

CV Airlock

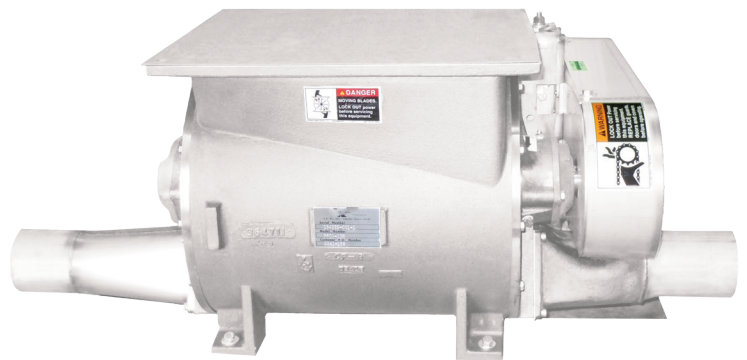
- Highly efficient, rugged design
- Minimum leakage blow-back
- 15 PSI pressure differential
- Inboard bearing design offers maximum shaft support

Application

The CV blow-thru design allows the airlock to meter product from rotating pockets directly into the conveying line. It is perfect for handling light bulk density product or powders. Special designs for handling frozen food products are also available.

Equipment

CV Airlocks are available in cast iron, 304 stainless steel, or aluminum construction. Housings and end plates are cast construction while rotors are one-piece, fixed-relieved, open end fabricated construction. The “CV” units utilize dual, single lip seals and inboard press fit bearings. Rotors have 1/16” land rotor tips with options for various adjustable tips. The CV Airlock is available in either a baffled or non-baffled inlet arrangement.

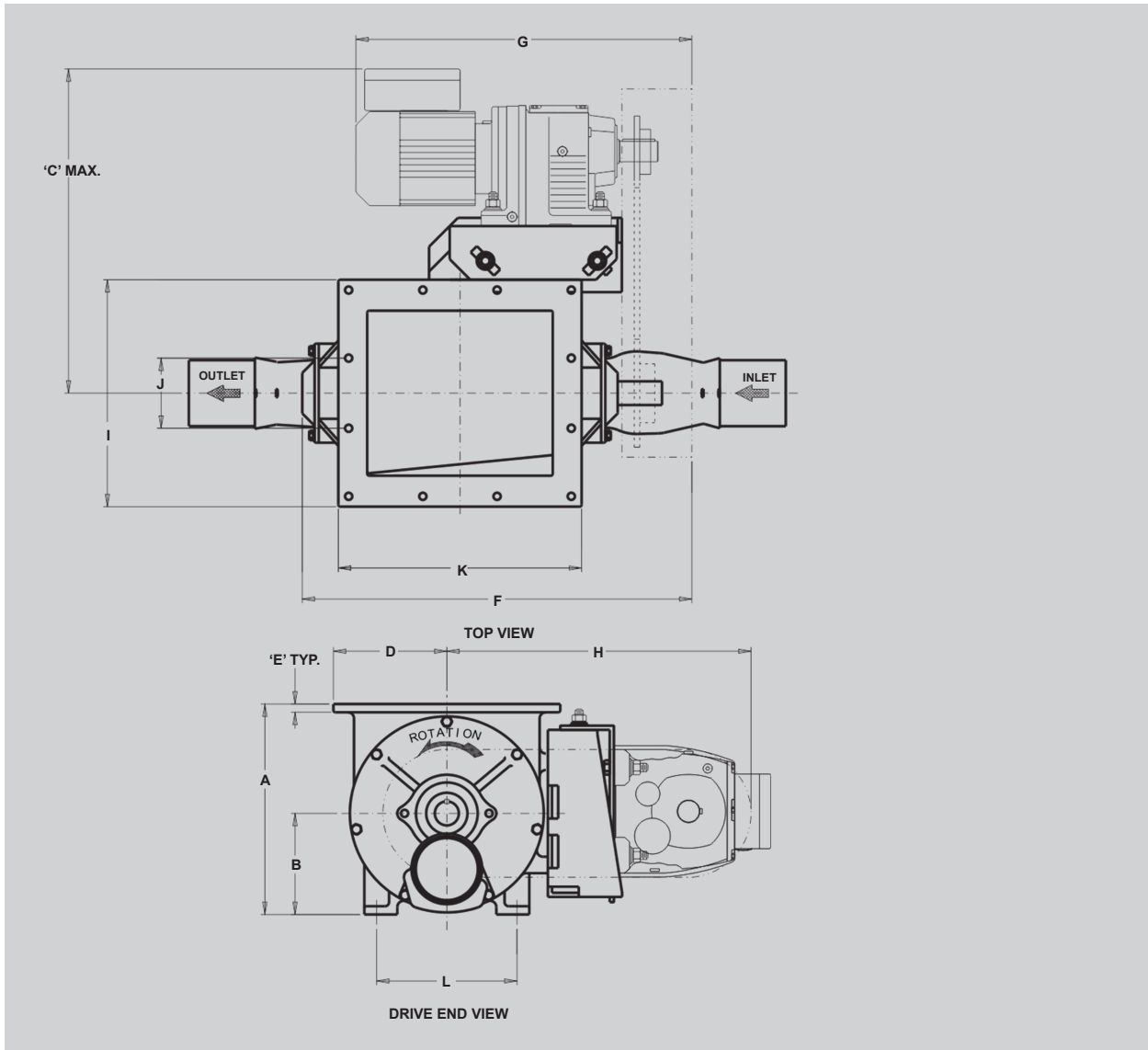


Housings with built-in baffles are recommended when handling light bulk density product or powders that would normally not flow well with blow-by air circulating through the product. CV Airlocks are available with inlet and outlet line connections in 3”, 4”, and 5” sizes.

Available Options

- Adjustable tips in carbon or stainless steel
- 304SS rotor in place of a carbon steel rotor
- Reduced volume rotor
- Hard chrome bore and end plates
- Industrial grade Teflon coated rotor
- Silverstone coated rotor
- Shaft seal purge kit

Dimensions



Model	C.F.R.	Dimensions (inches)												Motor (HP)	Weight (lbs.)
		A	B	C	D	E	F	G	H	I	J	K	L		
CV-04	0.4	12.75	6.13	19.75	6.88	0.50	23.63	20.44	18.44	13.75	4.25	14.75	8.5	0.75	365
CV-12	1.2	17.13	8.25	24.44	9.25	0.63	29.25	24.38	22.75	18.50	5.75	19.75	12.0	1.00	675

7901 NW 107th Terrace
 Kansas City, MO 64153
 816-891-9300
info.fpm@coperion.com
www.coperion.com/fpm

All information is given without obligation. All specifications are subject to change. © by Coperion, 2024