



Positive Displacement Blowers and Vacuum Pumps

Drop-in replacements for various roots-type blowers and vacuum pumps. Used in various industrial applications such as pneumatic conveying, wastewater treatment, surface cleaning, and dairy milking. Handle continuous loads. Alloy steel timing gears assure nonslip timing. High-strength drive shaft provides greater blower durability and installation flexibility. High-strength cylinder with heat-dissipating fins for reduced noise and vibration. High-temperature seals provide leak-free operation in severe-duty applications. Blowers are available in horizontal and vertical configurations.



2EPP4



2EPP7



2EPU8

Inlet Dia.	Outlet Dia.	Displacement	Max. Pressure	Max. Vacuum	RPM Range	CFM Range	HP Req.	Shaft Dia.	Overall Width	Overall Height	Overall Depth	Item No.
Horizontal Right Hand Positive Displacement Blowers												
1 in (F)NPT	1 in (F)NPT	0.2 cu in/rev	12 psi	15.0 in Hg	1389 to 5275	22 to 73	0.8 to 5.1	0.625 in	10 in	7 in	9.25 in	2EPN9
1.25 in (F)NPT	1.25 in (F)NPT	0.54 cu in/rev	15 psi	16.0 in Hg	1091 to 3600	40 to 138	1.1 to 11.5	0.75 in	11.56 in	8.87 in	11.25 in	2EPP8
1.5 in (F)NPT	1.5 in (F)NPT	0.82 cu in/rev	15 psi	16.0 in Hg	955 to 3600	72 to 218	1.7 to 17.7	0.875 in	13.92 in	10.43 in	12.37 in	2EPR5
2 in (F)NPT	2 in (F)NPT	0.42 cu in/rev	7 psi	14.0 in Hg	1389 to 5275	55 to 168	0.7 to 6.1	0.625 in	12 in	7 in	9.25 in	2EPP2
	2 in (F)NPT	0.72 cu in/rev	12 psi	15.0 in Hg	1091 to 3600	57 to 186	1.6 to 12.3	0.75 in	12.44 in	8.87 in	11.25 in	2EPP4
2.5 in (F)NPT	2.5 in (F)NPT	1.24 cu in/rev	7 psi	14.0 in Hg	1091 to 3600	108 to 350	1.1 to 12.4	0.75 in	15.06 in	8.87 in	11.25 in	2EPP6
	2.5 in (F)NPT	1.4 cu in/rev	10 psi	16.0 in Hg	955 to 3600	132 to 376	3.0 to 20	0.875 in	16.17 in	10.43 in	12.37 in	2EPR1
3 in (F)NPT	3 in (F)NPT	1.68 cu in/rev	15 psi	16.0 in Hg	764 to 2850	134 to 359	2.9 to 28.4	1.125 in	16.38 in	11.94 in	15.37 in	2EPT2
	3 in (F)NPT	2.04 cu in/rev	7 psi	14.0 in Hg	955 to 3600	197 to 579	1.6 to 20.3	0.875 in	18.67 in	10.43 in	12.37 in	2EPR3
4 in (F)NPT	4 in (F)NPT	2.72 cu in/rev	15 psi	16.0 in Hg	637 to 2350	152 to 477	3.7 to 37.9	1.375 in	18.61 in	14.75 in	18 in	2EPT8
	4 in (F)NPT	2.52 cu in/rev	13 psi	16.0 in Hg	674 to 2850	209 to 542	4.5 to 36.9	1.125 in	18.38 in	11.94 in	15.37 in	2EPR7
5 in (F)NPT	5 in (F)NPT	4.2 cu in/rev	15 psi	16.0 in Hg	546 to 2050	278 to 682	6 to 53.5	1.562 in	21.12 in	20.68 in	22 in	2EPU5
	5 in (F)NPT	4.59 cu in/rev	14 psi	16.0 in Hg	637 to 2350	267 to 815	6.3 to 59.7	1.375 in	21.86 in	14.93 in	18 in	2EPR9
6 in Flange Mount	6 in Flange Mount	8.61 cu in/rev	7 psi	14.0 in Hg	637 to 2350	615 to 1614	4.1 to 56	1.375 in	28.75 in	16.25 in	18.11 in	2EPT6
8 in Flange Mount	8 in Flange Mount	8.79 cu in/rev	10 psi	16.0 in Hg	546 to 2050	601 to 1383	12 to 71.2	1.562 in	26.62 in	19.5 in	22 in	2EPU1
8 in Flange Mount	8 in Flange Mount	14.04 cu in/rev	6 psi	12.0 in Hg	546 to 2050	1121 to 2368	6.5 to 70	1.562 in	33.62 in	19.5 in	22 in	2EPU3
Vertical Bottom Hand Positive Displacement Blowers												
1 in (F)NPT	1 in (F)NPT	0.2 cu in/rev	12 psi	15.0 in Hg	1945 to 5275	22 to 73	0.8 to 5.1	0.625 in	10 in	9.5 in	6.5 in	2EPP1
1.25 in (F)NPT	1.25 in (F)NPT	0.54 cu in/rev	15 psi	16.0 in Hg	1528 to 3600	40 to 138	1.1 to 11.5	0.75 in	11.56 in	12.37 in	7.75 in	2EPP9
1.5 in (F)NPT	1.5 in (F)NPT	0.82 cu in/rev	15 psi	16.0 in Hg	1337 to 3600	72 to 218	1.7 to 17.7	0.875 in	13.92 in	12.68 in	8.37 in	2EPR6
2 in (F)NPT	2 in (F)NPT	0.42 cu in/rev	7 psi	14.0 in Hg	1945 to 5275	55 to 168	0.7 to 6.1	0.625 in	12 in	9.5 in	6.5 in	2EPP3
	2 in (F)NPT	0.72 cu in/rev	12 psi	15.0 in Hg	1528 to 3600	57 to 186	1.6 to 12.3	0.75 in	12.44 in	12.37 in	7.75 in	2EPP5
2.5 in (F)NPT	2.5 in (F)NPT	1.24 cu in/rev	7 psi	14.0 in Hg	1528 to 3600	108 to 350	1.1 to 12.4	0.75 in	15.06 in	12.37 in	7.75 in	2EPP7
	2.5 in (F)NPT	1.4 cu in/rev	10 psi	16.0 in Hg	1337 to 3600	132 to 376	3.0 to 20	0.875 in	16.17 in	12.68 in	8.37 in	2EPR2
3 in (F)NPT	3 in (F)NPT	1.68 cu in/rev	15 psi	16.0 in Hg	1070 to 2850	134 to 359	2.9 to 28.4	1.125 in	16.38 in	16.6 in	10.37 in	2EPT3
	3 in (F)NPT	2.04 cu in/rev	7 psi	14.0 in Hg	1337 to 3600	197 to 579	1.6 to 20.3	0.875 in	18.67 in	12.68 in	8.37 in	2EPR4
4 in (F)NPT	4 in (F)NPT	2.72 cu in/rev	15 psi	16.0 in Hg	891 to 2350	152 to 477	3.7 to 37.9	1.375 in	18.61 in	20.75 in	12 in	2EPT9
	4 in (F)NPT	2.52 cu in/rev	13 psi	16.0 in Hg	1070 to 2850	209 to 542	4.5 to 36.9	1.125 in	18.38 in	16.6 in	10.37 in	2EPR8
5 in (F)NPT	5 in (F)NPT	4.2 cu in/rev	15 psi	16.0 in Hg	764 to 2050	278 to 682	6 to 53.5	1.562 in	21.12 in	25.5 in	19.37 in	2EPU6
	5 in (F)NPT	4.59 cu in/rev	14 psi	16.0 in Hg	891 to 2350	267 to 815	6.3 to 59.7	1.375 in	21.86 in	20.75 in	12.37 in	2EPT5
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8 in Flange Mount	8 in Flange Mount	14.04 cu in/rev	6 psi	12.0 in Hg	764 to 2050	1121 to 2368	6.5 to 70	1.562 in	33.62 in	25.5 in	17 in	2EPU4

