

NON-DDC ECONOMIZER WITH SINGLE ENTHALPY (HORIZONTAL) RUSKIN ROOFTOP SYSTEMS ECONOMIZER WITH SIEMENS CONTROLS Field-Installed Only

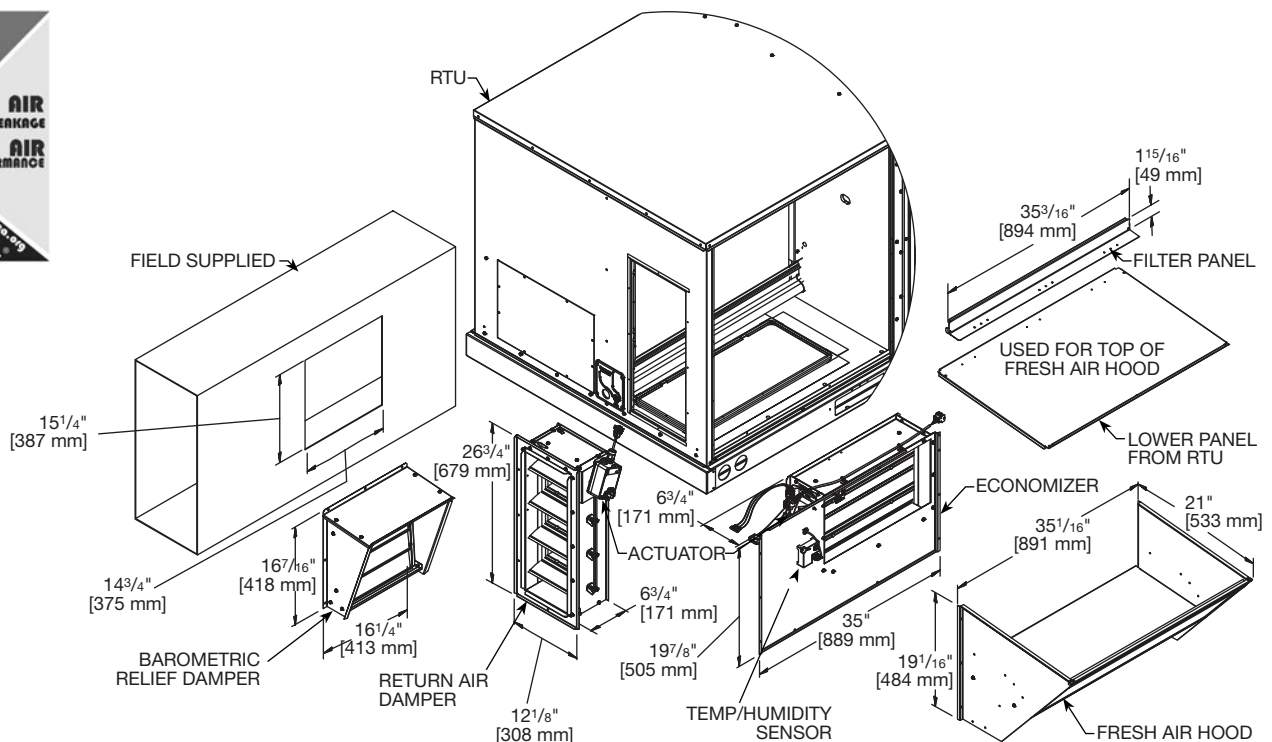
RXRD-51MCHAM3

PD555460—Dual Enthalpy, Temperature and Humidity Sensor (for Siemens)

RXXR-AR02—Sensor, Carbon Dioxide (Wall Mount)

These ultra-low leak economizer dampers meet the following minimum construction standards:

