

Off-load grinder regrind to a barrel with Compressed Air

The CAML-EVB system uses a compressed air venturi to draw material from granulators or other sources and efficiently direct it to a standard fiber barrel. The EVB includes an elastic barrel cover that contains material dust and allows clean conveying air to be exhausted. A "full" alarm is included to alert operators when the barrel is full.



CAML-EVB
(Shown with optional drum full alarm kit.)

Designed to move Material Simply and Quietly

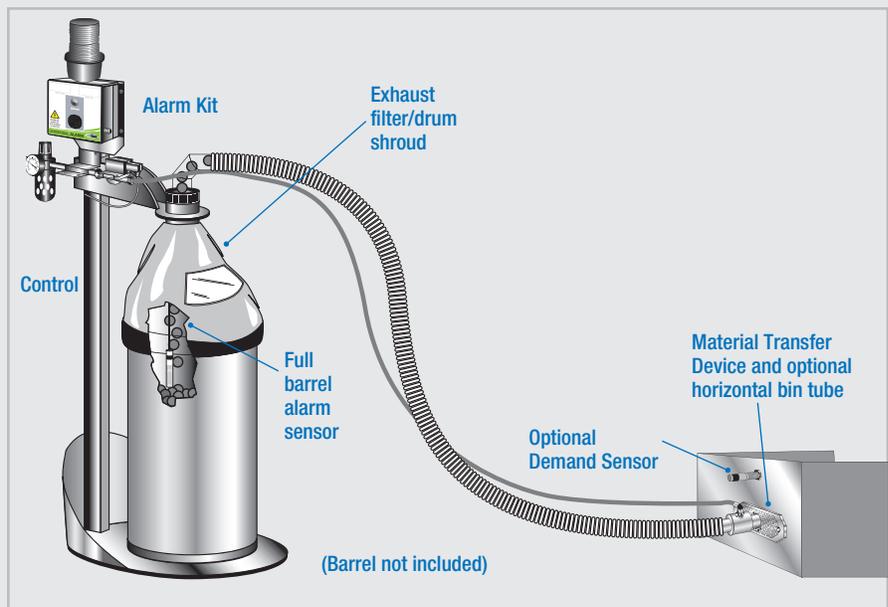
How It Works:

The CAML-EVB works on demand, from its capacitance sensor, mounted in the granulator drawer. The EVB will off-load the granulator only when regrind is present. The EVB stand provides a parking spot for the barrel being filled. Controls include a compressed air regulator and on/off switch.

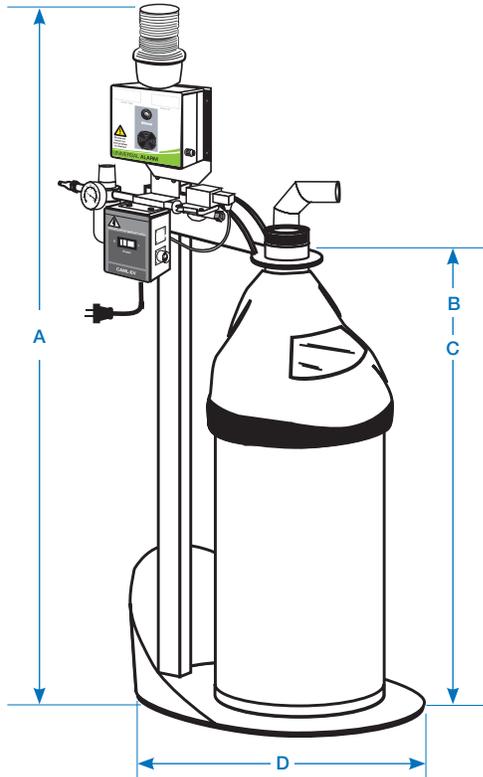
The standard CAML-EVB includes:

- A proximity-type demand sensor.
- Control assembly with compressed air solenoid, filter and regulator.
- Barrel stand with height adjustable inlet tube.
- Elastic-edged exhaust filter/barrel shroud with feed tube hole and plexi window.
- Compressed air venturi.
- 20 feet {6.096 m} of conveying hose.

- ▶ Load resin into barrels
- ▶ Quiet, efficient operation
- ▶ Evacuate regrind from granulators
- ▶ No tools required to change drums



Specifications



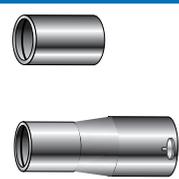
Model	CAML-EVB
Performance characteristics	
Maximum throughput lb/hr {kg/hr}	700 {318}
Nominal throughput* lb/hr {kg/hr}	500 {227}
Maximum conveying distance ft {m}	20 {6}
Material line size inches {mm}	1.5 {38}
Dimensions inches {mm}	
A - Overall height with alarm option	57 {1448}
B - Maximum height, adjustment arm	30 to 46 {762 to 1168}
C - Minimum height, adjustable arm	46 {1168}
D - Drum stand base diameter	25 {635}
Weight lbs {kg}	
Shipping	130 {59}
Installed	90 {41}
Voltages Full load amps	
120V/1 phase/60 Hz	1.0
Compressed air requirements	
Typical operating pressure psi {bars}	30 {2.1}
Consumption @ 60 psi ft ³ /min {liters/min}	8.25 {233.6}
NPT fitting	3/8 inch

Specification Notes

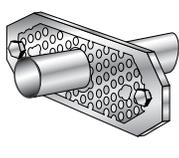
* Recommended throughput rates are provided to insure optimum performance and life of the product.
 Specifications may change without notice. Consult with a Conair representative for the most current information.

Options

Material Pickup Devices



O-ring adapters
 Connect the Material Transfer Device to material lines with equal or larger outer diameters.



Horizontal bin tube
 Install the Material Transfer Device on granulator trays, bins or other flat-walled storage containers. High-wear Material Transfer Device is also available.

Material Pickup Devices

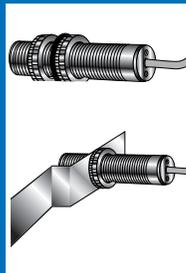


Vertical feed tube
 Inserts into open material containers. Includes a coupling for the Material Transfer Device.



Granulator Bin Tube Adaptor
 Adapts round granulator drawer tubes (up to 2 inch OD) to the material transfer device and provides air inlet for optimal conveying.

Sensor Mounting Options

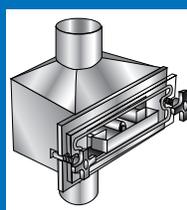


Demand sensors
 Proximity sensor with O-ring mounts through the wall of a hopper or bin. The sensor with an angled bracket allows external mounting against a sight glass on a bin.



Sensor extension cable

Drawer Magnet



Install between the 90° inlet tube and the drum filter/shroud to catch tramp metal before it can enter the barrel.

Extra Drum Cover

Provides an additional drum cover for the stand-by or full drum, making drum exchanges fast and clean.

Casters

Casters on the bottom provide simple mobility.

