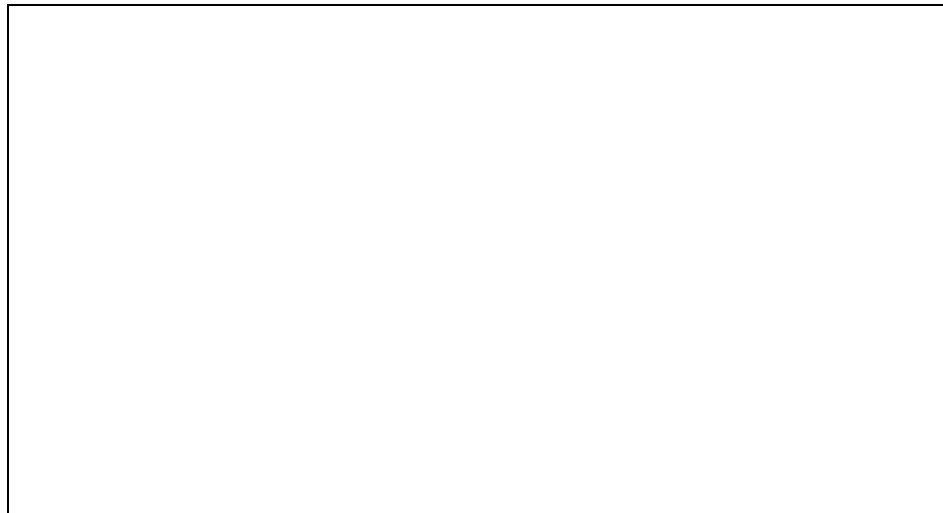




50TFF004-014

SINGLE-PACKAGE ELECTRIC COOLING UNITS WITH FIELD-INSTALLED ELECTRIC HEAT

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



Date:	Supersedes:	50TFF004-014 SINGLE-PACKAGE ELECTRIC COOLING UNITS WITH FIELD-INSTALLED ELECTRIC HEAT	50TFF	Rev.: -4SB
JOB NAME:		LOCATION:		
BUYER:		BUYER P.O. #	CARRIER #	
UNIT NUMBER:		MODEL NUMBER:		
UNIT DESIGNATION:				
PERFORMANCE DATA CERTIFIED BY:			DATE:	



DESCRIPTION

Units are a single piece, electric cooling unit, with a low profile, pre-wired, tested and charged at the factory. The units have the capability for convertible supply and return openings and are intended for installation on an accessory curb (ordered separately), or for slab mounting (for horizontal duct connections). Units are designed to accept a field-installed economizer, enthalpy control, manual or two-position outside-air damper, roof curb, as well as many choices of field-installed electric heat. Refer to accessory chart below for full listing.

FEATURES

- Standard one-year full product warranty.
- Five-year protection plan for the motor-compressor.
- Outdoor ambient cooling operation from 25 F (-4 C) to 115 F (46 C).
- Units are tested and certified by ARI and certified by UL and CSA. Factory-run test printout included in each rooftop.
- 24-volt control circuit, with resettable breaker.
- Two-inch disposable-type return air filters in dedicated rack.
- Hermetic compressor on independent circuit with internal line break and overload protection, self-lubricating with internal discharge muffler.
- Scroll compressor with internal overload protection (50TFF007 and 50TFF014).
- Each refrigerant circuit contains a filter drier to trap dirt and particles.
- Single compressor on 3 to 6 ton units.
- Dual compressors on 7 1/2 to 12 1/2 ton units.
- Two-speed direct drive evaporator fan on all units except size 007 which is belt driven. Adjustable belt drive fans are optional on all sizes.
- Non-corrosive condensate pan with self-draining sloping design with both bottom and side drain connections.
- Thru-the-bottom power control entry capability.
- Evaporator and condenser coils constructed of aluminum fins mechanically bonded to seamless copper tubes.
- Single point electrical connections.
- Direct-drive propeller condenser fan totally enclosed with permanently lubricated bearings.
- Pre-painted, insulated cabinet with primer inner panels, certified 500-hr salt spray test and non-corrosive screws.
- Large, easily removable panels provide ready access to unit components for rapid removal or maintenance.
- Filter access door for filter access and maintenance that requires no tools.
- Fixed orifice metering device precisely controls refrigerant flow to each circuit individually.
- Reliable accurate control circuit with color coded wires and easy accessible terminal board.
- Loss of charge, freeze protection, and high pressure switches standard.
- Cooling units with field-installed electric heat with accessory single-point electrical kit have single-point electrical power connection — UL approved.

