

50TFF-4SB

50TFF004-014

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

— PERFORMANCE DATA

- CERTIFIED DIMENSION PRINTS
- CERTIFIED ROOF CURB DIMENSION PRINTS



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11-05

Date:	Supersedes:	50TFF004-014 SINGLE-PACKAGE ELECTRIC COOLING UNITS WITH FIELD-INSTALLED ELECTRIC HEAT	50TFF	Rev.: -4SB	
JOB NAM	ſE:	LOCATION:	ATION:		
BUYER:		BUYER P.O. #	CARRIER #		
UNIT NUMBER:		MODEL NUMBER:			
UNIT DE	SIGNATION:				
PERFORM	MANCE 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					
 Five-year Outdoor a Units are Factory-ri 24-volt cc Two-inch Hermetic overload j Scroll co 50TFF01- Each refri Single con Dual com Two-spee is belt dri Non-corror 	one-year full product warranty. protection plan for the motor-compressor. umbient cooling operation from 25 F (-4 C) to 115 F (46 C tested and certified by ARI and certified by UL and C an test printout included in each rooftop. ontrol circuit, with resettable breaker. disposable-type return air filters in dedicated rack. compressor on independent circuit with internal line break protection, self-lubricating with internal discharge muffler. mpressor with internal overload protection (50TFF007 4). gerant circuit contains a filter drier to trap dirt and particle mpressor on $7^{1}/_{2}$ to $12^{1}/_{2}$ ton units. d direct drive evaporator fan on all units except size 007 w ven. Adjustable belt drive fans are optional on all sizes. ssive condensate pan with self-draining sloping design om and side drain connections.	 Evaporator and condenser coils or cally bonded to seamless copper to single point electrical connections. Direct-drive propeller condenser lubricated bearings. Pre-painted, insulated cabinet with salt spray test and non-corrosive satist spray test and non-corrosive satistication. Filter access door for filter access to circuit individually. Reliable accurate control circuit visible terminal board. Loss of charge, freeze protection, cooling units with field-installece. 	 cally bonded to seamless coper 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 		
PERFORMANCE DATA					
COOLING		HEATING			
		Btuh Heating Capacity			
Net Sensible Cap B		K ()	kW		
Compressor	Power Input F Outdoor Air Tempera				
	ng Air db F wb in Ext. Static Pressure in	F OPERATING WEIGHT	_ lb (unit)	lb (curb)	
ELECTRICAL DATA					
	Power Supply to Unit Volts	s Phase	Hz		
Minimum Circuit Amps Maximum Overcurrent Protection (Fuse only)					

OPTIONS AND ACCESSORIES

FACTORY-INSTALLED OPTIONS

- □ EconoMi\$er IV with Controller
- □ EconoMi\$er2 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

- □ EconoMi\$er IV with Controller
- □ EconoMi\$er2 with 4-20 mA Actuator and No Microprocessor — Vertical or Horizontal
- 25% Open Two-Position Damper П
- □ 25% Open Manual Air Damper
- 50% Open Manual Outdoor Air Damper
- 100% Open Two-Position Damper Outdoor Air/Return Air Temperature П
- Sensor
- П Outdoor Air/Return Air Enthalpy Sensor
- □ Roof Curb (14 or 24-in. Height) Thru-the-Bottom/Roof Curb Electrical П
- 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 ThermidistatTM Device
- UV-C Lamps
- □ Other

BLANKET QUOTE CONTROLS

- 115-Volt Field Powered GFI Convenience Outlet (line side)
- П 115-Volt GFI Convenience Outlet (field powered)
- E-Coated Aluminum/Copper Condenser and Evaporator Coils
- Fused Disconnect
- Hinged Acess 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)

