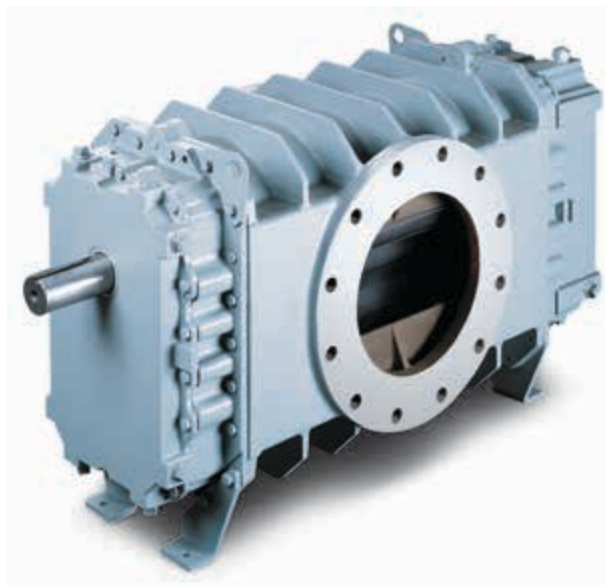


## Roots™ RAM™ Series Blowers

- Heavy-duty construction meets user-friendly operation
- For vertical or horizontal use—just reposition the feet
- 2-year warranty



RAM stands for Reliability, Availability and Maintainability. These heavy-duty blowers feature repositionable feet and die-cast aluminum gear and drive end covers that reduce installation costs and make everyday maintenance easier. All blowers have alloy-steel timing gears, cylindrical roller bearings, piston ring air seals and lip-type hydrodynamic oil seals. Plus, their splash oil lubrication eliminates the need for greasing.

Choose from RAM or RAM J series blowers. The RAM J series ensures reduced noise and power loss. Their WHISPAIR technology incorporates a silencing chamber that removes pulsations and reduces vibration, resulting in increased bearing life and superior noise reduction.

All blowers are covered under warranty against defects in materials and workmanship for 24 months after date of installation, or 30 months from date of original shipment, whichever comes first.

If you don't see the blower options you're looking for, give us a call and we'll get you what you need.



**Shipping:** Ships motor freight.

MFR #	DIAMETER INLET/OUTLET	SHAFT SIZE	MAX PSI	CFM RANGE*	RAM SERIES		RAM J SERIES	
					STOCK #	EACH	STOCK #	EACH
404	3" NPT	1 1/2"	18	116 to 396	34033	\$	34040	\$
406	4" NPT	1 1/2"	18	177 to 601	34034		34041	
409	4" NPT	1 1/2"	18	264 to 900	34035		34042	
412	6" FLG	1 1/2"	15	352 to 1199	34036		34043	
418	8" FLG	1 1/2"	10	559 to 1800	34037		34044	
616	8" FLG	2"	15	486 to 2115	34038		34045	
624	10" FLG	2"	10	786 to 3173	34039		34046	

\* cfm is determined by shaft speed and the amount of backpressure at your application. Contact us for help sizing a blower to meet your desired cfm, or to maximize your existing motor/blower combination.

**Note:** Units need to be filled with oil before running to ensure long bearing life. Please refer to the blower manual for proper installation of sheaves. Running sheaves too far on the end of the shaft may void manufacturer warranty. See illustration on page 17.



## Tuthill M-D Pneumatics PD Plus Blowers

- Renowned for quality, dependability and outstanding performance
- Heavy-duty construction—perfect for severe applications
- Manufactured to ISO 9001 registered quality standards



Use these heavy-duty industrial blowers for high-performance applications. They feature oil reservoirs on both ends for oil-splash bearing lubrication, so you never have to grease the fittings. All blowers are manufactured to ISO 9001 registered quality standards.

### Specialty blower options

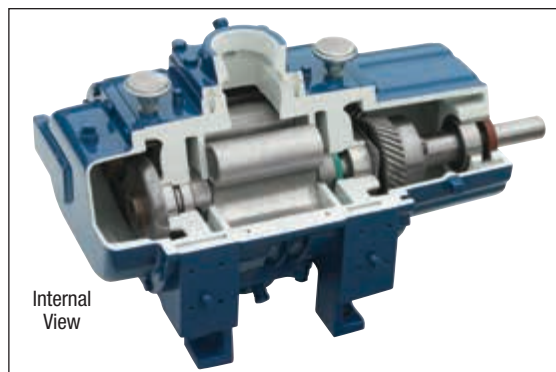
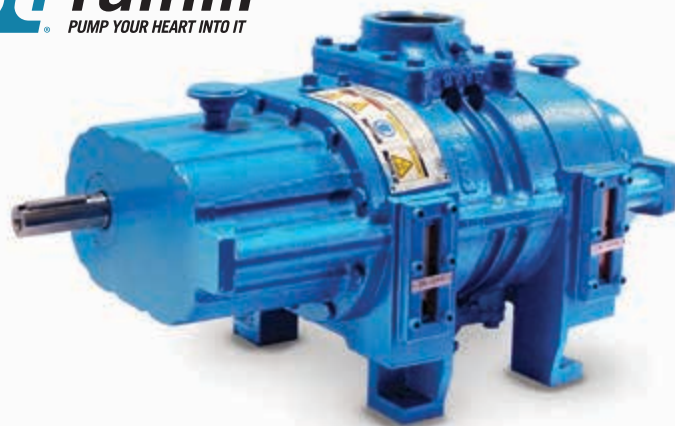
Blowers listed below are for vertical airflow; models for horizontal airflow are available as special order. Other options include blowers with single and double mechanical seals for gas-tight applications, and blowers with integral lubrication and water-cooled coil options for high-pressure and temperature applications. Higher outputs are also available up to 8000 cfm and pressures up to 18 psi. Contact us for more information on these options or any other special order requests.

**Shipping:** Ships motor freight.



MFR #	DIAMETER INLET/OUTLET	SHAFT SIZE	MAX PSI	CFM RANGE*	STOCK #	EACH
3202-A3L3	1 1/2" NPT	1 5/16"	15	8 to 85	34021	\$
3204-A3L3	2" NPT	1 5/16"	15	16 to 139	34022	
3206-A3L3	2 1/2" NPT	1 5/16"	15	26 to 211	34023	
3210-A3L3	3" NPT	1 5/16"	15	251 to 354	34024	
4009-A3L3	3" NPT	1 1/8"	18	49 to 478	34026	
4012-A3L3	4" NPT	1 1/8"	15	80 to 645	34027	
5507-A3L3	4" NPT	1 3/4"	18	91 to 730	34028	
5511-A3L3	5" NPT	1 3/4"	17	152 to 1084	34030	
5514-46L3	6" FLG	1 3/4"	13	234 to 1387	34031	

\* The cfm is determined by shaft speed and the amount of back pressure at your application. Contact us for help sizing a blower to meet your desired cfm, or to maximize your existing motor/blower combination.



Internal View