



Air Conditioning & Heating

SUBMITTAL DATA FORM

Job Name _____

Location _____

Purchaser _____

Order No. _____

Engineer _____

Unit No. _____

Model No. _____

Unit Designation _____

Performance Data Certified By: _____

CPG SERIES

7½- TO 12½-TON SELF-CONTAINED PACKAGED GAS/ELECTRIC WITH R-410A

Standard Features

- R-410A chlorine-free refrigerant
- TuffTube™ tubular heat exchanger
- High-efficiency scroll compressor
- Two-stage heating / two-stage cooling
- Copper tube / aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter dryer
- Single-point entry
- 24-volt terminal strip
- Convertible
- Easy to service
- Built-in filter rack with standard 2" filters
- Bottom utility entry
- Complies with California NOx emissions standards
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full Perimeter Rail
- Curb Fit

Contents

- Performance Data
- Accessories List
- Certified Dimensions
- Individual Accessories Dimensions



* Complete warranty details available from your local dealer or at www.goodmanmfg.com.



PERFORMANCE DATA

Cooling Performance		
Tota Capacity	_____	MBH
Sensible Capacity	_____	MBH
Outdoor Design TMP	_____	°F DB / WB
Air Temp entering	_____	
Evaporator Coil	_____	°F
Power Input Required (less blower motor)	_____	kW

Heating Performance		
Total Heating Capacity	_____	kW
	_____	BTU/h

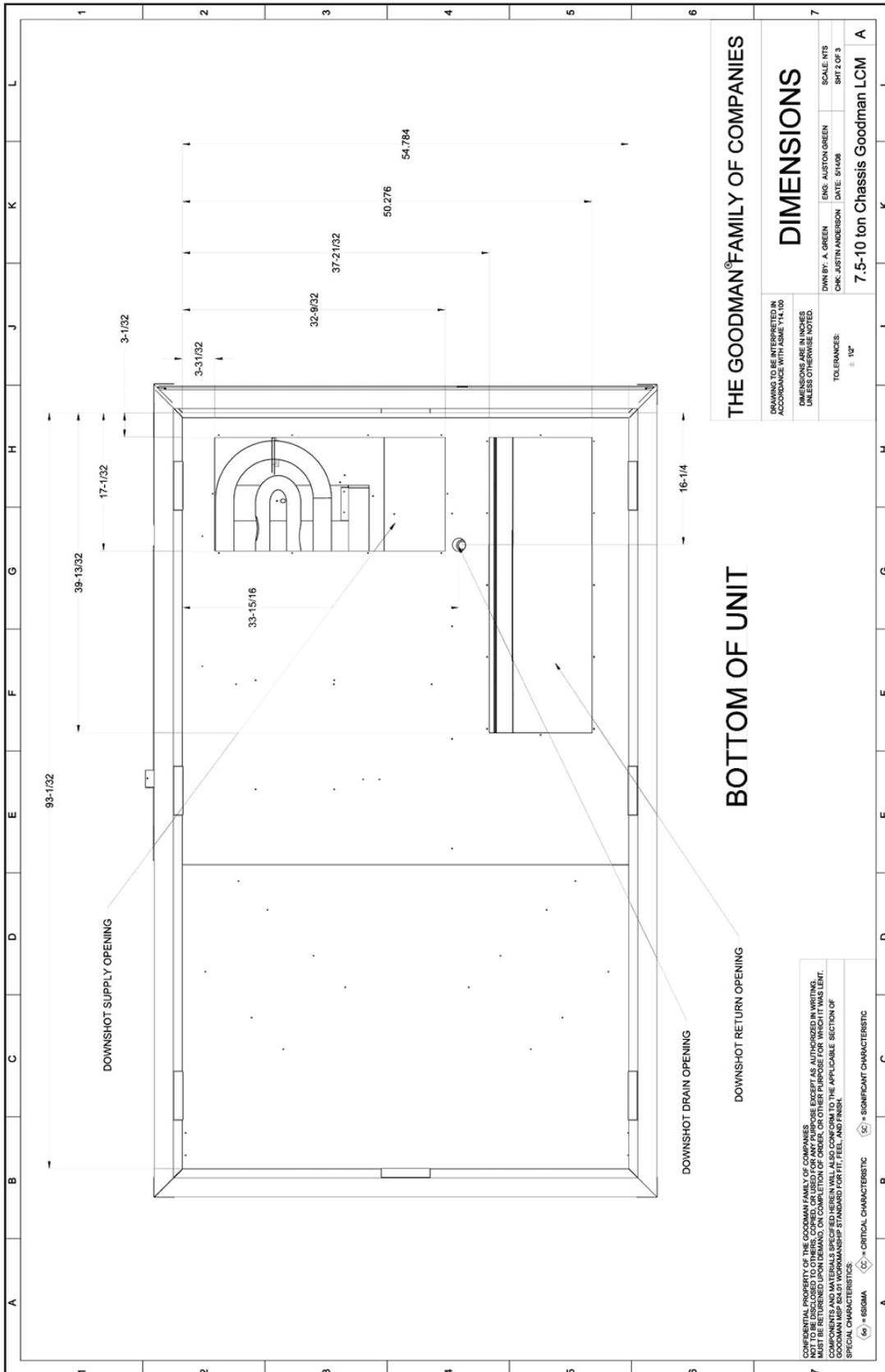
Supply Air Blower Performance		
Total Supply Air	_____	CFM
Ext. Static Pressure	_____	IWG
Blower Speed	_____	RPM
Power Output Required	_____	BHP
Motor Ratings	_____	HP
Power Input Required	_____	kW