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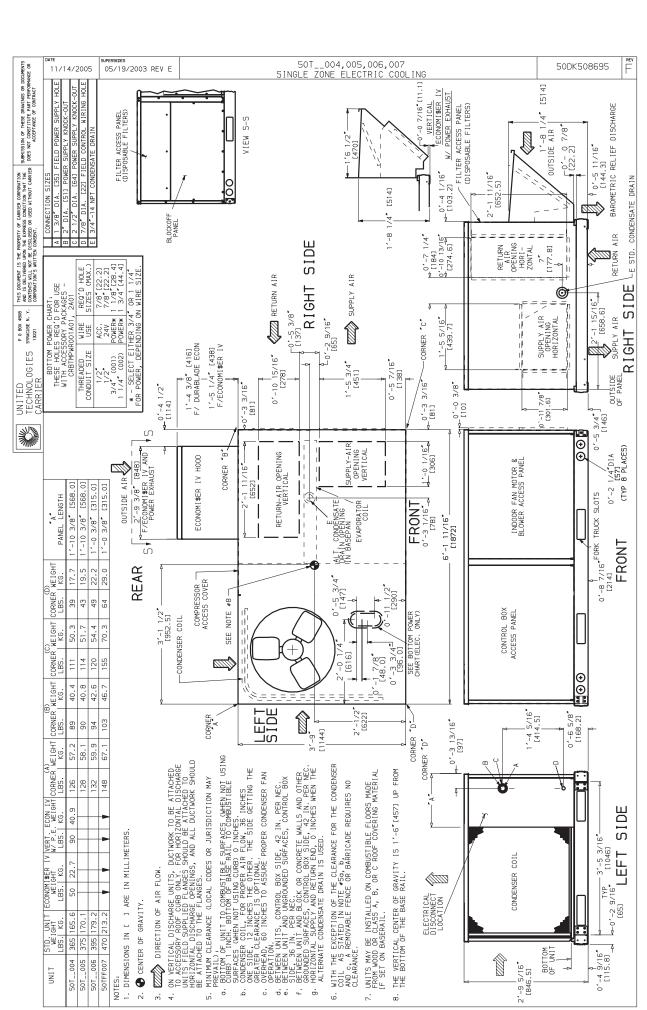
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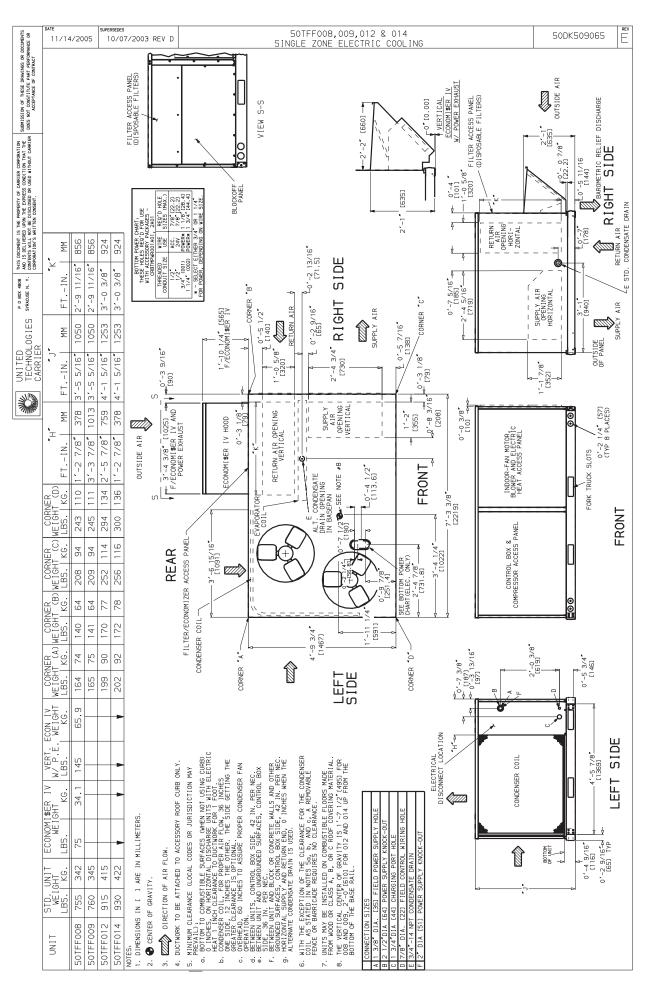