Container Size	ISO Viscosity Grade	Viscosity @ 40C	Viscosity @ 100C	PKG. QTY.	
				1 Item No.	12 Item No.
Synthetic Lubricants					
1 qt	220	213.7 cSt	22.2 cSt	2EPU7	2EPU8

Container Size	NLGI Grade	Temp. Range	Dropping Point	Base	Pkg. Qty.	Item No.
Grease						
14.1 oz	2	Up to 163°C	475 °F	Synthetic Lithium Complex	10	2EPU9

30J550

30J545

30J545

Vacuum Regulators

- Pressure range: -100 to -1.3kPa
- Temp. range: 5° to 60°C

Include bracket and gauge.

Max. Flow Rate	Port Size	Item No.
140 lpm	1/4 in	30J548
240 lpm	5/16 in	30J549
240 lpm	3/8 in	30J550

Water Separators

- Pressure range: -100 to 1000kPa
- Temp. range: 5° to 60°C

Include drain cock and water element.

Max. Flow	Port Size	Mfr. Model	Item No.	FILTER ELEMENTS Item No.
200 lpm	1/4 in	AMJ3000-N02B	30J543	36LU36
300 lpm	3/8 in	AMJ3000-N03B	30J544	36LU36
300 lpm	1/2 in	AMJ4000-N04B	30J545	36LU37
500 lpm	3/4 in	AMJ5000-N06B	30J546	36LU38
500 lpm	1 in	AMJ5000-N10B	30J547	36LU38

30J545

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