

## FEATURES

- Includes fully modulating economizer. (See Form ECO-89 for economizer specs).
- Access door for motor, blower, and blower drives.
- Adjustable motor sheave.
- Motor with automatic internal thermal protection.
- Modulating option includes fully programmable (factory set) variable frequency drive controlled by a differential pressure transducer designed to continuously monitor space pressure.
- Constant Volume option includes a contactor to control on/off operation by communicating with the economizer logic.

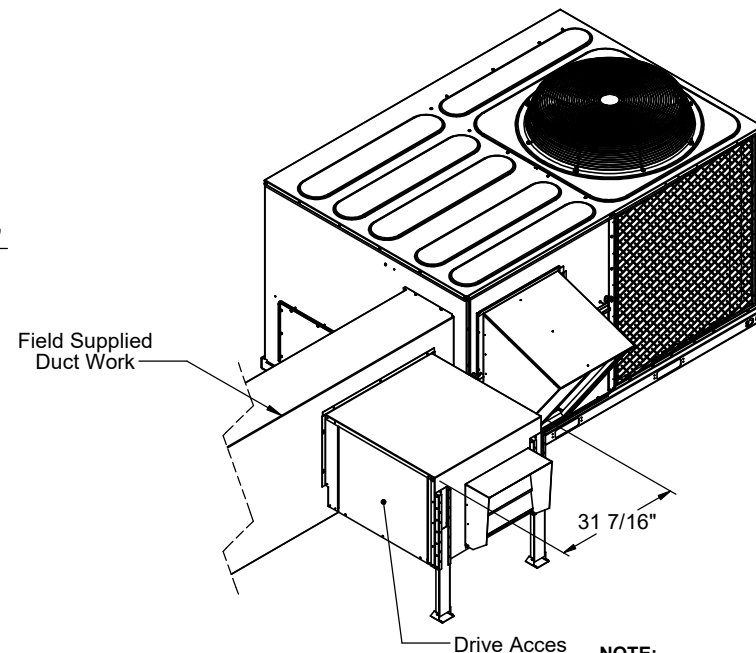
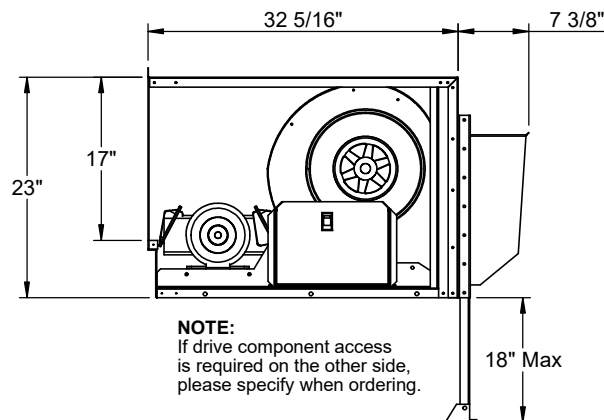
## HORIZONTAL DISCHARGE CENTRIFUGAL POWER EXHAUST AND ECONOMIZER FOR YORK CORE SMALL (SHORT) CABINET UNITS

**ZX, KX 04-06; ZQ, KQ 04-05  
ZY, XY, XQ, ZL, KY, WY, WQ, KL 04**

VOLTAGE	External Static (in. W.G)				FLA	Hp	Wt
	0.1	0.2	0.3	0.4			
230V/3Ph	2,400 cfm	2,200 cfm	2,000 cfm	1,800 cfm	3.2	1	248 Lbs. (Includes Economizer)
460V/3Ph					1.6		
208/230 1Ph-M					5.54		
208/230 1Ph-C					7.25		

### PLEASE NOTE:

- Return air duct, dampers, return air grills are specific for each unit.
- For proper electrical wire sizing, Provent power exhaust full load amps need to be added to equation.



**NOTE:**  
Based on field supporting of duct, P.E. may require additional field support.

Ruskin Company Model CD-60 is AMCA Certified



3847 WABASH DRIVE  
MIRA LOMA, CA 91752

PHONE (951) 685-1101  
FAX (619) 872-9799

SUBMITTED TO: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
JOB NAME: \_\_\_\_\_  
EQUIPMENT: \_\_\_\_\_  
NOTES: \_\_\_\_\_

FORM NO:  
PE-61

DATE:  
4/30/2025

PART NUMBER:  
PEHCPRSS SERIES

REV:  
7

DRAWN BY:  
CNG

## ProVent P/N

### CONSTANT VOLUME

**PEHCPRSSDB06C**  
208/230V 1Ph Selectable Dry Bulb

**PEHCPRSSSEN06C**  
208/230V 1Ph Enthalpy

**PEHCPRSSDB25C**  
208/230V 3Ph Selectable Dry Bulb

**PEHCPRSSSEN25C**  
208/230V 3Ph Enthalpy

**PEHCPRSSDB46C**  
460V 3Ph Selectable Dry Bulb

**PEHCPRSSSEN46C**  
460V 3Ph Enthalpy

### MODULATING

**PEHCPRSSDB06M**  
208/230V 1Ph Selectable Dry Bulb

**PEHCPRSSSEN06M**  
208/230V 1Ph Enthalpy

**PEHCPRSSDB25M**  
208/230V 3Ph Selectable Dry Bulb

**PEHCPRSSSEN25M**  
208/230V 3Ph Enthalpy

**PEHCPRSSDB46M**  
460V 3Ph Selectable Dry Bulb

**PEHCPRSSSEN46M**  
460V 3Ph Enthalpy

### FEATURES

- CA Title 24 Compliant. (includes FDD)
- Direct coupled style actuator standard.
- Stainless steel damper side seals.
- AMCA certified CD-60 Airfoil dampers blades.
- Meets leakage rate as required by ASHRAE 90.1.
- External linkage system.
- Mechanically secured outside air intake filter.
- Capable of introducing up to 100% outdoor air.
- Metal Filter Included: 23" x 5" x 7/8" (exact)

### FEATURES (When Ordered With Control Options)

- Fully modulating damper controls with Enthalpy, Dry bulb and differential temperature sensor options.
- Selectable economizer changeover temperature set point.
- Requires part number 6210-0046 for Dual Enthalpy.
- CO2 compatible with DCV.

