



Tuthill M-D Pneumatics CP Series Blowers

- Drop-in replacement for Roots URAI and Sutorbilt Legend®
- Next generation engineering for longer life
- Manufactured to ISO 9001-registered quality standards

Advanced design features in these blowers improve their life and serviceability. They're also interchangeable with other brands, which makes them a convenient drop-in replacement. Ductile iron rotors are precision machined with large integrally cast shafts. This means that the rotor is one-piece construction, not a press fit or pinned shaft that can loosen, slip and cause expensive repairs due to rotor clash. Sealing surfaces are polished for long seal life.

CP Series blowers use helical gears instead of spur gears for quieter, smoother operation. Taper fit spur gears can backlash, slip and lose their timing, resulting in costly repairs, but the CP Series' helical gears are keyed to the shafts to eliminate those problems. Double row ball bearings have been incorporated for greater strength at the gear end of both rotors. Drive shaft bearings are cylindrical roller for additional strength against side loading from V-belt drives. Larger, stronger bearings provide smoother performance and can add up to 50% longer bearing life over competing models.

The end clearances in CP Series blowers are positively established at the gear end, which eliminates the risk of shifting end clearance when installing or removing drive components. This also eliminates the special fork and saddle tools required by other brands to reset end clearances.

USABlueBook can supply complete CP Series blower packages in several styles. Prices are very competitive and deliveries are among the best in the industry.

Includes: 2-year warranty from date of original factory shipment and 18 months from date of installation.

Shipping: Blowers over 70 lbs ship motor freight.



BLOWER MODEL	DIAMETER INLET/OUTLET	SHAFT SIZE	WT (LBS)	STOCK #	EACH
2002	1" NPT	0.625"	41	15911	\$
2004	2" NPT	0.625"	53	15912	
3002	1 1/4" NPT	0.875"	78	15929	
3003	2" NPT	0.875"	83	15913	
3006	2 1/2" NPT	0.875"	113	15914	
4002	1 1/2" NPT	0.875"	95	15915	
4005	2 1/2" NPT	0.875"	119	15916	
4007	3" NPT	0.875"	138	15917	
5003	2 1/2" NPT	1.125"	152	15918	
5006	4" NPT	1.125"	185	15919	
5009	4" NPT	1.125"	222	15920	
6005	3" NPT	1.375"	250	15921	
6008	5" NPT	1.375"	310	15922	
6015	6" FLG	1.375"	456	15923	
7006	4" NPT	1.562"	425	15924	
7011	6" FLG	1.562"	555	15925	
7018	8" FLG	1.562"	675	15926	

We also RECOMMEND...

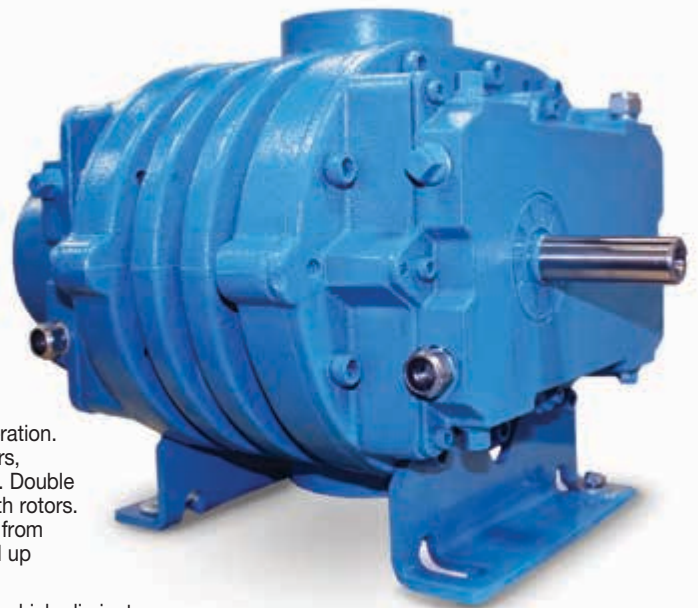
Blower Oil & Grease

USABlueBook strongly recommends using the lubricant recommended by your blower manufacturer. Failure to do so can void your blower warranty.



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DESCRIPTION	LUBRICANT TYPE	SIZE	AMBIENT TEMP RANGE	STOCK #	EACH
PneuLube ISO 100	Oil	1 Quart	0 to 120°F	13258	\$
PneuLube ISO 100	Oil	1 Gallon	0 to 120°F	13259	
PneuLube Lithium NLGI#2EP	Grease	14-oz Cartridge	—	13289	



Positive Displacement Blower Cross Reference Chart

operator notes

The chart below is based on two important comparisons: performance and physical dimensions related to installation. Models listed side by side have virtually identical blower curve performance characteristics. They are also physically interchangeable based on manufacturers' specification sheets. Shaft diameters, inlet and outlet ports, and blower foot print dimensions are the same or very close. In instances where a mounting bolt may be positioned at the extreme end of a slotted mounting hole in the blower feet, a little filing may be required. However, this situation is rare.

If you think certain overall dimensions of one maker versus another may be critical in your installation, we will fax detailed dimensional charts. All blowers supplied by USABlueBook come with bolt-on feet that enable the blower to be mounted in any one of four positions. Vertical mounting feet are supplied at no charge for new Sutorbilt blowers. Sutorbilt part numbers containing the letter "V" indicate that vertical mounting feet are required.

SUTORBIT (B, F, L & P)*	ROOTS URAI	M-D PNEUMATICS COMPETITOR PLUS	INLET/OUTLET DIAMETER**
2 M	22	2002	1" S
2 L	24	2004	2" S
3 H	32	3002†	1 1/4" S
3 M	33	3003†	2" S
3 L	36	3006†	2 1/2" S
4 H	42	4002	1 1/2" S
4 M	45	4005	2 1/2" S
4 L	47	4007	3" S
5 H	53	5003	2 1/2" S
5 M	56	5006	4" S
5 L	59	5009	4" S
6 H	65	6005	3" S
6 M	68	6008	5"
6 L	615	6015	6" FLG
7 H	76	7006	4" S
7 M	711	7011	6" FLG
7 L	718	7018	8" FLG

* A "V" appearing in Sutorbilt part # (e.g., 2MV) indicates vertical mounting.

**S = NPT(F), FLG = standard flange connection.

†7/8" shaft vs. 3/4" for Roots and Sutorbilt.