1. Frame shall be 14 to 24 gauge galvanized steel channel.
2. Damper blades are galvanized steel airfoil shaped, double skin construction of 14 gauge [2.0] equivalent thickness, 6" [152 mm] wide.
3. Blade edge seals shall be Ruskiprene type or equivalent suitable for -72°F [-60°C] to +275°F [+135°C] mechanically locked into the blade edge. Adhesive or clip-on type seals are unacceptable.
4. Jamb seals shall be flexible metal, compression type to prevent leakage between blade end and damper frame. Blade end overlapping frame is unacceptable.
5. Bearings shall be stainless steel or nylon bushing.
6. Axles shall be hexagonal positively locked into the damper blade.
7. Drive mechanism shall be concealed out of airstream to reduce pressure drop and noise.
8. Economizer damper is tested and rated based upon AMCA Publication 500-D.
9. Controls feature the Siemens controller and actuator. Controls capable of Economizer Fault Detection and Diagnostics for code compliance.
10. Damper shall meet the leakage requirements of the International Energy Conservation Code by leaking less than 3 cfm/sq. ft. at 1" of static pressure and shall be AMCA licensed as a class 1A damper. Complies with reliability and performance requirements as specified by the California Energy Commission's Title 24 Standard and ASHRAE 90.1 2022. Economizer dampers shall be Ruskin Rooftop Systems ECD60 model.
11. Can be Converted to DDC Operation with the Economizer Universal DDC Interface Kit (RXXR-DDC01).



