ACC. 24 3/4" (628.7)
93 1/2"	24W 24 3/4" (628.7)
94"	ACC. 25" (635.0)
94 1/2"	24W 25" (635.0)
95"	ACC. 25 1/4" (645.3)
95 1/2"	24W 25 1/4" (645.3)
96"	ACC. 25 1/2" (647.7)
96 1/2"	24W 25 1/2" (647.7)
97"	ACC. 25 3/4" (654.1)
97 1/2"	24W 25 3/4" (654.1)
98"	ACC. 26" (660.4)
98 1/2"	24W 26" (660.4)
99"	ACC. 26 1/4" (670.7)
99 1/2"	24W 26 1/4" (670.7)
100"	ACC. 26 1/2" (673.1)
100 1/2"	24W 26 1/2" (673.1)
101"	ACC. 26 3/4" (679.5)
101 1/2"	24W 26 3/4" (679.5)
102"	ACC. 27" (685.8)
102 1/2"	24W 27" (685.8)
103"	ACC. 27 1/4" (696.1)
103 1/2"	24W 27 1/4" (696.1)
104"	ACC. 27 1/2" (698.5)
104 1/2"	24W 27 1/2" (698.5)
105"	ACC. 27 3/4" (704.9)
105 1/2"	24W 27 3/4" (704.9)
106"	ACC. 28" (711.2)
106 1/2"	24W 28" (711.2)
107"	ACC. 28 1/4" (721.5)
107 1/2"	24W 28 1/4" (721.5)
108"	ACC. 28 1/2" (723.9)
108 1/2"	24W 28 1/2" (723.9)
109"	ACC. 28 3/4" (730.3)
109 1/2"	24W 28 3/4" (730.3)
110"	ACC. 29" (736.6)
110 1/2"	24W 29" (736.6)
111"	ACC. 29 1/4" (746.9)
111 1/2"	24W 29 1/4" (746.9)
112"	ACC. 29 1/2" (749.3)
112 1/2"	24W 29 1/2" (749.3)
113"	ACC. 29 3/4" (755.7)
113 1/2"	24W 29 3/4" (755.7)
114"	ACC. 30" (762.0)
114 1/2"	24W 30" (762.0)
115"	ACC. 30 1/4" (772.3)
115 1/2"	24W 30 1/4" (772.3)
116"	ACC. 30 1/2" (774.7)
116 1/2"	24W 30 1/2" (774.7)
117"	ACC. 30 3/4" (781.1)
117 1/2"	24W 30 3/4" (781.1)
118"	ACC. 31" (787.4)
118 1/2"	24W 31" (787.4)
119"	ACC. 31 1/4" (797.7)
119 1/2"	24W 31 1/4" (797.7)
120"	ACC. 31 1/2" (800.1)
120 1/2"	24W 31 1/2" (800.1)
121"	ACC. 31 3/4" (806.5)
121 1/2"	24W 31 3/4" (806.5)
122"	ACC. 32" (812.8)
122 1/2"	24W 32" (812.8)
123"	ACC. 32 1/4" (823.1)
123 1/2"	24W 32 1/4" (823.1)
124"	ACC. 32 1/2" (825.5)
124 1/2"	24W 32 1/2" (825.5)
125"	ACC. 32 3/4" (831.9)
125 1/2"	24W 32 3/4" (831.9)
126"	ACC. 33" (838.2)
126 1/2"	24W 33" (838.2)
127"	ACC. 33 1/4" (848.5)
127 1/2"	24W 33 1/4" (848.5)
128"	ACC. 33 1/2" (850.9)
128 1/2"	24W 33 1/2" (850.9)
129"	ACC. 33 3/4" (857.3)
129 1/2"	24W 33 3/4" (857.3)
130"	ACC. 34" (863.6)
130 1/2"	24W 34" (863.6)
131"	ACC. 34 1/4" (873.9)
131 1/2"	24W 34 1/4" (873.9)
132"	ACC. 34 1/2" (876.3)
132 1/2"	24W 34 1/2" (876.3)