Electrical Data		
Power Supply	_____	
Total Unit Amps	_____	Amps
Max Overcurrent Device:		
Fuse	_____	Breaker _____ Amps _____

ACCESSORIES LIST (DIMENSIONS AND SPECIFICATIONS BEGIN ON PAGE 6.)

ITEM #	DESCRIPTION	FITS MODEL SIZES	PACKAGE DIMENSIONS (")	SHIP WEIGHT	v
14CURB90150	Roof Curb 14" Tall	7½-12½ tons	16 x 6 x 94	160	
25FD90150	25% Manual Fresh Air Damper	7½-12½ tons	13 x 15½ x 37½	11	
25MFD90150	25% Motorized Fresh Air Damper	7½-12½ tons	13 x 15½ x 37½	12	
BRD90150	Horizontal Barometric Relief Damper	7½-12½ tons			
CDK120	Concentric Duct Kit	10 tons			
CDK150	Concentric Duct Kit	12½ tons			
CDK90102	Concentric Duct Kit	7½-8½ tons	31 x 48 x 18	55	
DNSQRRND90	Downflow Square-to-Round Adapter: 20" Round	7½ tons	15 x 37½ x 10	16	
DNECONGS90120	Downflow Economizer	7½-0 tons	40 x 20 x 41	135	
HailGD02	Condenser Coil Hail Guard	7½ - 10 tons	64 x 52 x 2		
HAKT36300	High-Altitude Kit	All Models			
HSKT090	High Static Kit	7½ tons			
HSKT120	High Static Kit	10 tons			
HZECONGS90150	Horizontal Economizer	7½-12½ tons	21 x 21 x 48	110	
LPKT36150	LP Conversion Kit	3 - 12½ tons			

CERTIFIED DIMENSIONS — BOTTOM VIEW



THE GOODMAN[®]FAMILY OF COMPANIES

DIMENSIONS

7.5-10 ton Chassis Goodman LCM

DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100 UNLESS OTHERWISE NOTED.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TOLERANCES:
± .12"