[] Designates Metric Conversions

ECONOMIZER UNIVERSAL DDC INTERFACE KIT

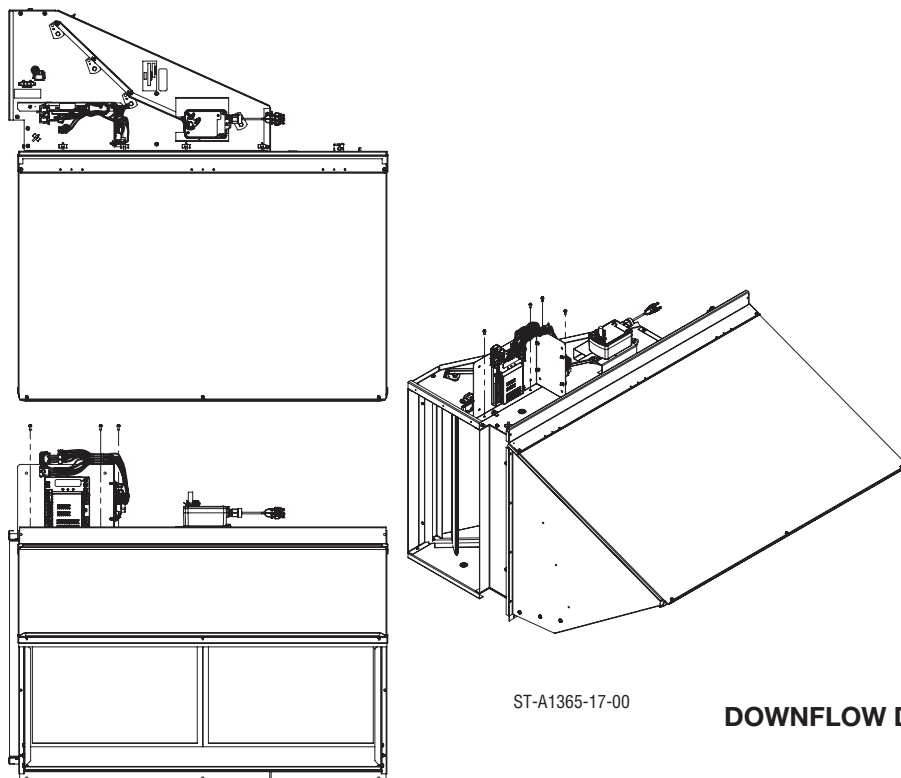
Factory or Field-Installed

RXXRX-DDC01

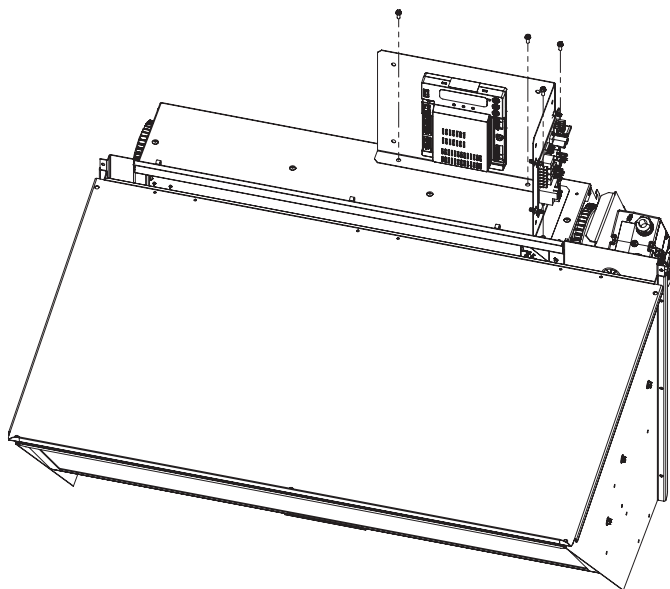
- Allows any Non-DDC Economizer to be used with a ClearControl DDC model
- Mounts on the Economizer
- Provides Mounting location for Economizer Controller
- Provides wire management for excess wire
- Does not have to be selected individually. This accessory will be included with the factory installed economizer for a DDC unit if required.

NOTE: Older DDC Models, prior to A2L, may require a field update to the ClearControl Software. The minimum version required is 3.15. Models with R-454B refrigerant come with software version 4.0 or higher.

HORIZONTAL FLOW DDC BRACKET SETUP



DOWNFLOW DDC BRACKET SETUP

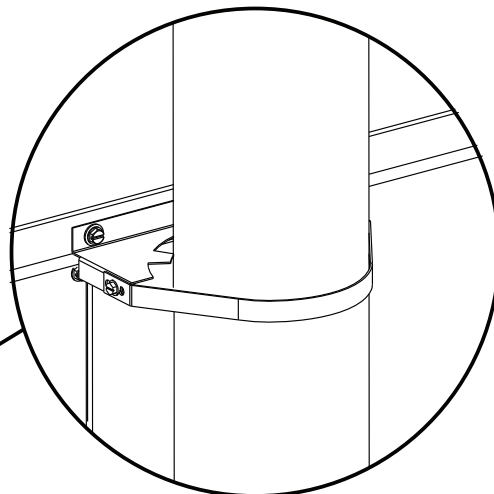
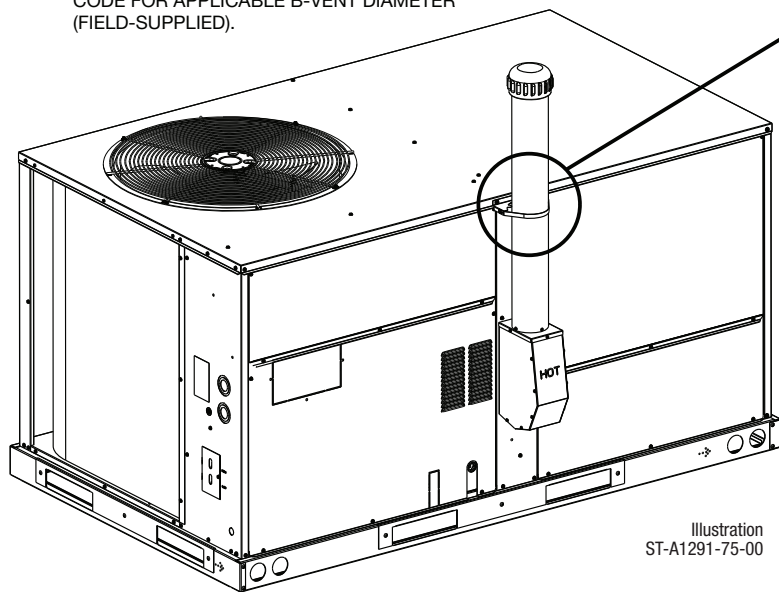


ST-A1365-13-01

FLUE DIVERTER

RXRX-DEG03

FLUE DIVERTER HELPS DIRECT PRODUCTS OF COMBUSTION AWAY FROM FRESH AIR INTAKES. FLUE DIVERTER IS COMPATIBLE WITH ALL THREE BTU INPUTS. REFER TO ANSI Z223.1 NATIONAL FUEL GAS CODE FOR APPLICABLE B-VENT DIAMETER (FIELD-SUPPLIED).



