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 continuosly monitor space pressure.
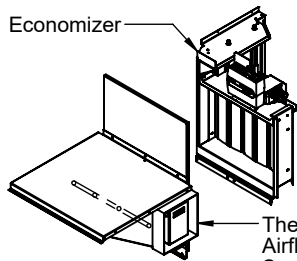
HORIZONTAL DISCHARGE AXIAL
POWER EXHAUST AND ECONOMIZER FOR YORK UNITS
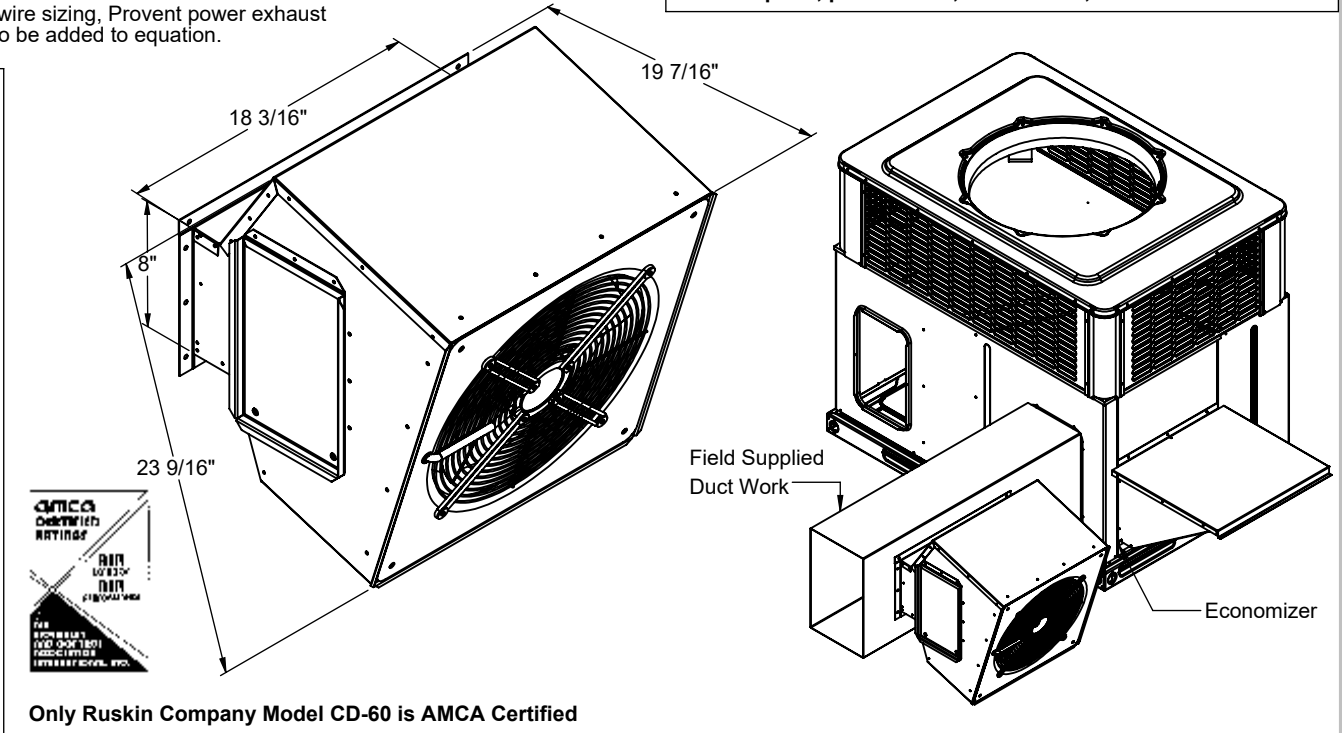## P***A CABINET UNITS

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

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.

ProVent P/N

CONSTANT VOLUME	MODULATING
PEHALXSDB06C 208/230V 1Ph Selectable Dry Bulb	**PEHALXSDB06M** 208/230V 1Ph Selectable Dry Bulb
PEHALXSEN06C 208/230V 1Ph Enthalpy	**PEHALXSEN06M** 208/230V 1Ph Enthalpy
PEHALXSDB25C 208/230V 3Ph Selectable Dry Bulb	**PEHALXSDB25M** 208/230V 3Ph Selectable Dry Bulb
PEHALXSEN25C 208/230V 3Ph Enthalpy	**PEHALXSEN25M** 208/230V 3Ph Enthalpy
PEHALXSDB46C 460V 3Ph Selectable Dry Bulb	**PEHALXSDB46M** 460V 3Ph Selectable Dry Bulb
PEHALXSEN46C 460V 3Ph Enthalpy	**PEHALXSEN46M** 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 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.

Economizer

Thermal Dispersion Airflow Measurement System

18 3/16"

19 7/16"

8"

23 9/16"

AMCA Certified RATINGS

Field Supplied Duct Work

Economizer

Only Ruskin Company Model CD-60 is AMCA Certified

SUBMITED TO: _____

COMPANY: _____

JOB NAME: _____

EQUIPMENT: _____

NOTES: _____

FORM NO:	PART NUMBER:
PE-44	PEHALXS SERIES for ECOHLXS_1
DATE: 4/19/2024	**REV:** M	**DRAWN BY:** CNG

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 19"x 16"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.