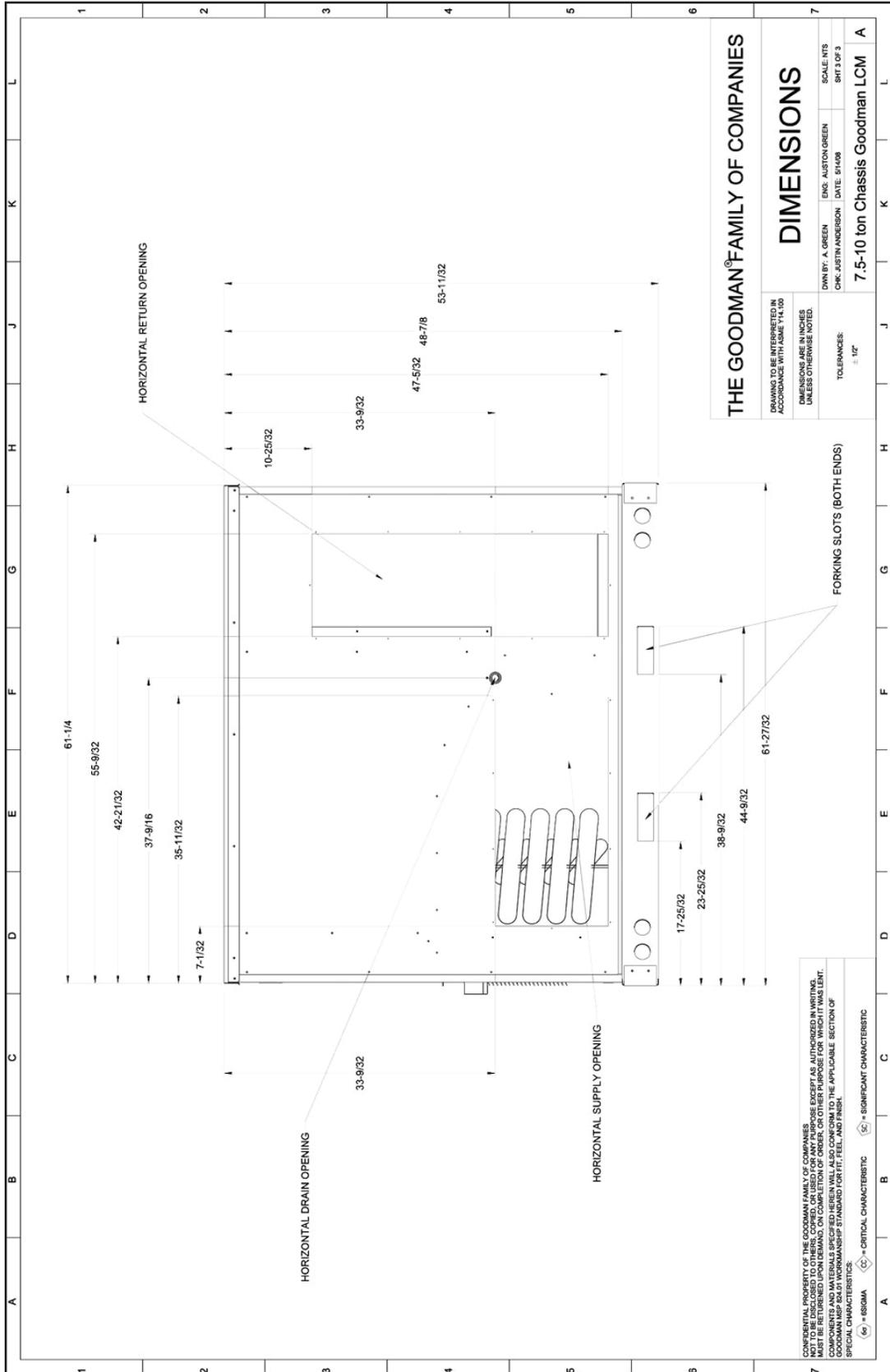
DWN BY: A. GREEN ENGS. AUSTON GREEN SCALE: NTS
CHK: JUSTIN ANDERSON DATE: 9/14/08 SHT 2 OF 3

BOTTOM OF UNIT

CONVENTIONAL PROPERTY OF THE GOODMAN FAMILY OF COMPANIES. NOT TO BE DISCLOSED TO OTHERS, COPIED, OR USED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING. MUST BE RETURNED UPON DEMAND, ON COMPLETION OF ORDER, OR OTHER PURPOSE FOR WHICH IT WAS LENT. GOODMAN HAS A POLICY OF CONTINUOUS IMPROVEMENT AND THEREFORE RESERVES THE RIGHT TO MAKE CHANGES WITHOUT NOTICE. THE APPLICABLE SECTION OF GOODMAN MSP 82.01 WORKMANSHIP STANDARD FOR FIT, FINISH, AND FINISH.