PERFORMANCE DATA

COOLING

Net Total Cap. _____ Btuh
 Net Sensible Cap. _____ Btuh
 Compressor Power Input _____ kW
 _____ F Outdoor Air Temperature
 Indoor Entering Air db _____ F wb _____ F
 Cfm _____ Ext. Static Pressure _____ in. wg
 EER _____

HEATING

Heating Capacity
 kW _____
 Btuh _____

OPERATING WEIGHT _____ lb (unit) _____ lb (curb)

ELECTRICAL DATA

Power Supply to Unit _____ Volts _____ Phase _____ Hz
 Minimum Circuit Amps _____ Maximum Overcurrent Protection (Fuse only) _____

OPTIONS AND ACCESSORIES

FACTORY-INSTALLED OPTIONS

- EconoMiSer IV with Controller
- EconoMiSer2 with 4-20 mA Actuator Only (PremierLink™ or 3rd Party EMS System Control)
- Copper/Copper Coils — Evaporator, Condenser, Both
- Pre-Coated Condenser Coil
- E-Coat (Post-Coated) Condenser Coil
- Non-Fused Disconnect Switch (factory wired)
- 115-Volt Convenience Outlet (factory wired, load side)
- PremierLink Control
- 25% Manual Air Damper
- Alternate Motor and Drive (except 007 and 009 size)
- High-Static Motor (except size 014)
- Novar 3051 Control

FIELD-INSTALLED ACCESSORIES

- EconoMiSer IV with Controller
- EconoMiSer2 with 4-20 mA Actuator and No Microprocessor — Vertical or Horizontal
- 25% Open Two-Position Damper
- 25% Open Manual Air Damper
- 50% Open Manual Outdoor Air Damper
- 100% Open Two-Position Damper
- Outdoor Air/Return Air Temperature Sensor
- Outdoor Air/Return Air Enthalpy Sensor
- Roof Curb (14 or 24-in. Height)
- Thru-the-Bottom/Roof Curb Electrical Connection Kit
- Time Guard II Compressor Anti-Cycle Control
- Condenser Coil Hail Guard
- Condenser Coil Grille
- Room Temperature Sensor
- PremierLink Control
- CO₂ Sensor (IAQ Control)
- Power Exhaust
- Horizontal Power Exhaust Module (Single Fan)
- 20 F Motormaster® Low Ambient Control Kit
- Programmable Setback Thermostat
- Electrical Mechanical Thermostat and Subbase
- Indoor Fan/Filter Status Indicator
- Electric Resistance Heat Coils
- 62AQ Energy\$Recycler™ Mounting Kit
- 62AQ Energy\$Recycler Supply Air Blower
- 62AQ Energy\$Recycler 460-V Transformer
- 62AQ Energy\$Recycler 575-V Transformer
- Humidistat
- Light Commercial Thermidistat™ Device
- UV-C Lamps
- Other _____

BLANKET QUOTE CONTROLS

- 115-Volt Field Powered GFI Convenience Outlet (line side)
- 115-Volt GFI Convenience Outlet (field powered)
- E-Coated Aluminum/Copper Condenser and Evaporator Coils
- Fused Disconnect
- Hinged Access Panels
- Lockout of High Fire Stage for Heating
- Low Ambient Controller (Motormaster® I)
- Smoke Detector — Return Air
- Smoke Detector — Return and Supply Air
- Smoke Detector — Supply Air
- Split Power (transfer switch NOT included)
- UV-C Lamps (installed and powered with door interlock switch and disconnect switch)

CUT ALONG DOTTED LINE

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

UNITED TECHNOLOGIES CARRIER
THIS DOCUMENT IS THE PROPERTY OF CARRIER CORPORATION. IT IS TO BE USED ONLY FOR THE PROJECT AND PART SPECIFIED. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF CARRIER CORPORATION.

