

- FEATURES**
- Includes fully modulating economizer. (See Form ECO-503 for Economizer Specs).
 - CO2 controller standard on economizer. Space or duct mounted CO2 sensor provided as option:
 - CO2WM - Wall Mount With LED
 - CO2DM - Duct Mount
 - LEED economizer option.
 - Direct drive axial fan.
 - Modulating option includes fully programmable (factory set) variable frequency drive controlled by a differential pressure transducer designed to continuously monitor space pressure.

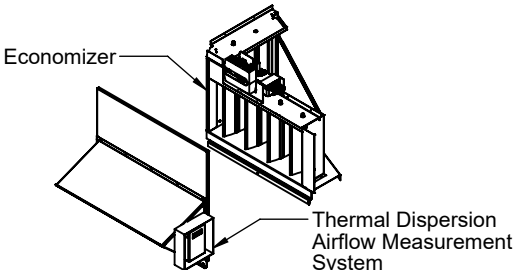
**HORIZONTAL DISCHARGE AXIAL
POWER EXHAUST AND ECONOMIZER FOR YORK UNITS
P***B CABINET UNITS**

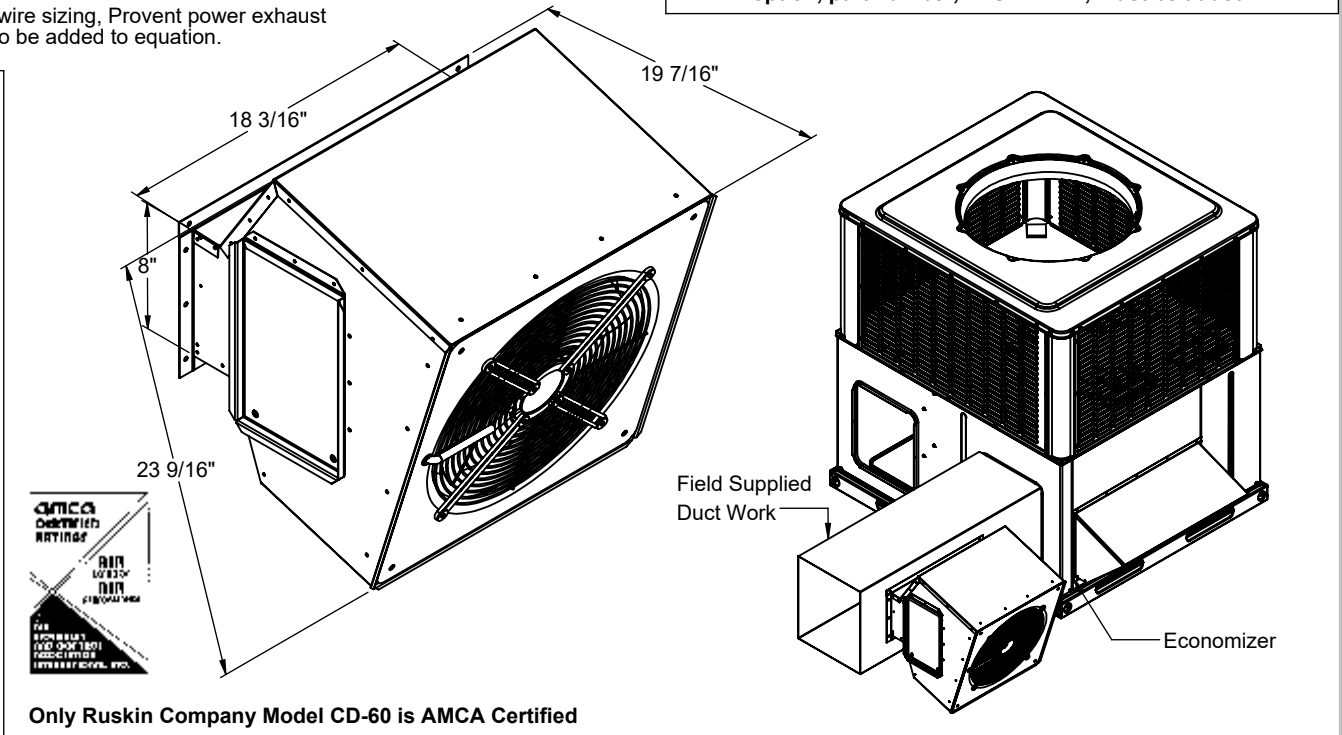
VOLTAGE	External Static (in. W.G)					FLA	Wt
	0.1	0.2	0.3	0.4	0.5		
230V/1Ph	1,500	1,375	1,250	1,150	900	1.44	86 Lbs. (Includes Economizer)
230V/3Ph						0.83	
460V/3Ph						0.80	


- 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.