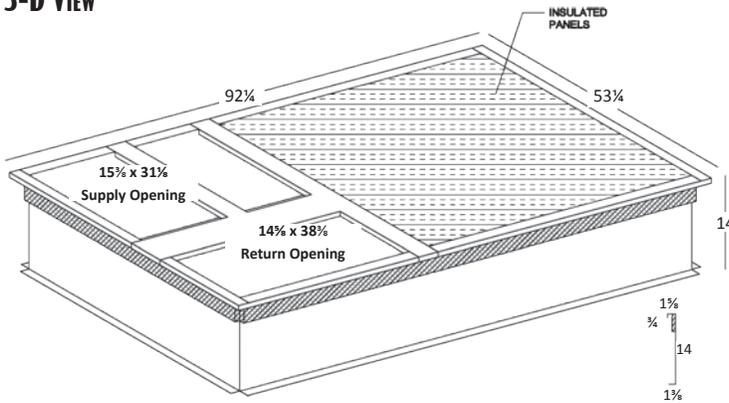
SPECIAL CHARACTERISTICS:
 (90) = ISO 9001 (CC) = CRITICAL CHARACTERISTIC (SC) = SIGNIFICANT CHARACTERISTIC

CERTIFIED DIMENSIONS — END VIEW

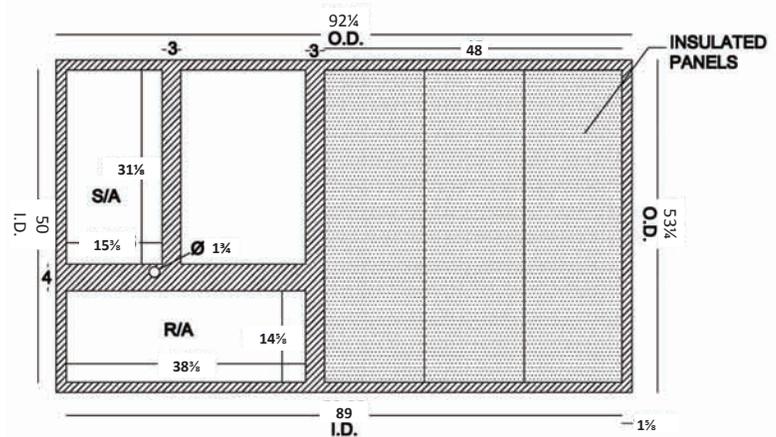


Roof CURB — #14CURB90150

3-D View



TOP VIEW



SPECIFICATIONS

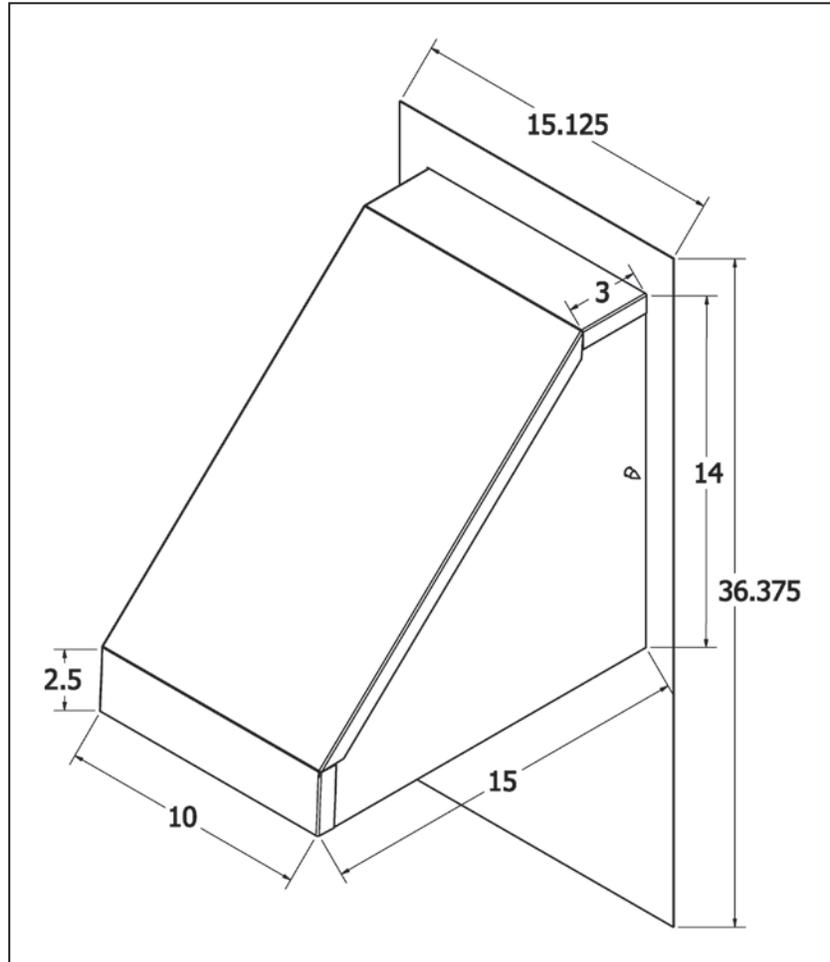
- 18-Gauge Construction
- 1 x 4 Wood Nailer attached to top of the curb
- Shipped knocked down with all hardware
- Gasket included
- Bed-Rail style corners