P O BOX 4868
SYRACUSE, N.Y.
13221



CONNECTION SIZES
A 1 3/8" DIA. [155] FIELD POWER SUPPLY HOLE
B 2" DIA. [157] POWER SUPPLY KNOCK-OUT
C 2 1/2" DIA. [164] POWER SUPPLY KNOCK-OUT
D 7/8" DIA. [22] FIELD CONTROL WIRING HOLE
E 3/4"-1 1/4" NPT CONDENSATE DRAIN

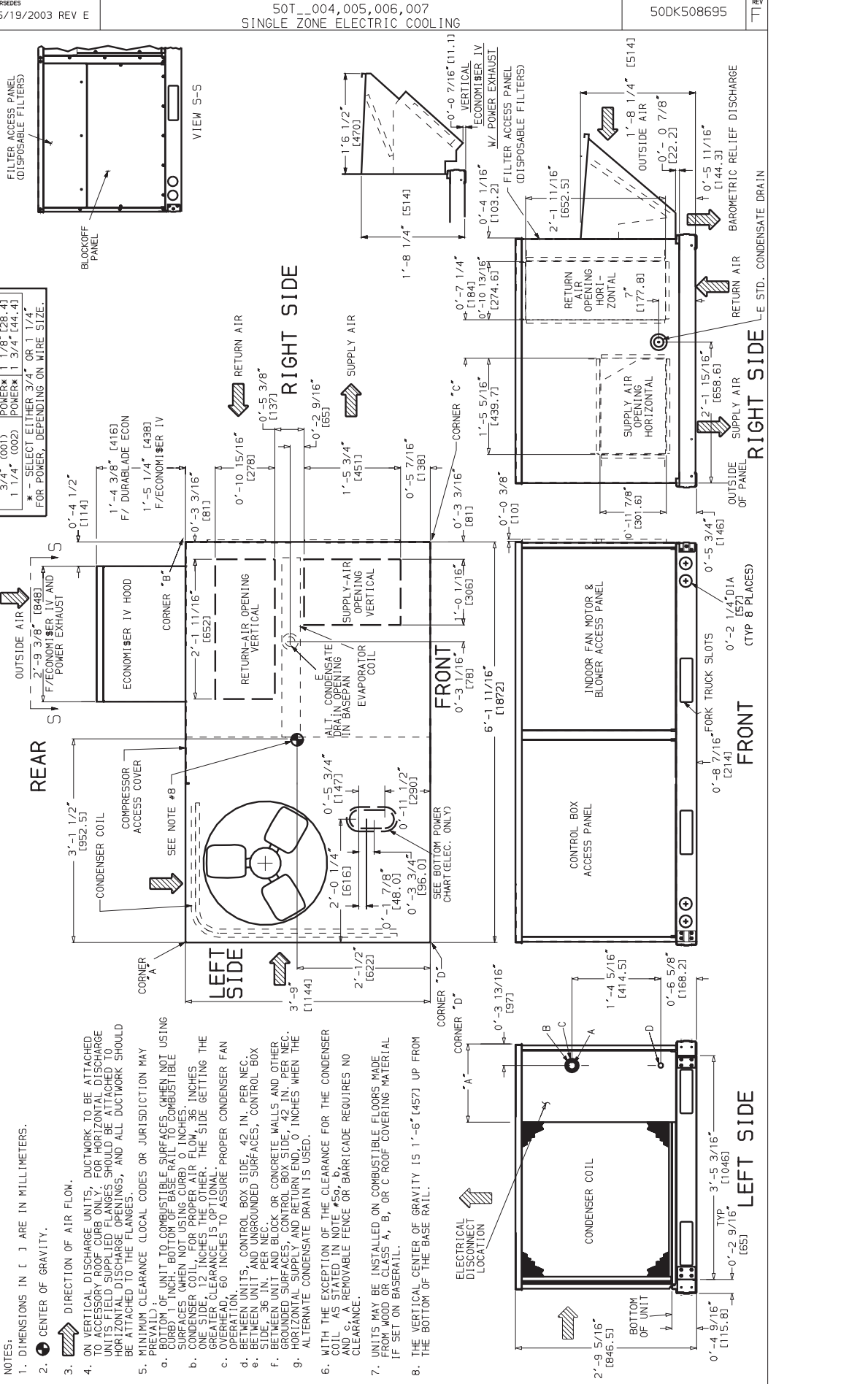
BOTTOM POWER CHART: USE THESE VALUES FOR FACTS -	
WIRE SIZES (MAX.)	REG'D HOLE SIZES
1/2"	7/8" [22.2]
3/4"	7/8" [22.2]
1 1/4"	1 1/8" [28.4]
1 1/2"	1 1/8" [28.4]

* - SELECT EITHER 3/4" OR 1 1/4" FOR POWER, DEPENDING ON WIRE SIZE.