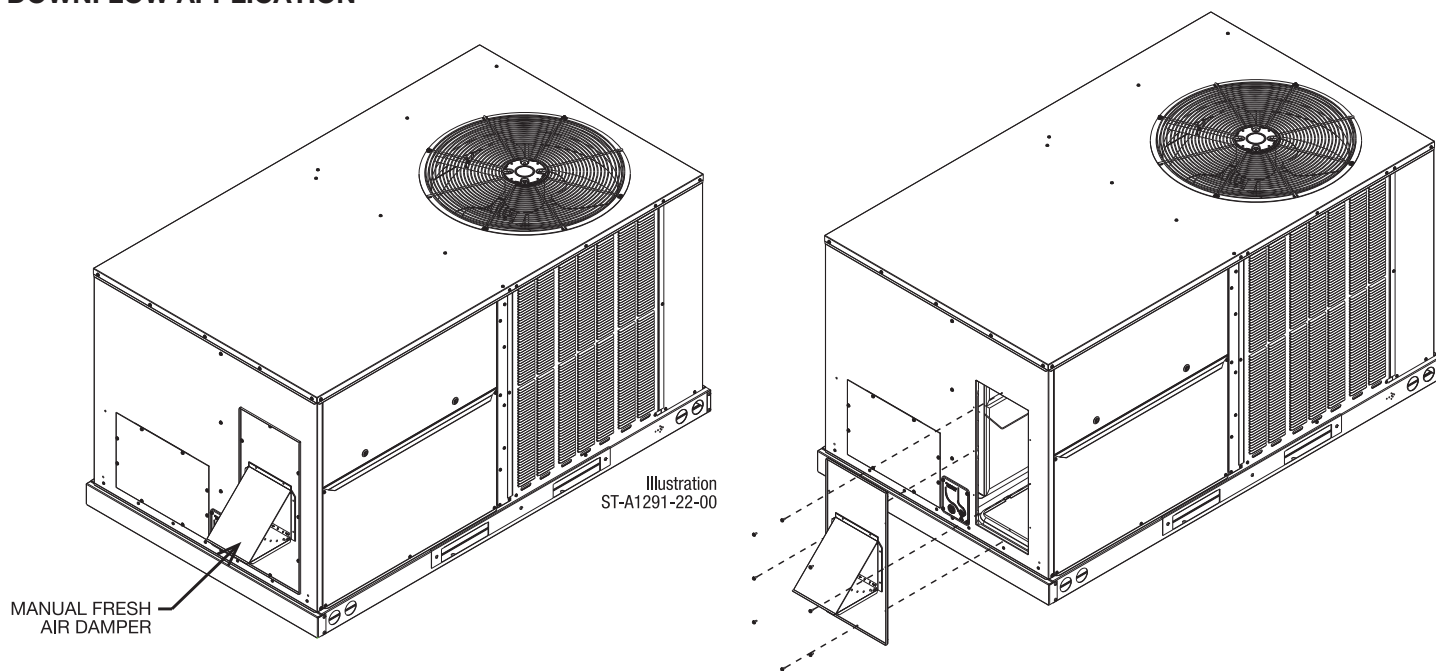
**B-VENT SUPPORT
BRACKET DETAIL.**
SHOWN WITH 4-INCH
FLUE PIPE.

