



ROTARY AIRLOCK VALVES

Rotary Airlock valves –also commonly known as rotary feeder or rotary valves is material handling equipment wherein the material being handled enters the pockets at the top, through the inlet port, travels around in a rotating motion with a restricted airflow and exit at the bottom or through the outlet port.

Our rotary airlock valves are custom designed based on our clients application considering the factors like temperature, pressure, size and material of construction.

Application

Typical materials handled with Sneha make RAV units include cement, sugar, minerals, grains, plastic, dust, fly ash flour, gypsum, lime, coffee and cereals.

Features

- Sturdy eight blade C. I. Rotor with EN8 shaft with fixed or adjustable blades
- Removable side plate for easy access to replace the seal
- Air Purge to prevent leakage and protect packing
- Maintains vacuum or pressure up to 20" W.G.
- Chain Drive with TEFC motor
- Heavy duty Cast Iron Body
- Simplified drive assembly



Capacities in Cubic Feet per Minute (Based on 100% fill factor)					
Size	H.P.	15RPM	20RPM	25RPM	30RPM
6"	0.5	1.05	1.4	1.75	2.1
8"	0.5	2.7	3.6	4.5	5.4
10"	0.75"	5.4	7.2	9.0	10.8
12"	1.0	9.6	12.8	16.0	19.2
14"	1.0	15.75	21.0	26.25	31.5
16"	1.0	24.0	32.0	40.0	48.0
18"	1.5	34.2	45.6	57.0	68.4
20"	1.5	47.0	62.7	78.4	94.0
22"	2.0	62.5	83.3	104.1	125.0