133"	ACC. 34 3/4" (882.7)
133 1/2"	24W 34 3/4" (882.7)
134"	ACC. 35" (889.0)
134 1/2"	24W 35" (889.0)
135"	ACC. 35 1/4" (899.3)
135 1/2"	24W 35 1/4" (899.3)
136"	ACC. 35 1/2" (901.7)
136 1/2"	24W 35 1/2" (901.7)
137"	ACC. 35 3/4" (908.1)
137 1/2"	24W 35 3/4" (908.1)
138"	ACC. 36" (914.4)
138 1/2"	24W 36" (914.4)
139"	ACC. 36 1/4" (924.7)
139 1/2"	24W 36 1/4" (924.7)
140"	ACC. 36 1/2" (927.1)
140 1/2"	24W 36 1/2" (927.1)
141"	ACC. 36 3/4" (933.5)
141 1/2"	24W 36 3/4" (933.5)
142"	ACC. 37" (939.8)
142 1/2"	24W 37" (939.8)
143"	ACC. 37 1/4" (950.1)
143 1/2"	24W 37 1/4" (950.1)
144"	ACC. 37 1/2" (952.5)
144 1/2"	24W 37 1/2" (952.5)
145"	ACC. 37 3/4" (958.9)
145 1/2"	24W 37 3/4" (958.9)
146"	ACC. 38" (965.2)
146 1/2"	24W 38" (965.2)
147"	ACC. 38 1/4" (975.5)
147 1/2"	24W 38 1/4" (975.5)
148"	ACC. 38 1/2" (977.9)
148 1/2"	24W 38 1/2" (977.9)
149"	ACC. 38 3/4" (984.3)
149 1/2"	24W 38 3/4" (984.3)
150"	ACC. 39" (990.6)
150 1/2"	24W 39" (990.6)
151"	ACC. 39 1/4" (1000.9)
151 1/2"	24W 39 1/4" (1000.9)
152"	ACC. 39 1/2" (1003.3)
152 1/2"	24W 39 1/2" (1003.3)
153"	ACC. 39 3/4" (1009.7)
153 1/2"	24W 39 3/4" (1009.7)
154"	ACC. 40" (1016.0)
154 1/2"	24W 40" (1016.0)
155"	ACC. 40 1/4" (1026.3)
155 1/2"	24W 40 1/4" (1026.3)
156"	ACC. 40 1/2" (1028.7)
156 1/2"	24W 40 1/2" (1028.7)
157"	ACC. 40 3/4" (1035.1)
157 1/2"	24W 40 3/4" (1035.1)
158"	ACC. 41" (1041.4)
158 1/2"	24W 41" (1041.4)
159"	ACC. 41 1/4" (1051.7)
159 1/2"	24W 41 1/4" (1051.7)
160"	ACC. 41 1/2" (1054.1)
160 1/2"	24W 41 1/2" (1054.1)
161"	ACC. 41 3/4" (1060.5)
161 1/2"	24W 41 3/4" (1060.5)
162"	ACC. 42" (1066.8)
162 1/2"	24W 42" (1066.8)
163"	ACC. 42 1/4" (1077.1)
163 1/2"	24W 42 1/4" (1077.1)
164"	ACC. 42 1/2" (1079.5)
164 1/2"	24W 42 1/2" (1079.5)
165"	ACC. 42 3/4" (1085.9)
165 1/2"	24W 42 3/4" (1085.9)
166"	ACC. 43" (1092.2)
166 1/2"	24W 43" (1092.2)
167"	ACC. 43 1/4" (1102.5)
167 1/2"	24W 43 1/4" (1102.5)
168"	ACC. 43 1/2" (1104.9)
168 1/2"	24W 43 1/2" (1104.9)
169"	ACC. 43 3/4" (1111.3)
169 1/2"	24W 43 3/4" (1111.3)
170"	ACC. 44" (1117.6)
170 1/2"	24W 44" (1117.6)
171"	ACC. 44 1/4" (1127.9)
171 1/2"	24W 44 1/4" (1127.9)