UNIT	STD. WEIGHT LBS.	UNIT WEIGHT LBS.	ECON IV		ECON V		CORNER WEIGHT LBS.	CORNER WEIGHT LBS.	(C) CORNER WEIGHT LBS.	(D) CORNER WEIGHT LBS.	PANEL LENGTH				
			LBS.	KG.	LBS.	KG.									
50T_004	365	165.6	50	22.7	90	40.9	126	57.2	89	40.4	111	50.3	39	17.7	1'-10 3/8" [568.0]
50T_005	375	170.1					128	58.1	90	40.8	114	51.7	43	19.5	1'-10 3/8" [568.0]
50T_006	395	179.2					132	59.9	94	42.6	120	54.4	49	22.2	1'-0 3/8" [315.0]
50TF007	470	213.2					148	67.1	103	46.7	155	70.3	64	29.0	1'-0 3/8" [315.0]

NOTES:

- DIMENSIONS IN [] ARE IN MILLIMETERS.
- CENTER OF GRAVITY.
- DIRECTION OF AIR FLOW.
- ON VERTICAL DISCHARGE UNITS, DUCTWORK TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY. FOR HORIZONTAL DISCHARGE UNITS, FIELD SUPPLY CHANGES SHOULD BE ATTACHED TO BE ATTACHED TO THE FLANGES.
- MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY PREVAIL)
 - BOTTOM OF UNIT TO COMBUSTIBLE SURFACES (WHEN NOT USING CURB) 1" INCH, BOTTOM OF BASE RAIL TO COMBUSTIBLE SURFACES (WHEN NOT USING CURB) 0 INCHES.
 - CONDENSER COIL, FOR PROPER AIR FLOW, 36 INCHES ONE SIDE, 12 INCHES THE OTHER. THE SIDE GETTING THE GREATER CLEARANCE IS OP TIONAL.
 - OPERATION: 60 INCHES TO ASSURE PROPER CONDENSER FAN OPERATION.
 - BETWEEN UNIT AND UNGROUNDED SURFACES, CONTROL BOX SIDE, 36 IN. PER NEC.
 - BETWEEN UNIT AND BLOCK OR CONCRETE WALLS AND OTHER GROUNDED SURFACES, CONTROL BOX SIDE, 42 IN. PER NEC.
 - HORIZONTAL SUPPLY AND RETURN END, 0 INCHES WHEN THE ALTERNATE CONDENSATE DRAIN IS USED.
 - WITH THE EXCEPTION OF THE CLEARANCE FOR THE CONDENSER COIL AS STATED IN NOTE #5_a, _b, AND _c, A REMOVABLE FENCE OR BARRICADE REQUIRES NO CLEARANCE.
 - UNITS MAY BE INSTALLED ON COMBUSTIBLE FLOORS MADE FROM WOOD OR CLASS A, B, OR C ROOF COVERING MATERIAL IF SET ON BASE RAIL.
 - THE VERTICAL CENTER OF GRAVITY IS 1'-6" [457] UP FROM THE BOTTOM OF THE BASE RAIL.



CUT ALONG DOTTED LINE

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

UNITED TECHNOLOGIES CARRIER

P.O. BOX 4898
SYRACUSE, N.Y.

THIS DOCUMENT IS THE PROPERTY OF CARRIER CORPORATION AND IS DELIVERED ON THE EXPRESS CONDITION THAT THE USER WILL CONSTITUTE PART PERFORMANCE OR ACCEPTANCE OF CONTRACT.