ProVent P/N	
CONSTANT VOLUME	MODULATING
PEHALXLDB06C 208/230V 1Ph Selectable Dry Bulb	PEHALXLDB06M 208/230V 1Ph Selectable Dry Bulb
PEHALXLEN06C 208/230V 1Ph Enthalpy	PEHALXLEN06M 208/230V 1Ph Enthalpy
PEHALXLDB25C 208/230V 3Ph Selectable Dry Bulb	PEHALXLDB25M 208/230V 3Ph Selectable Dry Bulb
PEHALXLEN25C 208/230V 3Ph Enthalpy	PEHALXLEN25M 208/230V 3Ph Enthalpy
PEHALXLDB46C 460V 3Ph Selectable Dry Bulb	PEHALXLDB46M 460V 3Ph Selectable Dry Bulb
PEHALXLEN46C 460V 3Ph Enthalpy	PEHALXLEN46M 460V 3Ph Enthalpy

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

- LEED ECONOMIZER / POWER EXHAUST OPTION**
- ProVent P/N: FLOWECLX
 - Outside air measurement for dilution utilizing thermal dispersion technology and ASHRAE 62.1 compliant. Provides LEED credit by supplying feedback on ventilation 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.
- 
- Economizer
- Thermal Dispersion Airflow Measurement System



	3847 WABASH DRIVE MIRA LOMA, CA 91752	SUBMITTED TO: _____	FORM NO: PE-45	PART NUMBER: PEHALXL SERIES for ECOHLXL_1	
	PHONE (951) 685-1101 FAX (619) 872-9799	COMPANY: _____	JOB NAME: _____	DATE: 4/19/2024	REV: M
		EQUIPMENT: _____	NOTES: _____		

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.
- Relief hood provided for horizontal duct mount.
- Metal Filter 25-1/2" x 11"x 1" included.

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.
- CO2 controller standard.

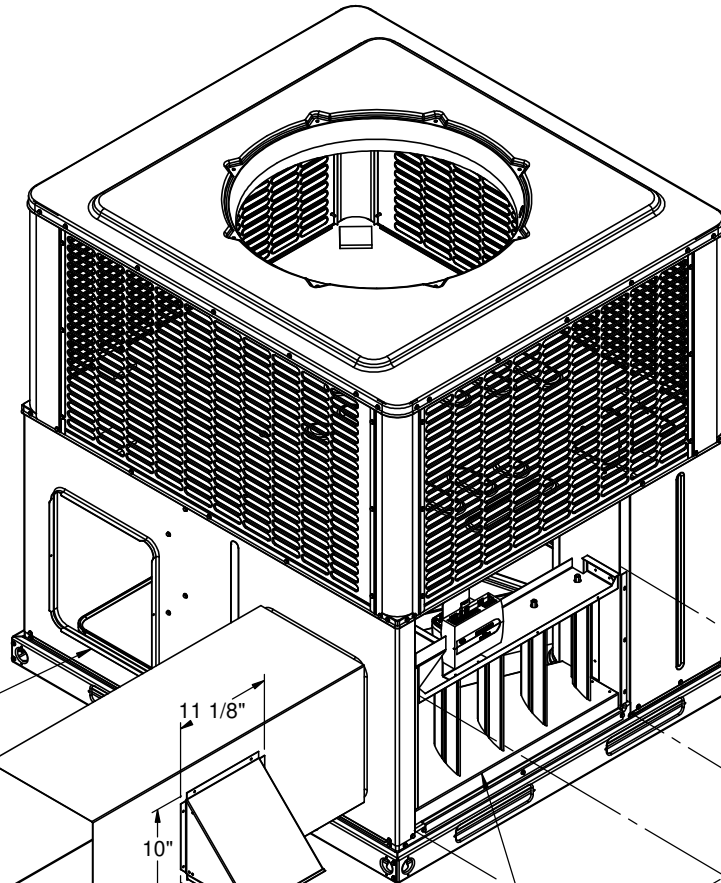
Wall or duct mounted CO2 sensor provided as option:

- CO2WM - Wall Mount
- CO2DM - Duct Mount



HORIZONTAL ECONOMIZER WITH BAROMETRIC RELIEF FOR YORK UNITS

P***B ALL MODELS



Supply Opening

11 1/8"

10"

Return Ductwork

8 15/16"

R/A Hood

ECOHLXL-1

RTU Filter Access Panel

28 1/2"

12 11/16"

15 7/8"

O/A Hood

ProVent P/N	Wt.
ECOHLXLAC1 (Actuator Only, 2-10 VDC)	53 Lb.
ECOHLXLDB1 (Fully Modulating Dry Bulb)	
ECOHLXLEN1 (Fully Modulating Enthalpy)	
Note: For factory installed LEED economizer option, part number FLOWECLXL must be added.	



3847 WABASH DRIVE
MIRA LOMA, CA 91725

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

SUBMITTED TO: _____
 COMPANY: _____
 JOB NAME: _____
 EQUIPMENT: _____
 NOTES: _____

FORM NO:

-

DATE:
6/26/2020

PART NUMBER:

ECOHLXL-1 Series

REV:
1

DRAWN BY:
JG