Note: outside duct dimension should be 1/2" less than opening dimensions above.

No CURB ADAPTER REQUIRED WHEN REPLACING CARRIER & BRYANT MODELS

No curb adapter is required when replacing an existing Carrier or Bryant RTU with a Goodman RTU in the following situations. The footprints and locations of the return and supply ductwork match.

NEW UNIT	EXISTING CARRIER	EXISTING BRYANT
7 1/2 TO 12 1/2 TONS CPC, CPG, CPH	48/50 TJ, LJ, DJ, QJ 48/50TM, HJ 008 - 014	580C-D, 558C-D, 548C-D 580F, 558F, 581B 090 - 150

MANUAL FRESH AIR DAMPER — #25FD90150**MOTORIZED FRESH AIR DAMPER — #25MFD90150****SPECIFICATIONS****Manual Damper**

- Provides up to 25% fresh air
- Locking selection knob provides constant opening
- Painted to match the unit
- Fits all 7½- to 12½-ton package units in all fuels

Motorized Damper

- 24 VAC Damper motor with spring return
- Fully assembled and factory wired
- Painted to match the unit
- Fits all 7½- to 12½-ton package units in all fuels

HAIL GUARD — #HAILGD02

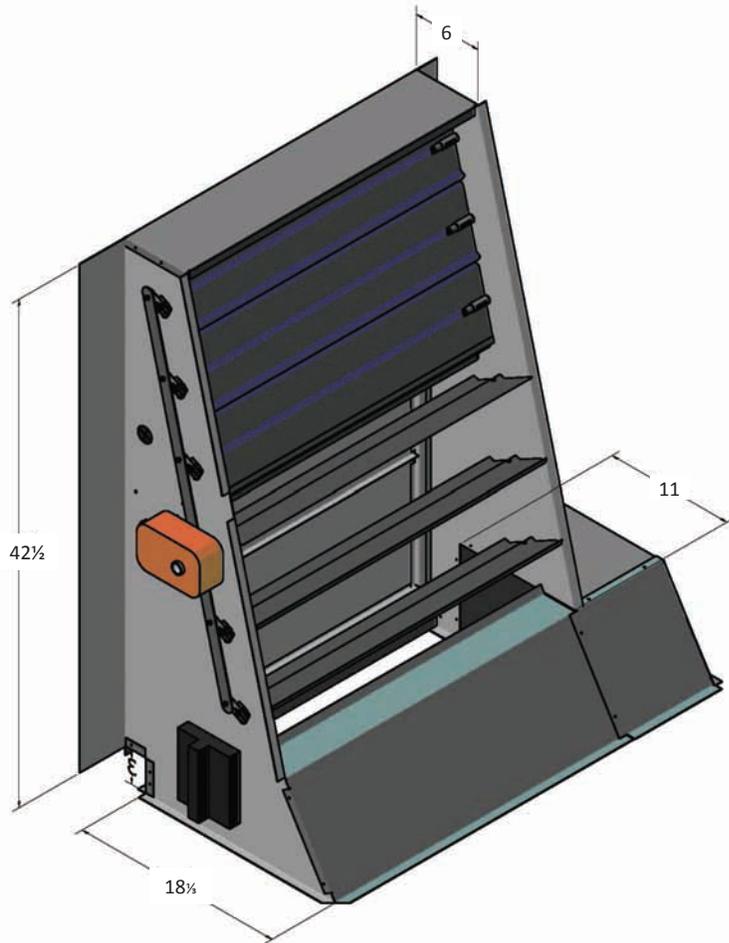


SPECIFICATIONS

- Condenser coil protection
- Prevents hail damage
- Easy to remove and clean
- Powder paint finish