DATE: 11/14/2005

SUPERSEDES: 10/07/2003 REV D

50TFF008, 009, 012 & 014
SINGLE ZONE ELECTRIC COOLING

50DK509065

REV

UNIT	STD. WEIGHT LBS.	ECONOMIZER IV WEIGHT LBS.	VERT. ECON. IV W/ P.E. WEIGHT LBS.	CORNER WEIGHT (A)			CORNER WEIGHT (B)			CORNER WEIGHT (C)			CORNER WEIGHT (D)					
				LBS.	KG.	FT.-IN.	LBS.	KG.	FT.-IN.	LBS.	KG.	FT.-IN.	LBS.	KG.	FT.-IN.			
50TFF008	755	342	75	34.1	145	65.9	164	74	140	64	240	94	243	110	3'-5 5/16"	1050	2'-9 11/16"	856
50TFF009	760	345					165	75	141	64	209	94	245	111	3'-3 7/8"	1013	2'-9 11/16"	856
50TFF012	915	415					199	90	170	77	252	114	294	134	2'-5 5/16"	1253	3'-0 3/8"	924
50TFF014	930	422					202	92	172	78	256	116	300	136	1'-2 7/8"	378	3'-0 3/8"	924

NOTES:

- DIMENSIONS IN () ARE IN MILLIMETERS.
- CENTER OF GRAVITY.
- DIRECTION OF AIR FLOW.
- DUCTWORK TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY.
- MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY PREVAIL):
 - BOTTOM TO COMBUSTIBLE SURFACES (WHEN NOT USING CURB): 0 INCHES, ON HORIZONTAL SURFACES; 12 INCHES, ON VERTICAL SURFACES.
 - HEATER TO COMBUSTIBLE SURFACES: 12 INCHES, ON HORIZONTAL SURFACES; 12 INCHES, ON VERTICAL SURFACES.
 - ONE SIDE TO THE OTHER: 12 INCHES, ON THE SIDE GETTING THE GREATER CLEARANCE IS OPTIONAL.
 - OVERHEAD: 60 INCHES TO ASSURE PROPER CONDENSER FAN OPERATION.
 - BETWEEN UNITS: CONTROL BOX SIDE, 42 IN. PER NEC.
 - BETWEEN UNIT AND UNGROUNDED SURFACES, CONTROL BOX SIDE, 36 IN. PER NEC.
 - BETWEEN UNIT AND BLOCK OR CONCRETE WALLS AND OTHER UNITS: 12 INCHES, ON HORIZONTAL SURFACES; 12 INCHES, ON VERTICAL SURFACES.
 - HORIZONTAL SUPPLIES AND RETURNS: 6 INCHES WHEN THE ALTERNATE CONDENSATE DRAIN IS USED.
- WITH THE EXCEPTION OF THE CLEARANCE FOR THE CONDENSER COIL AS STATED IN NOTES 5, 6, AND 7, ALL CLEARANCES ARE TO BE MAINTAINED AT ALL TIMES.
- UNITS MAY BE INSTALLED ON COMBUSTIBLE FLOORS MADE FROM WOOD OR CLASS A, B, OR C ROOF COVERING MATERIAL. THE VERTICAL CENTER OF GRAVITY IS 1'-7 1/2" (495) FOR 008 AND 009, 2'-0" (610) FOR 012 AND 014 UP FROM THE BOTTOM OF THE BASE RAIL.

CONNECTION SIZES

A	1 3/8" DIA. (35)	FIELD POWER SUPPLY HOLE
B	1 1/2" DIA. (64)	POWER SUPPLY KNOCK-OUT
C	1 3/4" DIA. (44)	CHARGING PORT HOLE
D	1 7/8" DIA. (22)	FIELD CONTROL WIRING HOLE
E	3/4" - 1 1/4" NPT	CONDENSATE DRAIN
F	2" DIA. (51)	POWER SUPPLY KNOCK-OUT

REAR VIEW: Shows condenser coil, evaporator, and control panel access. Dimensions include 3'-6 15/16" (1093) for the condenser coil and 1'-11 1/4" (591) for the control panel.

FRONT VIEW: Shows the control box, compressor access panel, and indoor-fan motor blower. Dimensions include 7'-3 3/8" (2219) for the total width and 0'-7 3/8" (187) for the control panel height.

LEFT SIDE VIEW: Shows the condenser coil and evaporator. Dimensions include 4'-9 3/4" (1467) for the height and 0'-7 3/8" (187) for the width.

RIGHT SIDE VIEW: Shows the return air opening, supply air opening, and filter access panel. Dimensions include 2'-4 3/4" (730) for the return air opening and 0'-7 3/8" (187) for the supply air opening.

