

Fabricated Square (FS) Airlock

- Fabricated carbon steel housing
- Carbon steel urethane sandwich rotor
- 220 °F maximum operating temperature
- Fabricated carbon steel endplates with 4 bolt flange bearings
- Rated for 20" w.c. maximum operating pressure



Application

The Coperion Fabricated Square (FS) Airlock is equipped with flexible, wiper blade rotors. These extra flexible blades provide superior handling for stringy or fibrous products.

This airlock is designed for applications where little or no pressure differential is present across the inlet or outlet ports and temperature is ambient. The Fabricated Square (FS) Airlock is perfectly suited for use in the wood, grain and agriculture industries.

Standard Specifications

- Fabricated carbon steel housing
- Fabricated carbon steel endplates with 4 bolt flange bearings
- Carbon steel urethane sandwich rotor
- Carbon steel graphite filled 6 vane rotor
- Urethane flex tips
- Counter clockwise rotation (clockwise rotation for models FS 30x30 and larger)
- 220° F maximum operating temperature
- Rated for 20" w.c. maximum operating pressure

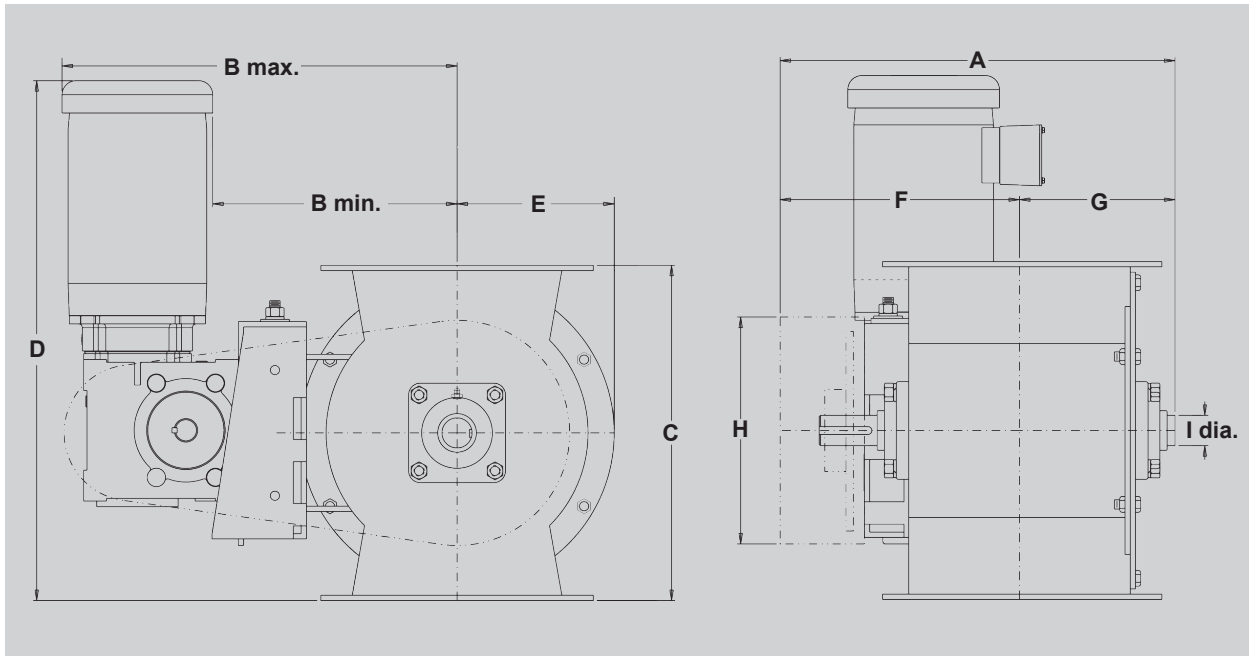
With Drive

- 230/460V, 3 PH, 60Hz; TEFC
- 18 RPM (24 RPM for FS 24 x 24)

Options

- 304 stainless steel construction
- Extended shaft (FS 12x10 model only)

Dimensions



Model	Dimensions (inches)										CFR	Motor (HP)	Weight (lbs.)
	A	B		C	D	E	F	G	H	I			
		Min.	Max.										
FS 10x8	16.75	10.59	18.59	13	23.31	6.13	10.50	6.25	10.75	1.44	0.34	1	220
FS 12x10	18.75	11.72	19.66	16	26.81	7.50	11.50	7.25	10.75	1.44	0.62	1	260
FS 16x12	21.25	15.09	23.53	20	29.94	9.50	13.00	8.25	17.25	1.44	1.32	1.5	425
FS 20x15	25.00	17.03	25.47	24	31.81	11.50	14.75	10.25	17.25	1.94	2.60	2	530
FS 24x24	33.88	19.00	28.88	28	38.31	13.50	19.13	14.75	17.25	1.94	6.00	3	750

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