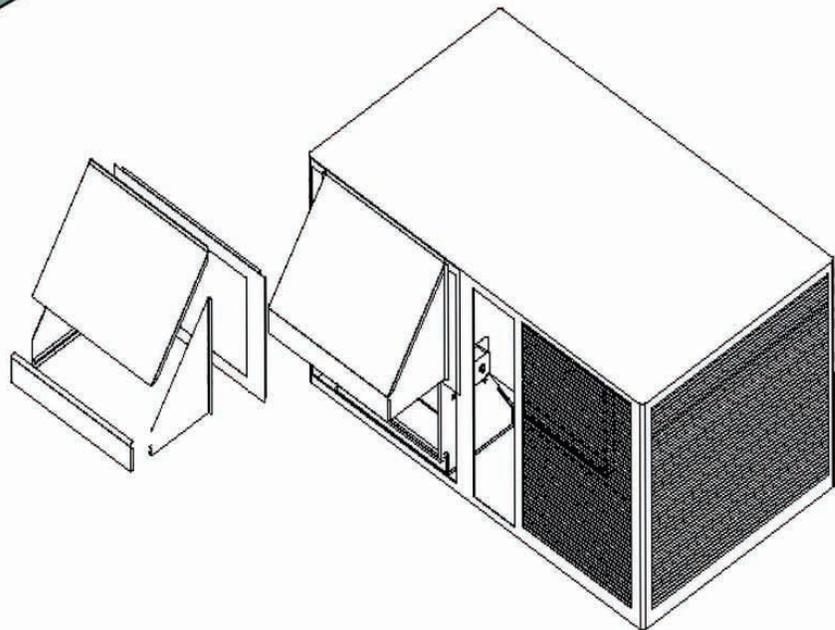
Note: Engineering drawings on following page.

DOWNFLOW ECONOMIZER — #DNECON**90150

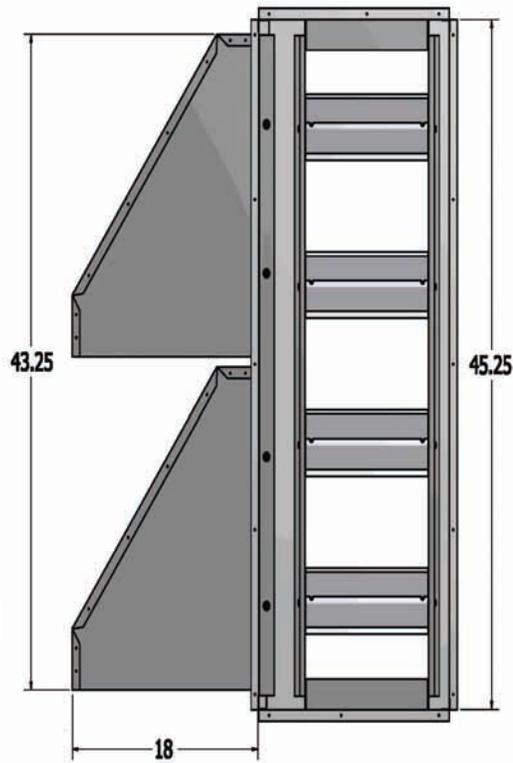
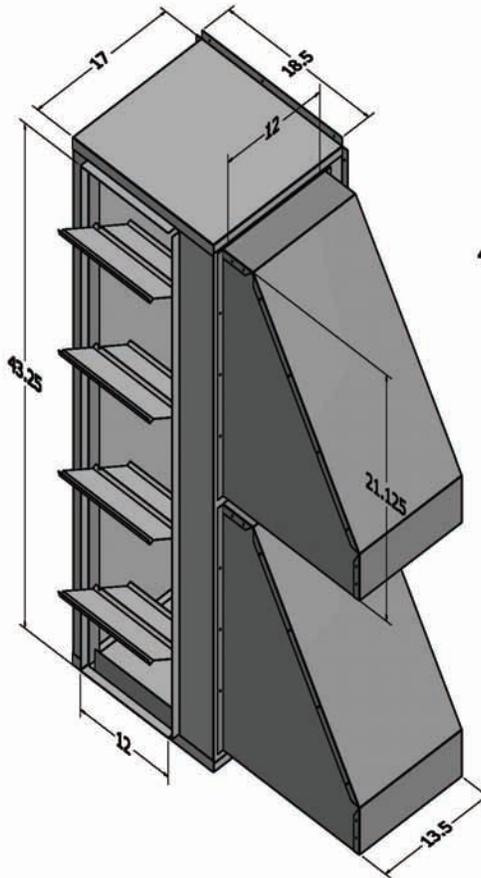