Wall or duct mounted CO2 sensor provided as option:

- CO2WM - Wall Mount
- CO2DM - Duct Mount



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### HORIZONTAL DISCHARGE ECONOMIZER WITH BAROMETRIC RELIEF FOR YORK CORE UNITS:

**ZX 04-07; XY, ZY, ZQ, XQ 04-06; ZL 04-06; XXA7, ZXA7  
KX 04-07; WY, KY, KQ, WQ 04-06; KL 04-06; WXA7, KXA7**

**\*\* INCLUDES CENTER POST AND FILTER ACCESS PANEL \*\***

### York Model

ZX, KX 04-06;  
XY, ZY, XQ, ZL 04  
WY, KY, WQ, KL 04  
ZQ, KQ 04-05

ZX, KX 07;  
XY, ZY, XQ, ZL 05-06  
WY, KY, WQ, KL 05-06  
ZQ, KQ 06; XXA7,  
ZXA7, WXA7, KXA7

### ProVent P/N

**ECOHPRSSDB**  
(Fully Modulating Dry Bulb)

**ECOHPRSSEN**  
(Fully Modulating Enthalpy)

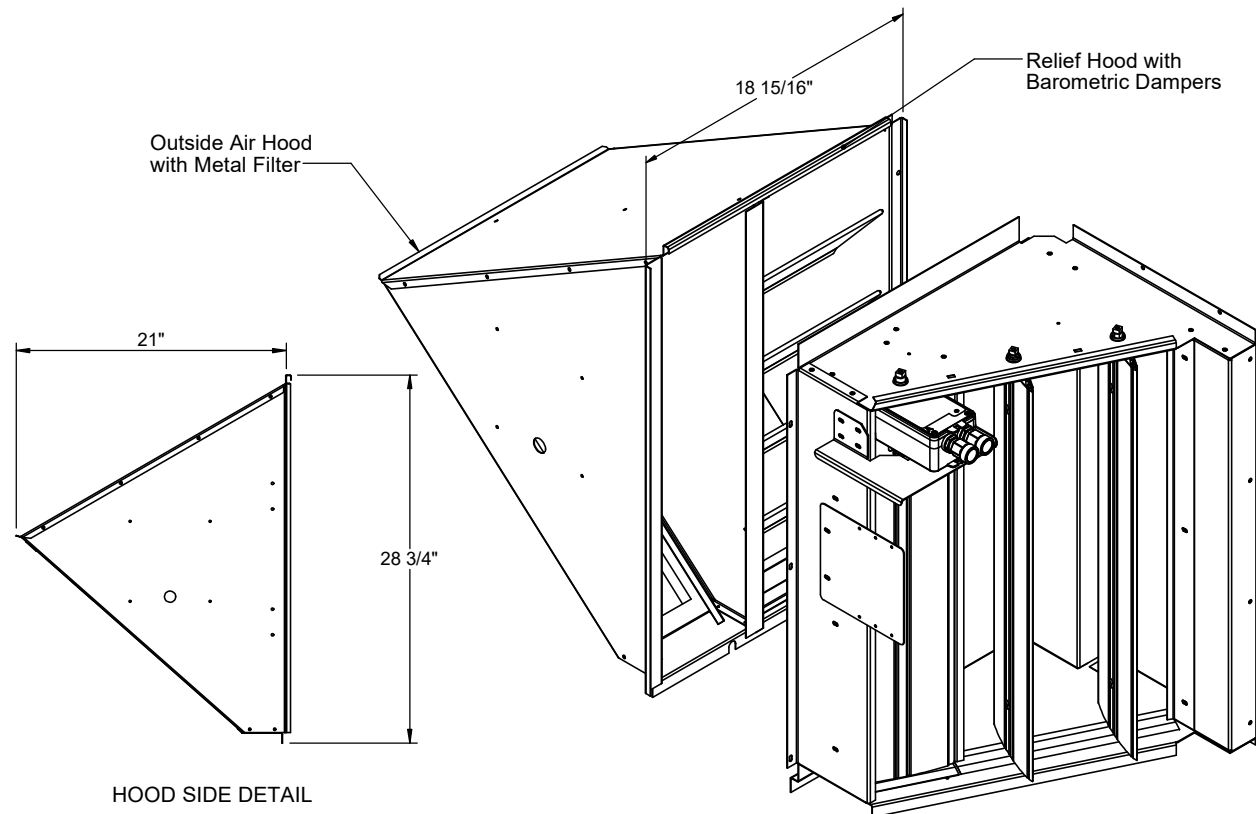
**ECOHPRSSAC**  
(Actuator Only)

**ECOHPRSTDB**  
(Fully Modulating Dry Bulb)

**ECOHPRSTEN**  
(Fully Modulating Enthalpy)

**ECOHPRSTAC**  
(Actuator Only)

81 Lbs.



HOOD SIDE DETAIL



3847 WABASH DR.  
MIRA LOMA, CA 91752

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FAX (619) 872-9799

SUBMITTED TO: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
JOB NAME: \_\_\_\_\_  
EQUIPMENT: \_\_\_\_\_  
NOTES: \_\_\_\_\_

FORM NO:

ECO-89

DATE:

7/24/2024

PART NUMBER:

ECOHPRS Series

REV:

12

DRAWN BY:

CNG