Illustration
ST-A1291-75-00

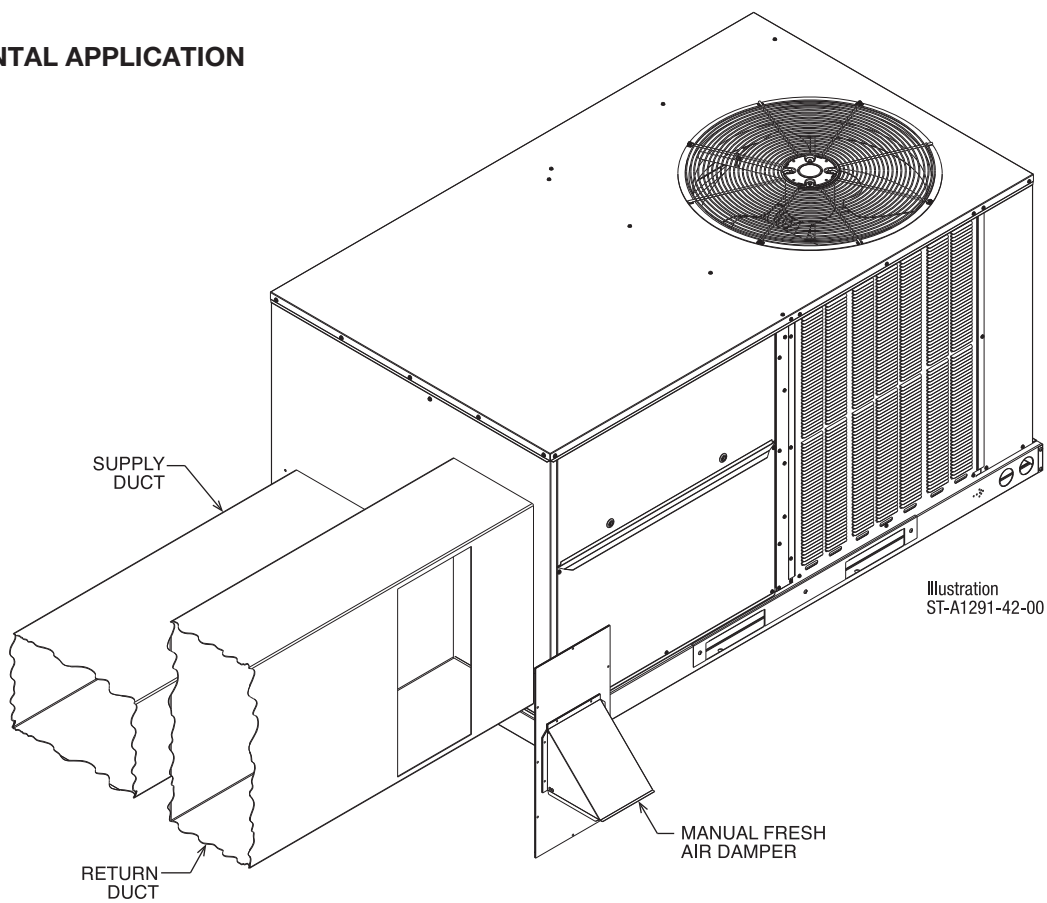
FRESH AIR DAMPER

MANUAL DAMPER KIT RXRF-ACA1

DOWNFLOW APPLICATION



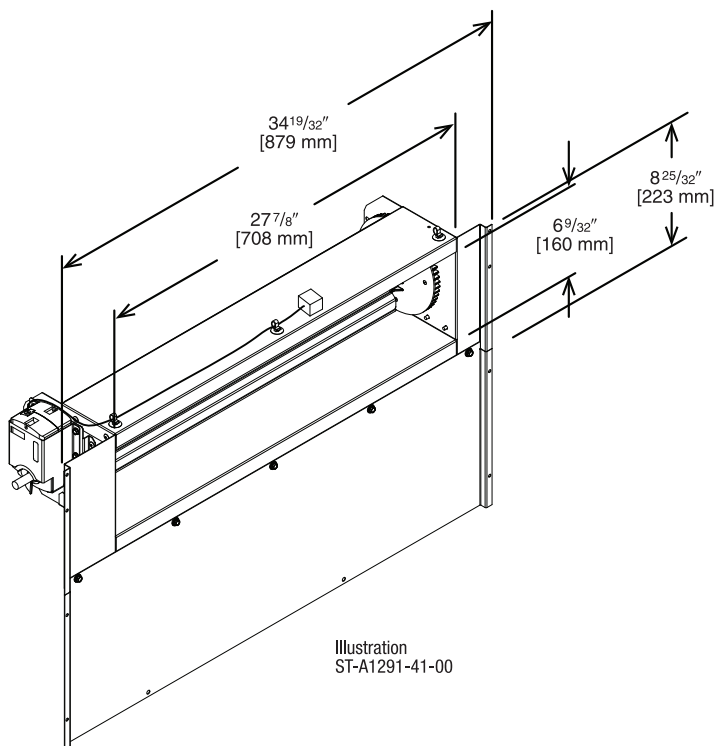
HORIZONTAL APPLICATION



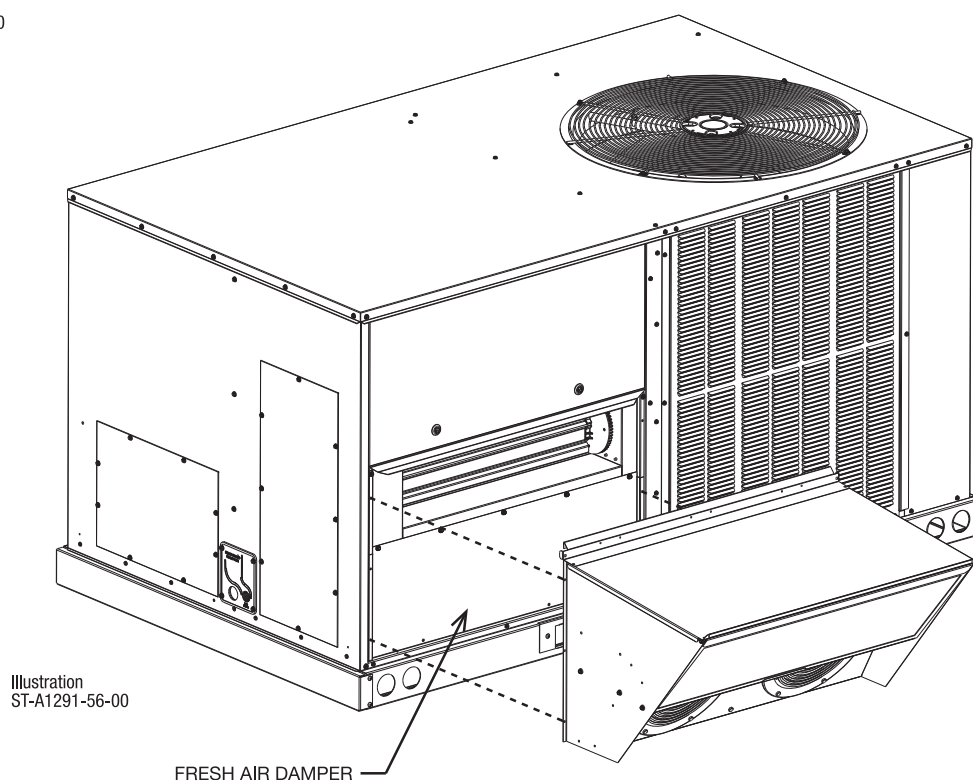
FRESH AIR DAMPER

MOTORIZED DAMPER KIT RXRF-ACB1

- Features **Siemens** Actuator
- Gear Driven Direct Drive Actuator
- Adjustable to 2 positions
- Slip-In Design for Easy Installation
- Plug-In Polarized 12-pin and 4-pin Electrical Connections
- Pre-Configured—No Field Adjustments Necessary