SPECIFICATIONS

- Fully modulating
- Up to 100% fresh air
- Integral barometric relief
- Hoods painted to match unit
- Honeywell economizer control
- Single adjustable enthalpy control convertible to dual enthalpy
- Adjustable minimum fresh air
- Factory wired
- Fits all 7 1/2- to 12 1/2-ton units

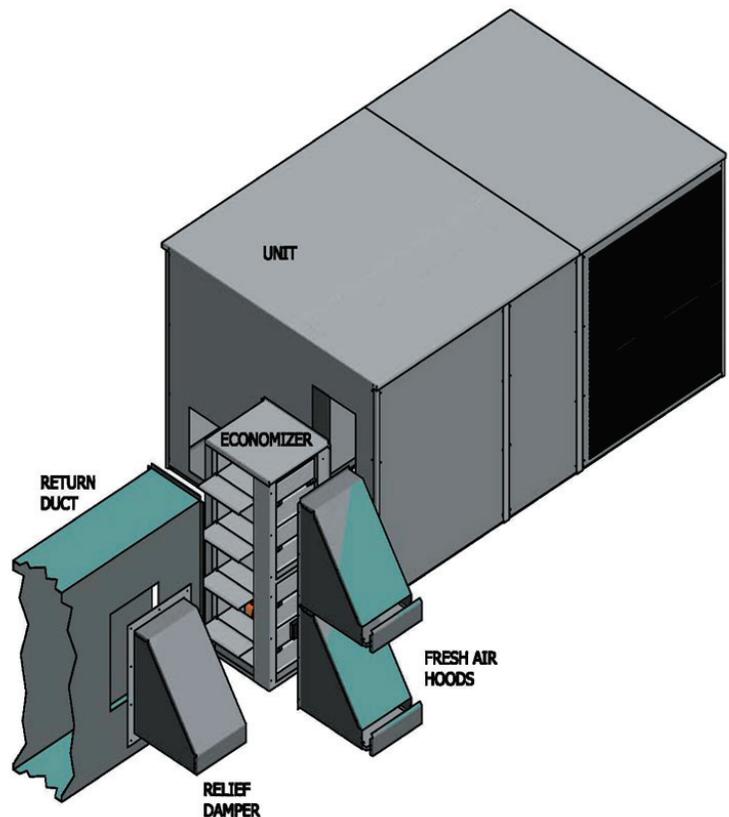


HORIZONTAL ECONOMIZER — #HZECON**90150

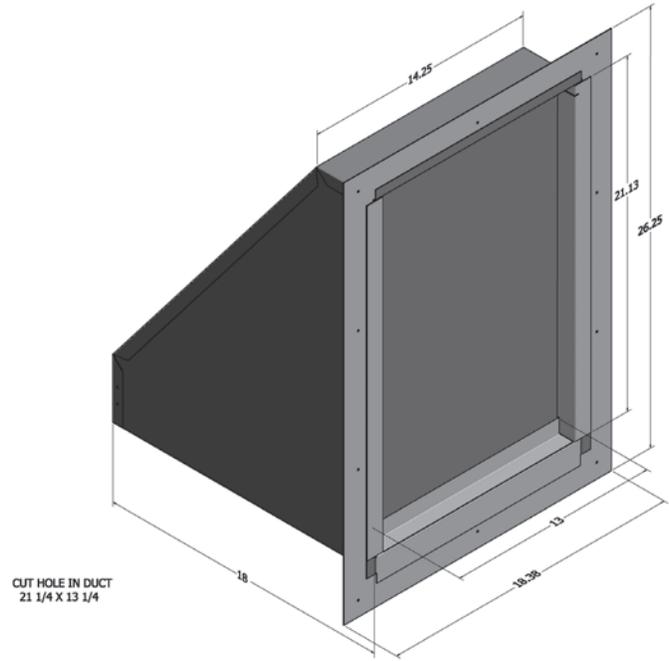


SPECIFICATIONS

- Fully modulating
- Up to 100% fresh air
- Honeywell economizer control
- Single adjustable enthalpy control convertible to dual enthalpy
- Adjustable minimum fresh air
- Factory wired
- Fits all 7½- to 12½-ton units