CERTIFIED DIMENSION 50HC04-06



UNITED TECHNOLOGIES

CARRIER

P.O. BOX 4888
SYRACUSE, NY 13221

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UNIT	STD. UNIT WEIGHT*	CORNER WEIGHT (A)	CORNER WEIGHT (B)	CORNER WEIGHT (C)	CORNER WEIGHT (D)	C.G.			HEIGHT	
	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z	
50HC-104	458	208	128	58	109	49	101	46	120	54
50HC-105	545	247	156	71	135	61	118	54	136	62
50HC-106	550	249	160	73	136	62	117	53	138	63
							34 1/8 [867]	22 1/2 [572]	19 3/4 [502]	
							34 3/8 [819]	21 3/4 [552]	20 7/8 [530]	
							34 1/8 [867]	21 5/8 [549]	20 1/4 [514]	

CORNER A

CORNER B

CORNER C

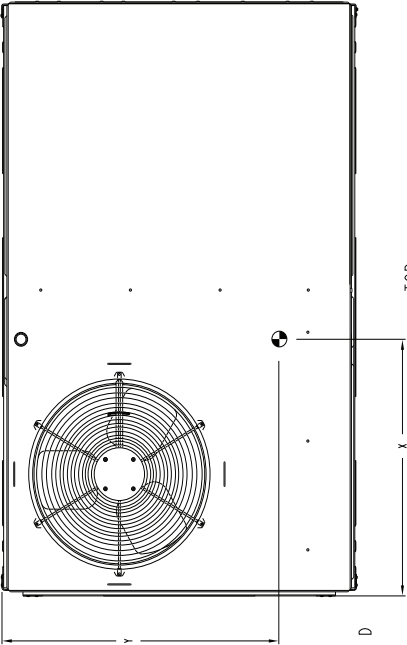
CORNER D

Y

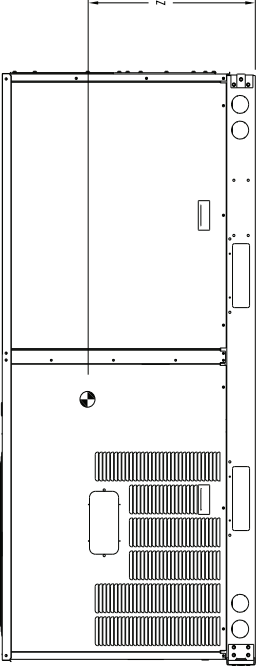
X

Z

TOP



FRONT



SHEET 2 OF 2

DATE 01/14/10

SUPERCEDES 10/12/09

50HC 04-06 SINGLE ZONE ELECTRICAL COOLING WITH ELECTRIC HEAT

48TM502589

REV A

* STANDARD UNIT WEIGHT IS WITHOUT ELECTRIC HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES REFER TO THE PRODUCT DATA CATALOG.