REAR VIEW (Top): Shows the condenser coil, evaporator, and control panel access. Dimensions include 3'-6 15/16" (1093) for the condenser coil and 1'-11 1/4" (591) for the control panel.

FRONT VIEW (Top): Shows the control box, compressor access panel, and indoor-fan motor blower. Dimensions include 7'-3 3/8" (2219) for the total width and 0'-7 3/8" (187) for the control panel height.

LEFT SIDE VIEW (Top): Shows the condenser coil and evaporator. Dimensions include 4'-9 3/4" (1467) for the height and 0'-7 3/8" (187) for the width.

RIGHT SIDE VIEW (Top): Shows the return air opening, supply air opening, and filter access panel. Dimensions include 2'-4 3/4" (730) for the return air opening and 0'-7 3/8" (187) for the supply air opening.

VIEW S-S: Shows the filter access panel and blockoff panel. Dimensions include 2'-2" (660) for the filter access panel and 2'-1" (635) for the blockoff panel.

RIGHT SIDE (Bottom): Shows the return air opening, supply air opening, and filter access panel. Dimensions include 2'-4 3/4" (730) for the return air opening and 0'-7 3/8" (187) for the supply air opening.

FRONT (Bottom): Shows the control box, compressor access panel, and indoor-fan motor blower. Dimensions include 7'-3 3/8" (2219) for the total width and 0'-7 3/8" (187) for the control panel height.

LEFT SIDE (Bottom): Shows the condenser coil and evaporator. Dimensions include 4'-9 3/4" (1467) for the height and 0'-7 3/8" (187) for the width.

RIGHT SIDE (Bottom): Shows the return air opening, supply air opening, and filter access panel. Dimensions include 2'-4 3/4" (730) for the return air opening and 0'-7 3/8" (187) for the supply air opening.

REAR (Bottom): Shows the condenser coil, evaporator, and control panel access. Dimensions include 3'-6 15/16" (1093) for the condenser coil and 1'-11 1/4" (591) for the control panel.

FRONT (Bottom): Shows the control box, compressor access panel, and indoor-fan motor blower. Dimensions include 7'-3 3/8" (2219) for the total width and 0'-7 3/8" (187) for the control panel height.

LEFT SIDE (Bottom): Shows the condenser coil and evaporator. Dimensions include 4'-9 3/4" (1467) for the height and 0'-7 3/8" (187) for the width.

RIGHT SIDE (Bottom): Shows the return air opening, supply air opening, and filter access panel. Dimensions include 2'-4 3/4" (730) for the return air opening and 0'-7 3/8" (187) for the supply air opening.

CERTIFIED ROOF CURB DIMENSION PRINT

UNITED TECHNOLOGIES CARRIER

P O BOX 4988
SYRACUSE, N. Y. 13221

THIS DOCUMENT IS THE PROPERTY OF CARRIER CORPORATION. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN CONSENT OF CARRIER CORPORATION.

SUBMISSION OF THESE DRAWINGS OR DOCUMENTS DOES NOT CONSTITUTE PART PERFORMANCE OR ACCEPTANCE OF CONTRACT.

DATE: 04/23/03

SUPERSEDES: 11/29/2001 REV R

48HJ/TJ/TF/TM004-007, 50HJ/TJ/TF/TM004-007
50HJQ/TJQ/TFQ004-007 ROOF CURB

50DK501028

REV: 5

NOTES:

1. ROOF CURB ACCESSORY IS SHIPPED DISASSEMBLED.
2. DIMENSIONS IN [] ARE IN MILLIMETERS. (SUPPLIED WITH CURB)
3. DIMENSIONS IN [] ARE IN MILLIMETERS. (SUPPLIED WITH CURB)
4. ATTACHMENT TO ROOF CURB.
5. FLANGES OF DUCT REST ON CURB.
6. CLEARANCE OF 4 FEET ON EACH SIDE. (FIELD SUPPLIED)
7. DUCT REST ON CURB.
8. CONNECTOR PACKAGES CRBTMPR0001A01 AND 2A01 ARE FOR THROUGH-THE-CURB TYPE GAS. PACKAGES CRBTMPR0003A01 AND 4A01 ARE FOR THE THROUGH-THE-BOTTOM TYPE GAS CONNECTIONS.