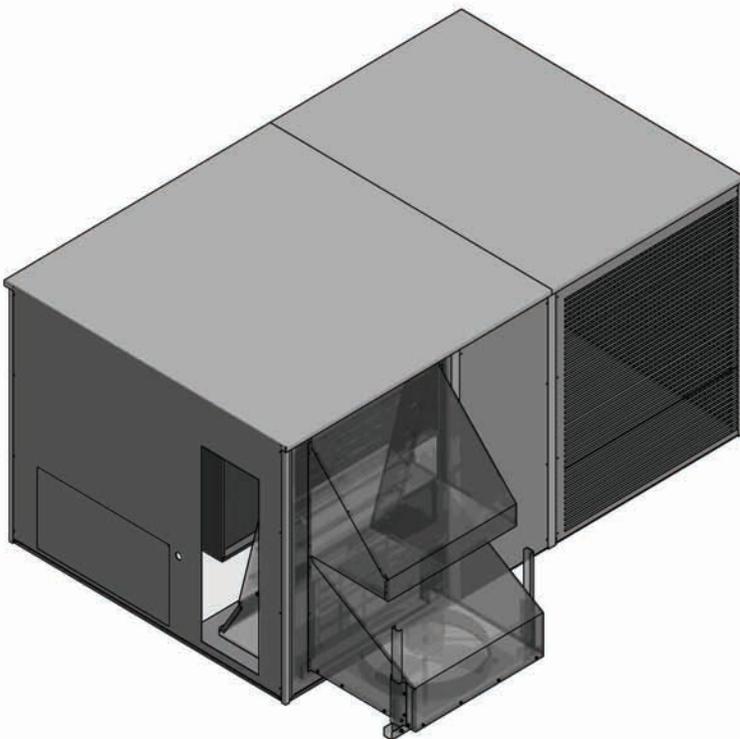


BAROMETRIC RELIEF DAMPER — #BRD90150



POWER EXHAUST FOR 208/230v UNITS — #PE901502

POWER EXHAUST FOR 460v UNITS — # PE901504



CONCENTRIC DUCT KIT — #CDK90102 / #CDK120 / #CDK150



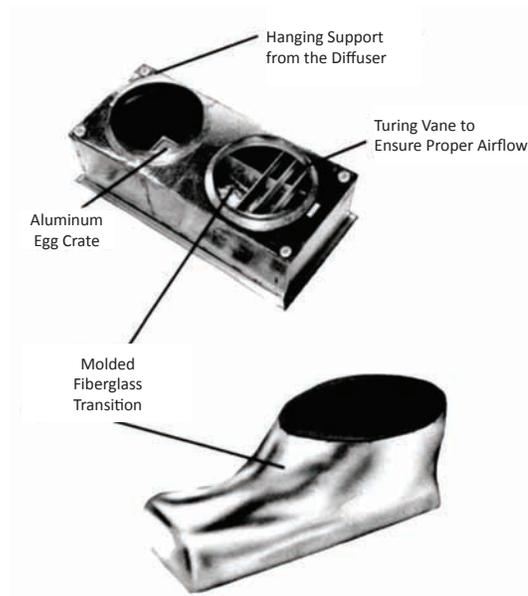
Light Commercial
T-Bar Ceiling



Commercial
T-Bar Ceiling

SPECIFICATIONS

- All-aluminum diffuser with aluminum return air egg crate
- Built-in anti-sweat gasket
- Molded fiberglass transition (through five tons)
- Built-in hanging supports
- Diffuser box constructed of fiberglass duct board (through 7½ tons) or sheet metal



7½-TON SQUARE-TO-ROUND — #DNSQRRND90