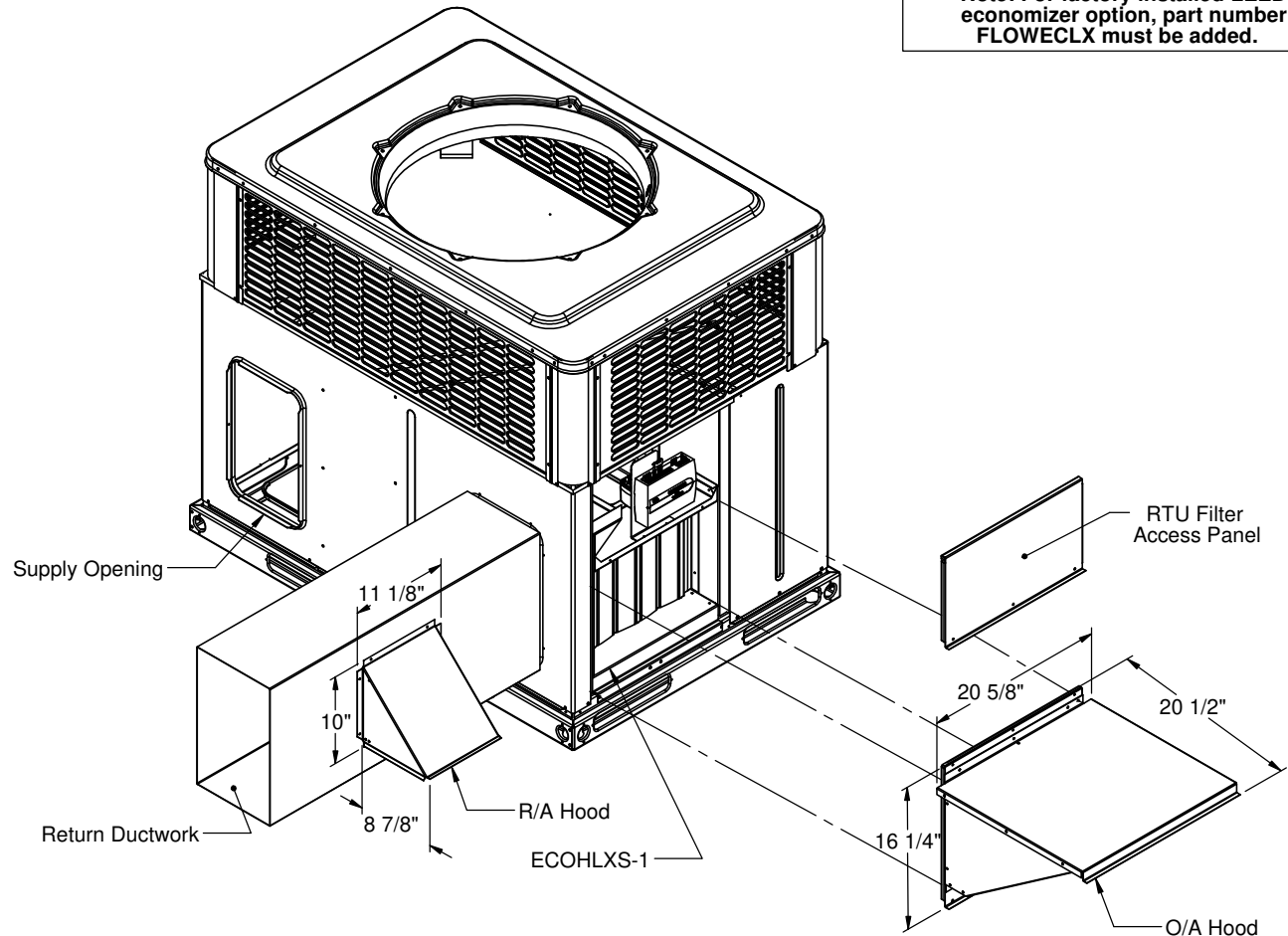 Wall or duct mounted CO2 sensor provided as option:

  - CO2WM - Wall Mount
  - CO2DM - Duct Mount

AMCA CERTIFIED RATINGS

AIR LEAKAGE
AIR PERFORMANCE

AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC.

HORIZONTAL ECONOMIZER WITH BAROMETERIC RELIEF FOR YORK UNITS

P***A CABINETS

ProVent P/N	Wt.
ECOHLXSAC1 (Actuator Only, 2-10 VDC)	
ECOHLXSDB1 (Fully Modulating Dry Bulb)	39 Lb.
ECOHLXSEN1 (Fully Modulating Enthalpy)	

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

Supply Opening

11 1/8"

10"

8 7/8"

Return Ductwork

R/A Hood

ECOHLXS-1

20 5/8"

20 1/2"

16 1/4"

RTU Filter Access Panel

O/A Hood

SUBMITED TO:	FORM NO:	PART NUMBER:
COMPANY:	-	ECOHLXS-1 Serie
JOB NAME:		
EQUIPMENT:	DATE: 3/22/2021	REV: M1	DRAWN BY: CNG
NOTES:		