

More Power. More Aliveness. Built into Every CP Series Blower

up to
20%
more
power!

Tuthill brings 100+ years of engineering experience and solid, hands-on care to breathe life into every product we build. Our M-D Pneumatics™ rotary positive displacement blowers combine rugged performance with flexibility as drop-in replacements to fit a variety of applications. These are just a few reasons why the *new CP Series* is the Chief Pacesetter in blowers:



Continuous Power: Delivering up to **20% more power**, the CP Series is now rated up to 18 PSIG discharge pressure or 16" Hg dry vacuum.

New
standard features
can help

SAVE HUNDREDS
in maintenance
costs!

Constant Protection: Standard on all models, triple lip seals extend the life of the seal and have been shown to provide longer bearing life. Magnetic drain plugs keep particles from moving through bearings and seals.

Clear Performance: All models come standard with sight glasses.

Convenient Products: CP Series blowers can be field converted from horizontal to vertical flow, or vice versa, without any special tools or additional components. CP Series rotary blowers are designed to be interchangeable with equivalent sizes of Roots Universal RAI®, and many Sutorbilt® Legend® blowers.



Typical Applications:

- Pneumatic Conveying
- Vacuum Excavation
- Dust Collection
- Carpet Cleaning
- Air Sparging
- Dairy Milking
- Wastewater Aeration



Reduced Noise Versions Available

CP Series standard models feature a bi-lobe design. Many models are available with tri-lobe rotors and a specially tuned housing to reduce blower noise.

Helical Gearing

CP Series blowers are timed with precision helical gears keyed to the rotor shafts, not taper fit spur gears as offered by other manufacturers which have greater backlash, can slip and lose timing. Helical gears are also quieter, reducing mechanical noise.

Magnetic Drain Plugs

Magnetic drain plugs attract iron or steel particles, keeping them from moving through the bearings and seals.

Stronger Bearings

All CP Series blowers include double-row ball bearings at the gear end, stronger than single row ball bearings offered by other manufacturers. Drive shaft bearing is cylindrical roller type for additional strength against side loading from V-belt drives. As a result of this superior design, CP Series bearing life is as much as **50% greater** than models offered by other manufacturers.



Metric Availability

CP Series blowers are available with metric drive shaft and process connections.

Lubrication

Many CP Series models include dual oil splash lubrication at both the gear end and drive end of the blower. Splash lubrication provides for longer bearing and seal life through improved heat dissipation versus grease lubrication.

Short Lead Times and Experts Ready to Assist!

Contact your sales representative for current lead times. Need help in sizing and selection of a CP Series blower? A Tuthill engineer is ready to assist you or download our free sizing software VBXpert by visiting tuthillvacuumblower.com

	18 PSIG	Triple Lip Seals	Sight Glasses	Magnetic Drain Plugs	Reduced Noise Versions Available
Tuthill STANDARD Features	X	X	X	X	X
Competitor A			X	X	X
Competitor B			X	X	X

Standard Models/6

Model	CFM / m ³ /h	HP / kW
2002	8-64 / 17-109	1-5 / 1-4
2004	24-137 / 41-233	1-6 / 1-4
3002	22-136 / 37-231	4-12 / 3-9
3003	30-181 / 51-308	2-15 / 9-11
3006	60-310 / 102-527	5-30 / 4-22
4002	18-184 / 31-313	2-15 / 9-11
4005	40-373 / 68-634	3-32 / 2-24
4007	54-492 / 92-836	4-43 / 3-32
5003	41-324 / 70-550	3-29 / 2-22
5006	68-543 / 116-923	4-50 / 3-37
5009	130-824 / 221-1400	6-49 / 4-37
6005	91-497 / 155-844	5-47 / 4-35
6008	146-798 / 248-1356	7-47 / 5-35
6015	273-1494 / 464-2538	14-54 / 10-40
7006	171-734 / 291-1247	7-55 / 5-41
7011	322-1356 / 547-2304	13-67 / 10-50
7018	560-2240 / 951-3806	21-65 / 16-48

Models with Splash Lubrication/7

Model	CFM / m ³ /h	HP / kW
3002	22-136 / 37-231	4-12 / 3-9
3003	30-181 / 51-308	2-15 / 9-11
3006	60-310 / 102-527	5-30 / 4-22
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