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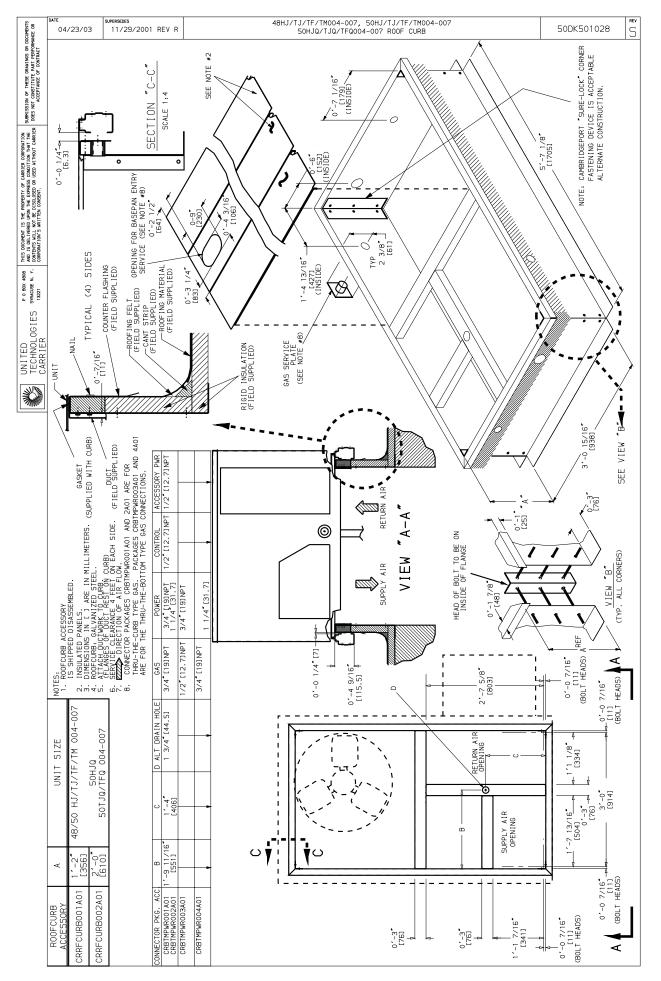
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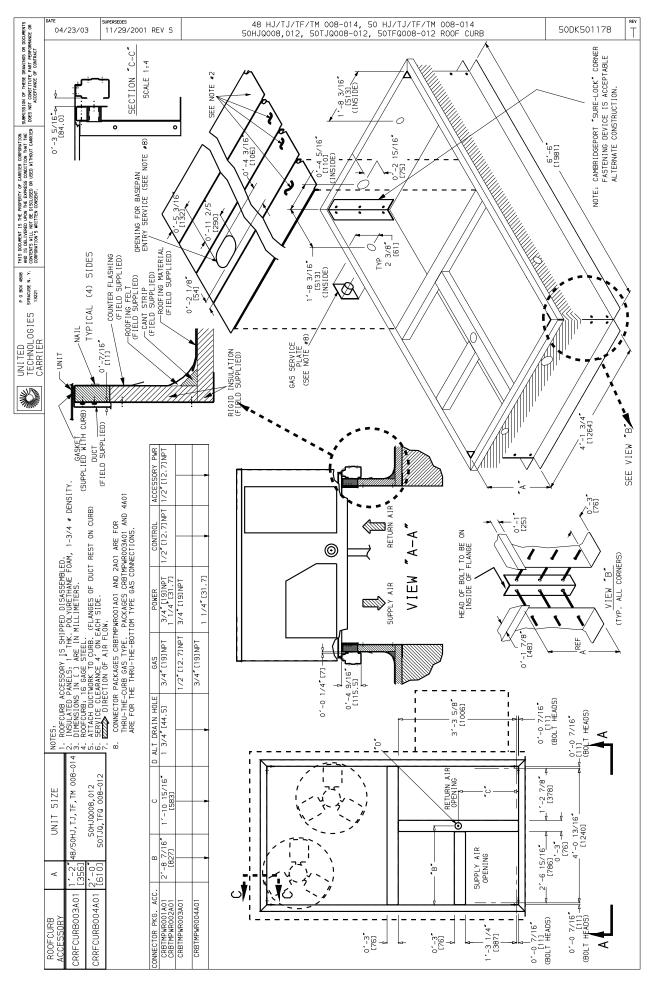






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