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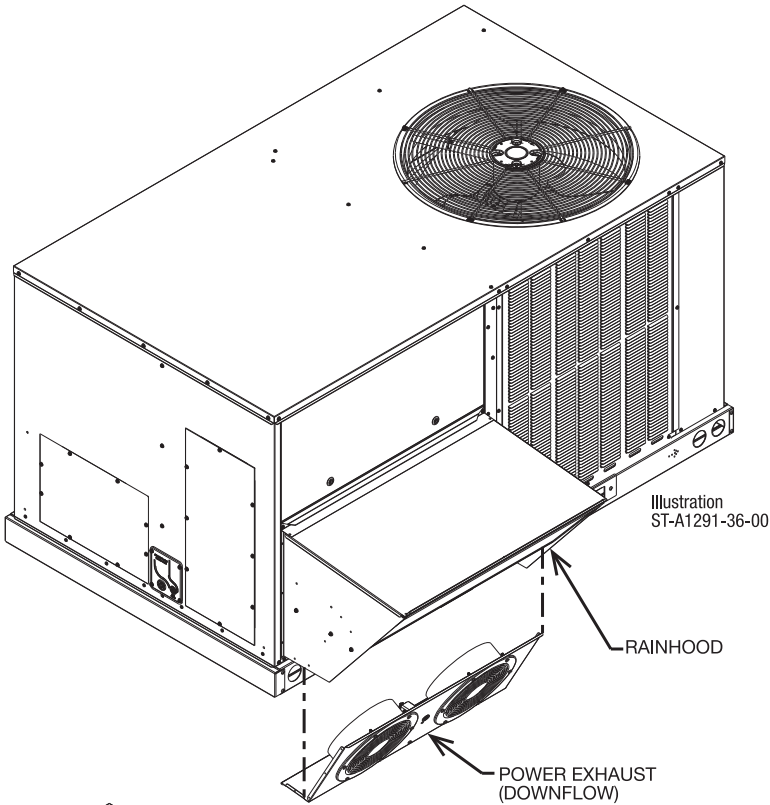


POWER EXHAUST KIT FOR ECONOMIZERS

RXRX-CCF02*

*Voltage Code (C or D)

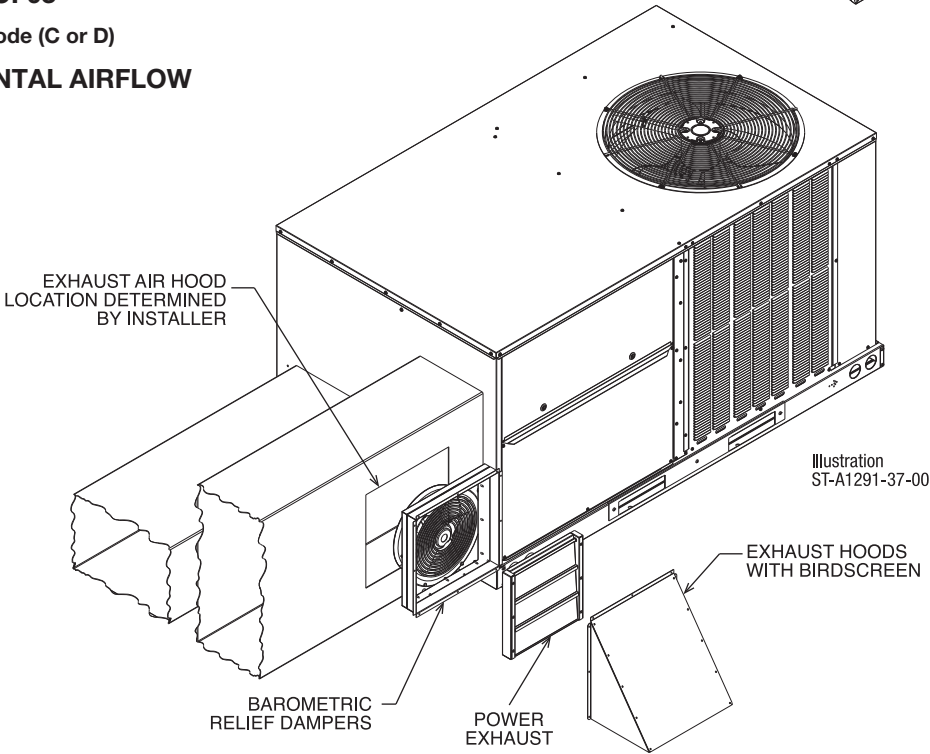
VERTICAL AIRFLOW



RXRX-CCF03*

*Voltage Code (C or D)

HORIZONTAL AIRFLOW



Model No.	No. of Fans	Volts	Phase	HP (ea.)	CFM [L/s]*	RPM	FLA (ea.)	LRA (ea.)
RXRX-CCF0*C	2	208/230	1	0.47	2200	3000	1.55	1.1
RXRX-CCF0*D	2	460	3	0.40	1970	2750	0.51	1.9

*CFM is per fan at 0" w.c. external static pressure.

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