

ROTARY AIR LOCK

N.R. Murphy's Rotary Air Lock combines craftsmanship with trouble free efficient design. The Air Locks are used to provide an airtight seal on cyclones, dust filters, storage bins, enclosed mechanical conveyors, etc. For assistance in selection to suit a specific application, please call our highly trained technical staff. All inquiries will be answered promptly.

FEATURES

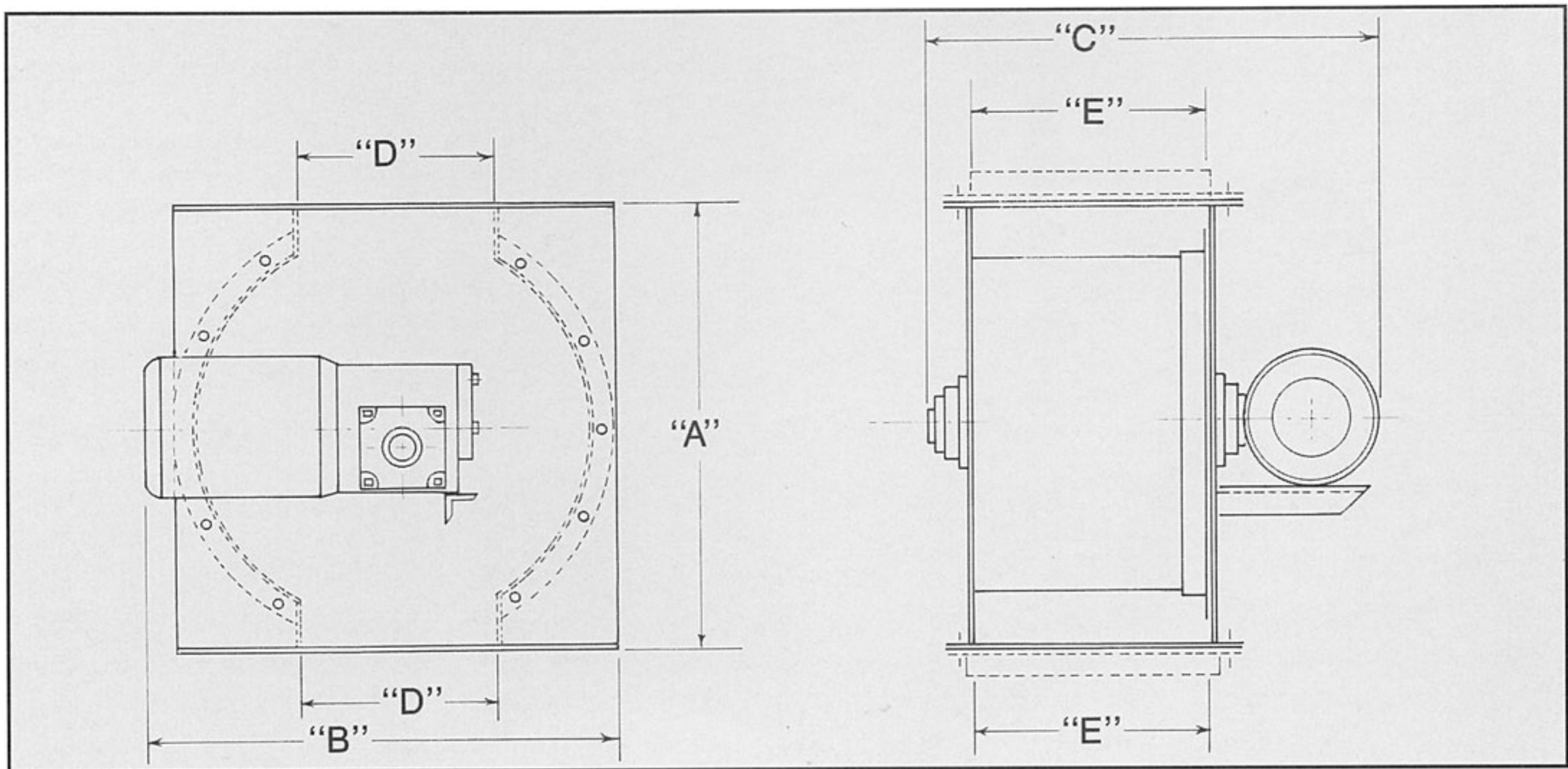
- Heavy gauge all welded construction painted our standard colour
- Three standard sizes up to 193 cu ft per min. capacity available from stock
- Maintains pressure or vacuum up to 20" W.G.
- Sturdy six blade rotor c/w replaceable one piece full pocket double wiper neoprene seals
- Removable side plate for easy access to replaceable seals
- Simplified drive assembly
- Full size outlet prevents excessive wear and achieves improved product discharge
- inlet adaptable to suit all applications
- Suitable for all types of products e.g. plastic, metal, grain, chemical, wood, etc.
- T.E.F.C. motors
- Special metals and/or seals available for high temperatures, corrosiveness or product contamination (allow extra time for delivery)

 **MURPHY**
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DIMENSIONS AND SPECIFICATIONS OF STANDARD DESIGN (AS SHOWN ON FRONT)

