## **FEATURES**

- Includes fully modulating economizer. (See Form ECO-200 for Economizer Specs).
- · LEED economizer option.
- · Access 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 continuosly monitor space pressure.
- Constant Volume option includes a contactor to controls on/off operation by communicating with the economizer logic.

# HORIZONTAL DISCHARGE CENTRIFUGAL POWER EXHAUST AND ECONOMIZER FOR SSE YORK UNITS

ZH, ZF, ZR 102-150; ZJ, XP, ZT, ZB, KJ, WP, KT, KB 078-150

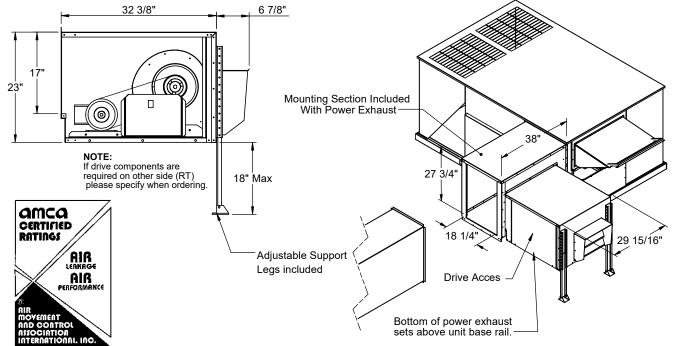
VOLTAGE	External Static (in. W.G)				FLA	Ηр	Wt
	0.1	0.2	0.3	0.4			
230V/3Ph	4,200 cfm	4,000 cfm	3,900 cfm	3,800 cfm	5.6	238 Lbs.	
460V/3Ph					2.8	2	(Includes Economizer)

ProVent P/N				
CONSTANT VOLUME	MODULATING			
PEHCPRDLCDB25CS 208/230V 3Ph Selectable Dry Bulb	PEHCPRDLCDB25MS 208/230V 3Ph Selectable Dry Bulb			
PEHCPRDLCEN25CS 208/230V 3Ph Enthalpy	PEHCPRDLCEN25MS 208/230V 3Ph Enthalpy			
PEHCPRDLCDB46CS 460V 3Ph Selectable Dry Bulb	PEHCPRDLCDB46MS 460V 3Ph Selectable Dry Bulb			
PEHCPRDLCEN46CS 460V 3Ph Enthalpy	PEHCPRDLCEN46MS 460V 3Ph Enthalpy			

Note: For factory installed LEED economizer / power exhaust option, part number, FLOWECPRD3715, must be added.

# **PLEASE NOTE:**

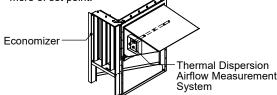
- 1. Return air duct, dampers, return air grills are specific for each unit.
- 2. For proper electrical wire sizing, Provent power exhaust full load amps need to be added to equation.



# Ruskin Company Model CD-60 is AMCA Certified

### **LEED ECONOMIZER / POWER EXHAUST OPTION**

- ProVent P/N: FLOWECPRD3715
- Outside air measurement for dilution utilizing thermal dispersion technology and ASHRAE 62.1 compliant. Provides LEED credit by supplying feedback on ventilition system performance ensuring that the ventilation system maintains design requirements.
- Factory installed onto economizer/power exhaust standard.
- Provides analog outputs for BMS, visual or audible alert, and generates an alarm when conditions vary by 10% or more of set point.



ProVent

3847 WABASH DR. MIRA LOMA, CA 91752

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

SORWILED IO:	FORM NO:	PARINU	IMBER:	
COMPANY:	PE-90	PEHCPR	PEHCPRDLCS SERIES	
JOB NAME:	DATE:	DE)/	DDAMAI DV.	
EQUIPMENT:	DATE: 5/2/2025	REV:	DRAWN BY: CNG	
NOTES:	31212023	7	CING	

#### **FEATURES**

- CA Title 24 Compliant.
- · 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:

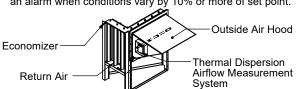
25-1/2" x 26-3/8"x 7/8" (exact) for Large cabinet 18-3/8" x 26-3/8" x 7/8" (exact) for Small cabinet

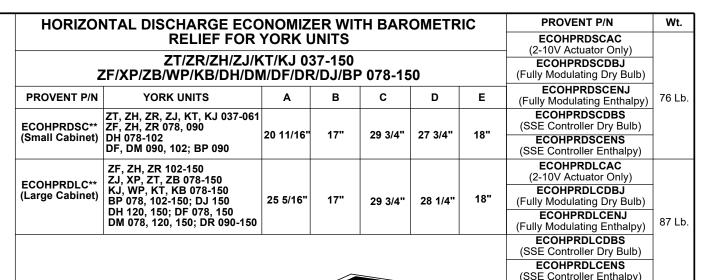
#### **FEATURES (When Ordered With Control Options)**

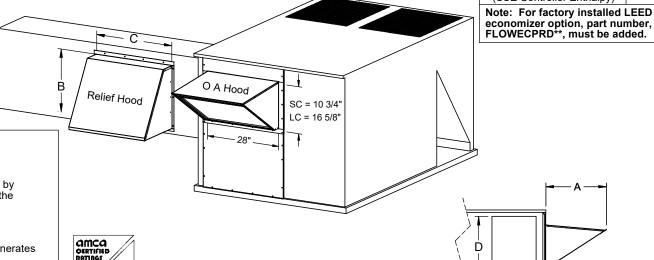
- Controls are FDD Compliant
- Fully modulating damper controls with enthalpy, dry bulb and differential temperature sensor options.
- Selectable economizer changeover temperature set point.
- Requires part number 6210-0046 for Dual Enthalpy.
- DCV standard for CO2 controls.
  Wall or duct mounted CO2 sensor provided as option:
   CO2WM Wall Mount
   CO2DM Duct Mount

### **LEED ECONOMIZER OPTION**

- ProVent P/N: FLOWECPRDSC or FLOWECPRDLC
- Outside air measurement for dilution utilizing thermal dispersion technology and ASHRAE 62.1 compliant. Provides LEED credit by supplying feedback on ventilition system performance ensuring the ventilation system maintains design requirements.
- Factory or field installed in economizer OA hood.
- Provides analog outputs for BMS, visual or audible alert, and generates an alarm when conditions vary by 10% or more of set point.









Ruskin Company Model CD-60 is AMCA Certified

ProVent

3847 WABASH DR. MIRA LOMA, CA 91725

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

SUBMITTED TO:	FORM NO:	PART NUMBER:	
COMPANY:	ECO-200	ECOHPRD Series	
JOB NAME:	DATE: 12/10/2024	<b>REV</b> :	DRAWN BY: CNG
NOTES:	12/10/2024	11	CNG

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