CONNECTOR PKG. ACC.	B	C	D	ALT. DRAIN HOLE	GAS	POWER	CONTROL	ACCESSORY PWR
CRBTMPR0001A01	1'-9 1/16" [351]	1'-4" [406]	1 3/4" [44.5]	3/4" [19.1NPT]	3/4" [19.1NPT]	3/4" [19.1NPT]	1/2" [12.7NPT]	1/2" [12.7NPT]
CRBTMPR0002A01	2'-0" [610]			1 3/4" [44.5]	1/2" [12.7NPT]	3/4" [19.1NPT]	1/2" [12.7NPT]	1/2" [12.7NPT]
CRBTMPR0004A01					3/4" [19.1NPT]	1 1/4" [31.7]		

UNIT SIZE

ROOF CURB ACCESSORY	A	UNIT SIZE
CRFCURB001A01	1'-2" [356]	48/50 HJ/TJ/TF/TM 004-007
CRFCURB002A01	2'-0" [610]	50HJQ
CRFCURB0002A01	2'-0" [610]	50TJQ/TFQ 004-007

CUT ALONG DOTTED LINE

CUT ALONG DOTTED LINE

CERTIFIED ROOF CURB DIMENSION PRINT

THIS DOCUMENT IS THE PROPERTY OF CARRIER CORPORATION AND IS DELIVERED UPON THE EXPRESS CONDITION THAT THE INFORMATION CONTAINED HEREIN IS TO BE USED WITHOUT CARRIER CORPORATION'S WRITTEN CONSENT.

P O BOX 4808
 UNITED TECHNOLOGIES
 CARRIER
 SPRINGFIELD N.Y. 13221

CONSTRUCTION OF THESE DRAWINGS OR DOCUMENTS DOES NOT CONSTITUTE PART PERFORMANCE OF CONTRACT

DATE: 04/23/03

SUPERSEDES: 11/29/2001 REV 5

48 HJ/TJ/TF/TM 008-014, 50 HJ/TJ/TF/TM 008-014
 50HJQ008,012, 50TJQ008-012, 50TFQ008-012 ROOF CURB

50DK501178

REV T

ROOF CURB ACCESSORY

CONNECTOR PKG., ACC.	A	UNIT SIZE
CRRF0003A01	1'-2" [356]	48/50HJ, TJ, TF, TM 008-014
CRRF0004A01	2'-0" [610]	50HJ0008,012 50TJ00,TFQ 008-012

CONNECTOR

PKG., ACC.	B	C	D	ALT DRAIN HOLE	GAS	POWER	CONTROL	ACCESSORY PWR
CRBTMPWR001A01	2'-8 7/16" [827]	1'-10 15/16" [583]	1 3/4" [44.5]	3/4" [19.1NPT]	3/4" [19.1NPT]	3/4" [19.1NPT]	1 1/4" [31.7]	1/2" [12.7]NPT
CRBTMPWR002A01				1/2" [12.7]NPT	3/4" [19.1NPT]	3/4" [19.1NPT]	1 1/4" [31.7]	1/2" [12.7]NPT
CRBTMPWR003A01				3/4" [19.1NPT]	3/4" [19.1NPT]	1 1/4" [31.7]		

NOTES:
 1. ROOF CURB ACCESSORY IS SHIPPED DISASSEMBLED.
 2. INSULATED PANELS: 1 1/2" THK. POLYURETHANE FOAM, 1-3/4" # DENSITY.
 3. DIMENSIONS IN [] ARE IN MILLIMETERS.
 4. ROOF CURB: 16 GAGE STEEL.
 5. ATTACH DUCTWORK TO CURB. (FLANGES OF DUCT REST ON CURB)
 6. SERVICE CLEARANCE 4" ON EACH SIDE.
 7. DIRECTION OF AIR FLOW.
 8. CONNECTOR PACKAGES CRBTMPWR001A01 AND 2A01 ARE FOR THRU-THE-CURB GAS TYPE. PACKAGES CRBTMPWR003A01 AND 4A01 ARE FOR THE THRU-THE-BOTTOM TYPE GAS CONNECTIONS.

NOTE: CAMBRIDGEPORT "SURE-LOCK" CORNER FASTENING DEVICE IS ACCEPTABLE ALTERNATE CONSTRUCTION.

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>