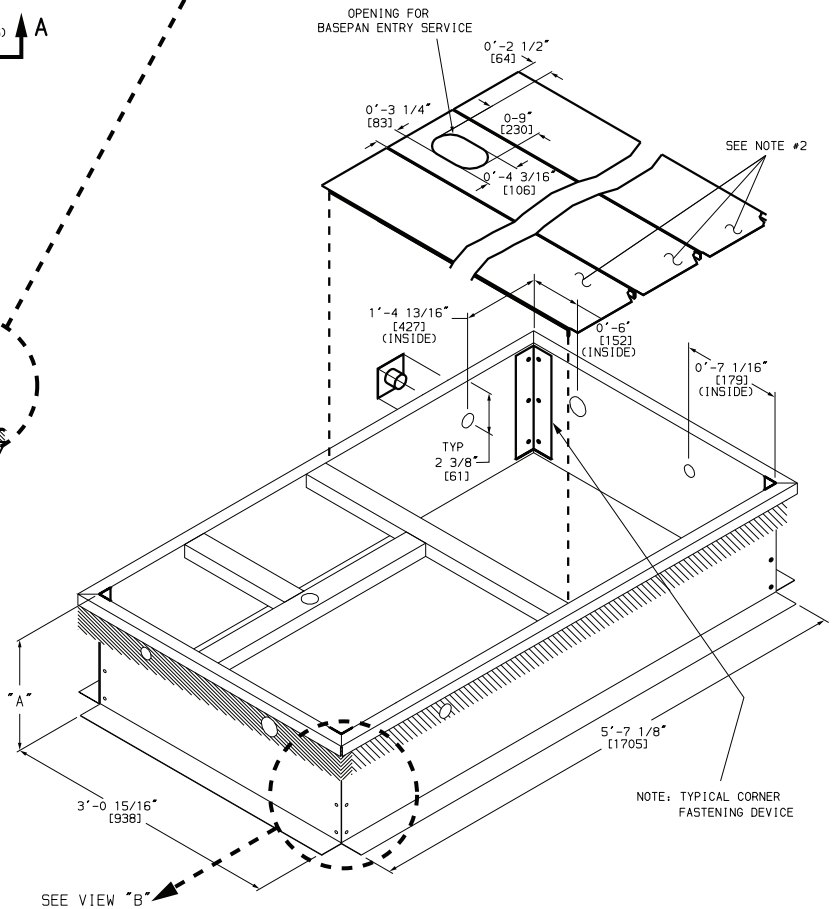
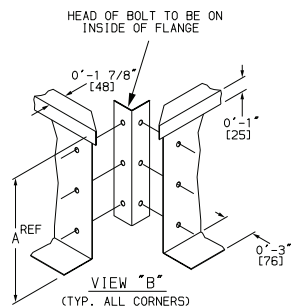
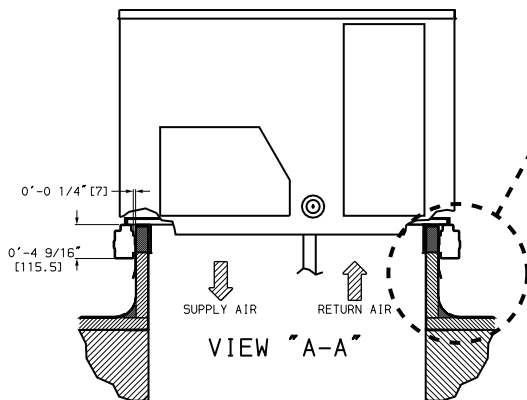
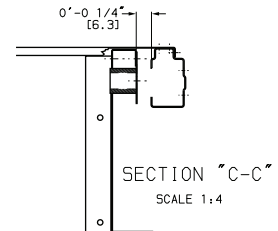
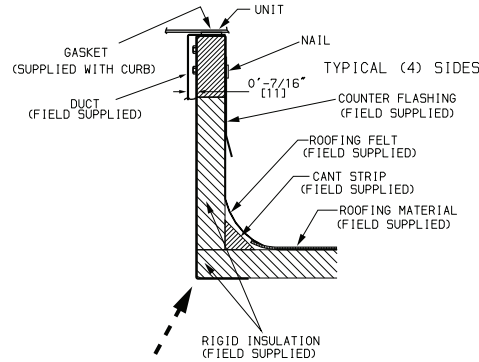
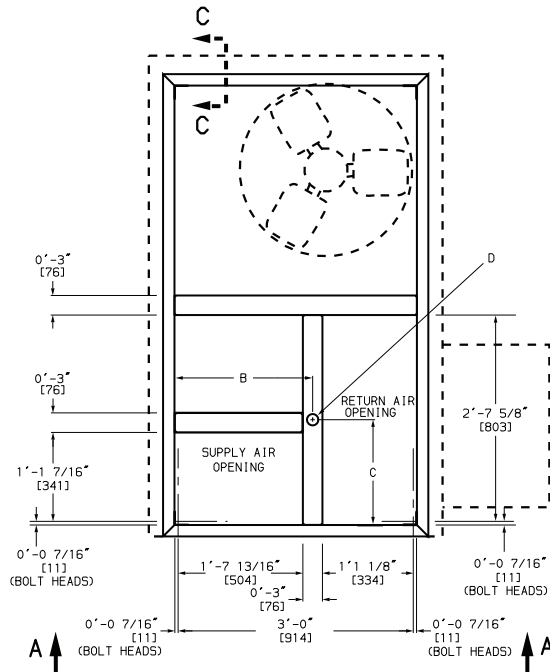
ROOF CURB DETAILS

CONNECTOR PKG. ACCY.	B	C	D ALT DRAIN HOLE	POWER	CONTROL	ACCESSORY POWER
CRBTMPWR001A01	1'-9 11/16" [551]	1'-4" [406]	1 3/4" [44.5]	3/4" [19] NPT	1/2" [12.7] NPT	1/2" [12.7] NPT
CRBTMPWR003A01				1 1/4" [31.7]		

ROOFCURB ACCESSORY	A	UNIT SIZE
CRRFCURB001A01	1'-2" [356]	50HC**04-06
CRRFCURB002A01	2'-0" [610]	

NOTES:

1. Roof curb accessory is shipped disassembled.
2. Insulated panels.
3. Dimensions in [] are in millimeters.
4. Roof curb: galvanized steel.
5. Attach ductwork to curb (flanges to duct rest on curb).
6. Service clearance: 4 ft on each side.
7.  Direction of airflow.



50HC

C11059A

