



Vacuum Solutions for Environmental Remediation

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CLAW VACUUM PUMPS

Oil-less rotary claw vacuum pumps are ideal for soil vapor extraction, as they require minimal maintenance. Fitted with NEMA motors, they can be operated continuously and with variable frequency drives. Each pump includes a discharge silencer. Both TEFC and XP motors are available.



| | C2 | C3B | C5B | C7LB | C7B | C10B | C15B | C30 |
|-----------------|-----------|------------|------------|-------------|------------|-------------|-------------|------------|
| Motor HP 60 Hz | 2 | 3 | 5 | 7.5 | 7.5 | 10 | 15 | 30 |
| Inlet/Discharge | 1" | 1½" | 1½" | 2" | 2" | 3" | 3" | 4" |
| CFM @ 0" Hg | 40 | 70 | 112 | 165 | 212 | 275 | 350 | 670 |

LIQUID RING VACUUM PUMPS

Single stage liquid ring pumps provide a reliable source of vacuum for medium vacuum applications. Standard models are fitted with mechanical seals. All models can be sealed with either oil or water. They are offered as a bare pump or a complete MB package with motor, coupling, and guard, mounted on a formed base.



| | SL150A | SL200A | 130B | 140B | 150B | 175B |
|---|---------------|---------------|-------------|-------------|-------------|-------------|
| Motor HP 60 Hz | 15 | 20 | 30 | 40 | 50 | 75 |
| Direct Drive RPM | 1750 | 1750 | 1750 | 1750 | 1170 | 1170 |
| Inlet/Discharge | 2½" | 2½" | 4" | 4" | 5" | 5" |
| CFM @ 0" Hg | 205 | 270 | 360 | 540 | 730 | 1110 |
| Two stage models are also available for deeper vacuum requirements. | | | | | | |

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CLAW COMPRESSORS

Rotary claw compressors are ideal for air sparging and other low pressure applications. The claws can be fitted with a variety of motors, depending on the required pressure. Both TEFC and XP versions are available. Each model includes an inlet silencer, inlet filter, and a discharge pressure relief valve.



| | CA2 | CA3 | CA5 | CA7L | CA7 | CA10 | CA15 |
|---------------------|-----|--------|-------|----------|-------|-------------|----------|
| Motors (HP) | 5 | 7.5/10 | 10/15 | 15/20/25 | 20/25 | 20/25/30/40 | 25/40/50 |
| Inlet/Discharge | 1" | 1½" | 1½" | 2" | 2" | 3" | 3" |
| Max. Pressure (PSI) | 29 | 32 | 29 | 32 | 32 | 29 | 29 |

REGENERATIVE BLOWERS

Regenerative blowers for vacuum and pressure are available in a wide variety of sizes. They are made of rugged die cast aluminum and feature outboard bearings for long life. Contact us to cross reference to your model.



INLET FILTERS

Several types of inlet filters are available to fit your application. Standard “L” styles have steel buckets, while in-line “T” style filters can be ordered with steel or clear buckets.



Inlet filters can be fitted with paper elements (2 micron) or polyester elements (5 micron).



Liquid knock out separator includes a stainless steel screen, internal float ball, and clear bucket with bottom drain.

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VACUUM PUMP OIL

Liquid Ring – 10 wt. oil for liquid ring systems is offered in 5 and 55 gallon containers.



Claw – 220 wt. synthetic oil for claw pumps is available in 1 quart and 1 gallon sizes.



OIL MIST DISCHARGE FILTERS

Contact us for replacement oil mist filters and elements for your oil sealed vacuum system. They range in size from 1" to 5" and include threaded taps for drain and gauges.



MECHANICAL SEALS

Universal mechanical seals are applicable for either drive or non-drive sides of liquid ring pumps. We offer them in 28, 35, 38, 43, and 55 mm sizes.



INLET CHECK VALVES

Inlet check valves provide automatic isolation of pumps on multiplex systems. Choose between standard steel valves or brass construction. Sizes range from 1" to 5".



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