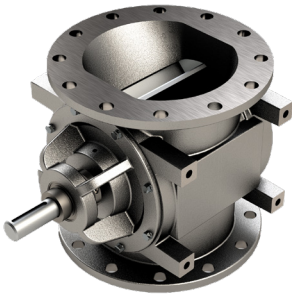


Rotary Airlock/Feeders



Metering Material -

Rotary Airlock/Feeders are sized for your applications and are available with custom rotor types to suit your applications and materials—powders, granules or pellets.

Shaft drives are heavy duty to minimize deflection. Motor and gear reducer are included, sized appropriately for your application. The inlet throat is optimized for excellent product feeding.

Airlock/Feeders are available in your choice of materials and other specifications.

Application - Dilute-phase conveying and controlling material flow.

Low Air Usage - Typical consumption is 3-5 SCFM compressed air for purge.

Standard Design

Carbon steel; 6"-16" Round Flanged Inlet and Discharge; Adjustable Packing Gland Seals; Worm Gear Reducer; NFPA Compliant

Standard Options

304 Stainless Steel; 6"-26" Square Flanged Inlet and Discharge; Special Displacement Rotors; Air Purge Shaft Seals; Hard Chrome Plating; Vented Body; Parallel Shaft Reducer for 10:1 Turndown

Custom Options

316 Stainless Steel; Sanitary CIP; Hazardous Location Controls; High Temperature Applications; Rotor Tip Options; Zero Speed Switch

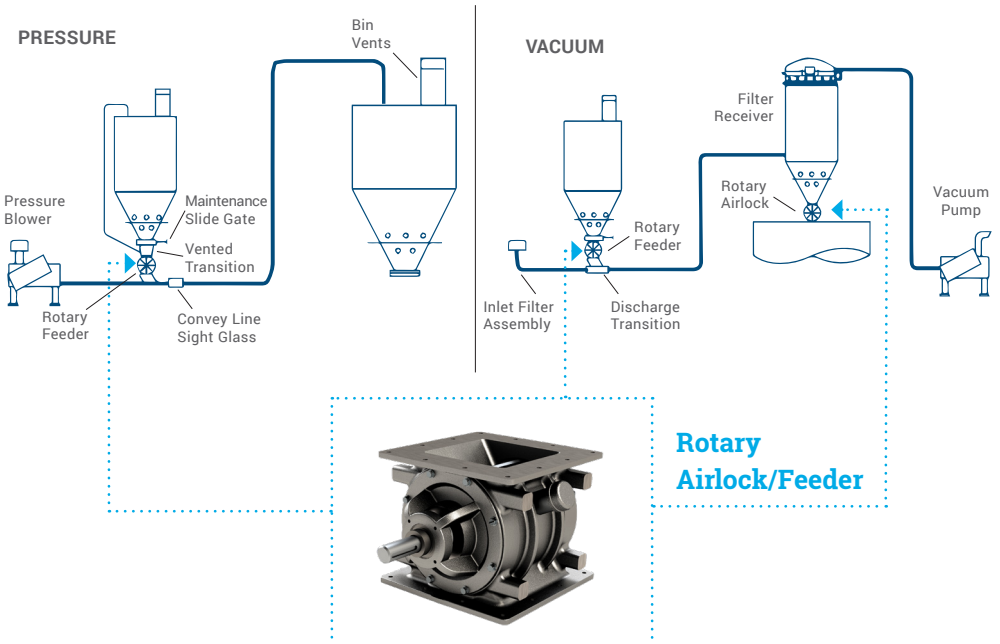
Rotary Valve Capacity (Cubic Feet/Hr)*

*Capacity based on 100% pocket fill.

VALVE SIZE (INCHES)	6	6	30	48	60	72	84	96	108	120
	8	12	60	96	120	144	168	192	216	240
	10	24	120	192	240	288	336	384	432	480
	12	45	225	360	450	540	630	720	810	900
	14	66	330	528	660	792	924	1056	1188	1320
	16	84	420	672	840	1008	1176	1344	1512	1680
	18	162	810	1296	1620	1944	2268	2592	2916	3240
	22	276	1380	2208	2760	3312	3864	4416	4968	5520
	24	384	1920	3072	3840	4608	5376	6144	6912	7680
	26	540	2700	4320	5400	6480	7560	8640	9720	10800
		1	5	8	10	12	14	16	18	20
ROTOR SPEED (RPM)										

Dilute Phase Conveying Systems

TYPICAL INSTALL EXAMPLE



Contact sales@cyclonaire.com.

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pneumatic conveying solutions

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