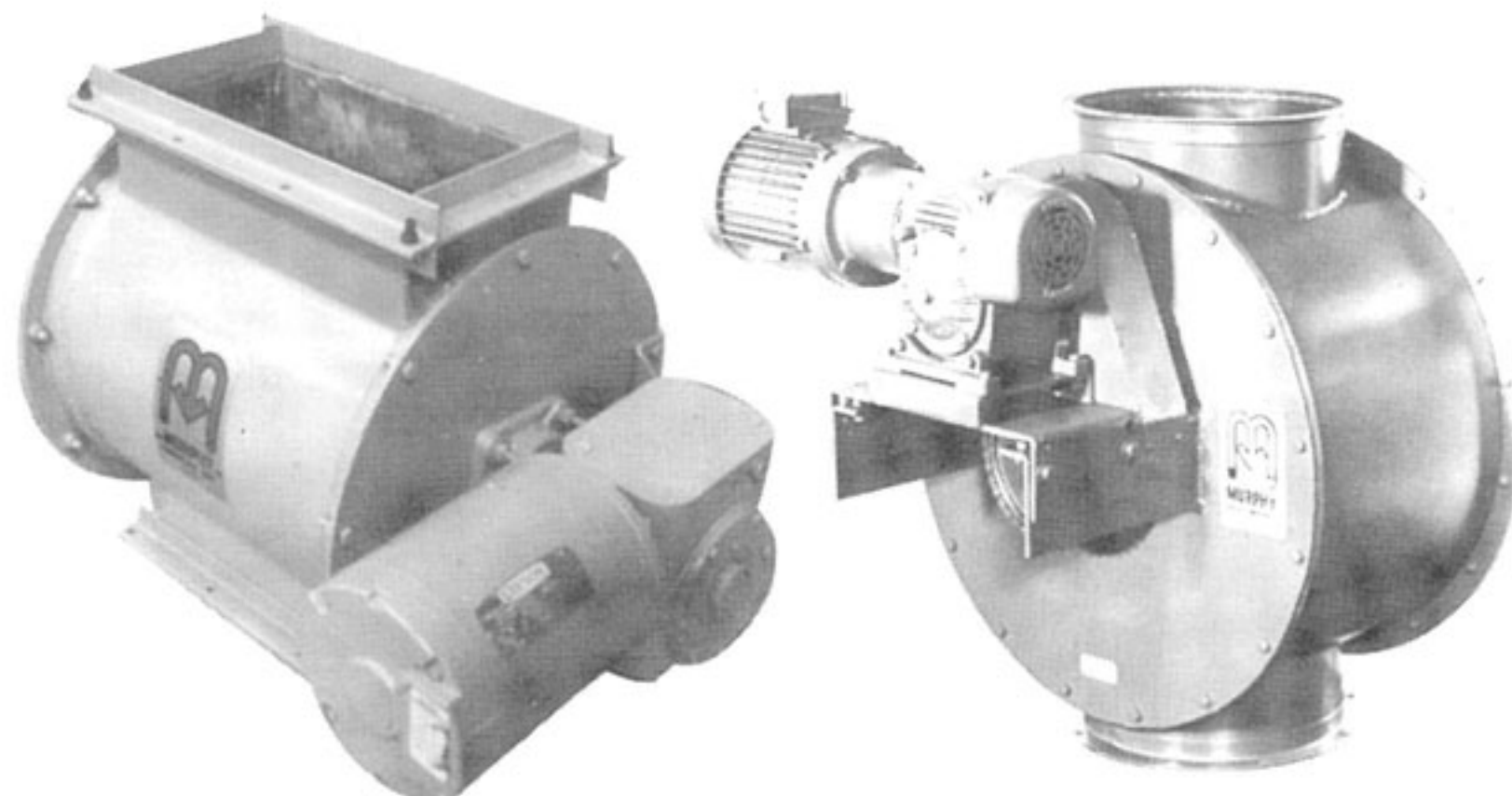


Rotary Air Lock Model Number	Height			Inlet & Outlet Size*			Matching Angle Flange Size	Motor H.P.	Capacity per cu. ft. 100% full per one revolution	Revolutions per minute	Approx. Total wt. lbs. incl. drive assembly
	A	B	C	D	X	E					
Size 1	22½"	23½"	24½"	10"		11¾"	1½" x 1½" x ¾"	¾	1.35	28.7	300
Size 2	34"	34"	31"	16"		17¾"	1½" x 1½" x ¾"	1½	6.3	19.3	775
Size 3	43¼"	44½"	38½"	20"		21¾"	1½" x 1½" x ¾"	2	13.5	14.3	1250

* Matching flanges on inlets & outlets are supplied with all sizes.
 * Round inlet adapters are available when required. Consideration should be given for extra height.

- Volumetric displacement is 100% as listed. Capacity selection is from 30% to 60%.
- Certified drawings are available upon receipt of an order, if requested.
- Dimensions and specifications subject to change without notice.
- All dimensions are in inches.

Note: Rotary air lock is also referred to as Rotary Valve, Rotary Feeder, Cell Wheel.



CUSTOM DESIGNED ROTARY AIR LOCK



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