

RGN Series

Regenerative SVE Blowers



Features & Specifications

- Featuring **Rotron** and **Rietschle** blowers
- Tangential inlet on moisture separator to provide cyclonic separation of water and vapor, 95% + removal of water by volume
- (2) Vacuum gages standard, to allow monitoring of pressure across filter element
- Integral vacuum relief valve to protect blower from overload under high vacuum conditions
- UL approved motor with permanently sealed ball bearings, approved for Class I, Division I, Group D classified environment per NEC
- Welded steel stand for vertical mounting of separator over blower to minimize footprint
- Steel drum construction of moisture separator with epoxy finish inside & out
- Steel enamel coated inline air filter with replaceable polyester element for 99%+ removal of 5 micron & larger particles
- ¾" Sludge/drain valve on moisture separator

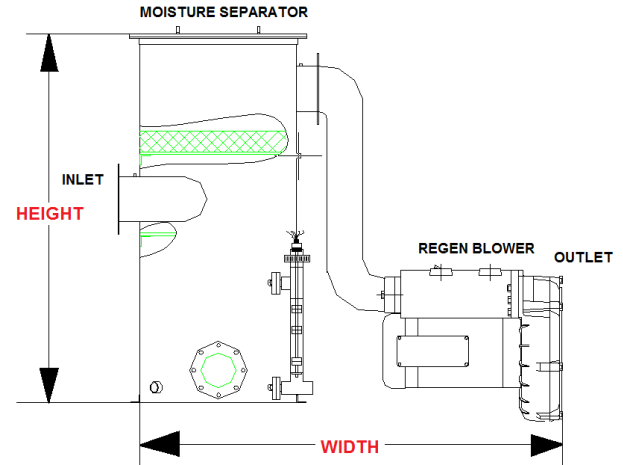
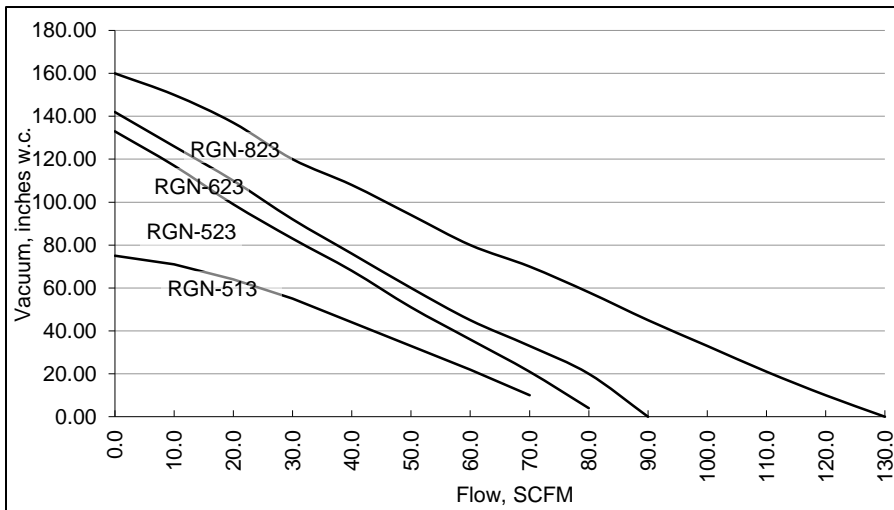
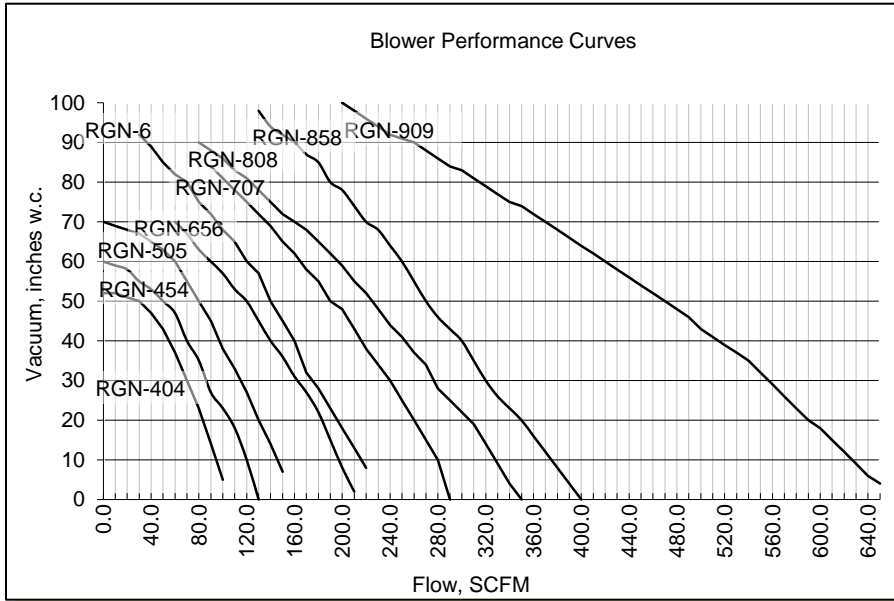


Applications

- Low vacuum soil venting
- Hydrocarbon vapor removal
- Low vacuum dual phase extraction with optional moisture separator pump out
- Bio-pile venting
- Remediation Industry

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Model Number	Width In.	Height In.	Inlet connection In	Outlet connection In	Blower HP	Available Voltage	Separator Holding Capacity gallons	Shipping Weight Lbs.
RGN-404	35"	58"	3 1/4"	4 1/2"	1	115/230 VAC 1 phase 208-230/460 VAC 3phase	40	202
RGN-454	35"	58"	3 1/4"	4 1/2"	1.5	115/230 VAC 1 phase 208-230/460 VAC 3phase	40	208
RGN-513	35"	58"	3 1/4"	4 1/2"	1.5	115/230 VAC 1 phase 208-230/460 VAC 3phase	40	212
RGN-505	35"	58"	3 1/4"	4 1/2"	2	115/230 VAC 1 phase 208-230/460 VAC 3phase	40	215
RGN-523	35"	58"	3 1/4"	4 1/2"	3	230 VAC 1 phase 208-230/460 VAC 3phase	40	225
RGN-623	35"	58"	3 1/4"	4 1/2"	7.5	208-230/460 VAC 3phase	40	470
RGN-656	35"	58"	3 1/4"	4 1/2"	3	230 VAC 1 phase 208-230/460 VAC 3phase	40	245
RGN-6	35"	58"	3 1/4"	4 1/2"	5	230 VAC 1 phase 208-230/460 VAC 3phase	40	420
RGN-707	35"	70"	3 1/4"	4 1/2"	5	230 VAC 1 phase 208-230/460 VAC 3phase	40	440
RGN-808	35"	70"	3 1/4"	4 1/2"	7.5	230 VAC 1 phase 208-230/460 VAC 3phase	40	475
RGN-823	35"	70"	3 1/4"	4 1/2"	7.5	208-230/460 VAC 3phase	40	475
RGN-858	39"	88"	3 1/4"	6.63" ID	10	208-230/460 VAC 3phase	40	510
RGN-909	40"	92"	4"	6.63" ID	15	208-230/460 VAC 3phase	40	875



Options

- NEMA 7 manual motor starter with thermal overload protection
- NEMA 4 manual motor starter with thermal overload protection
- 2" PVC site glass with flange connections for easy removal
- Stainless steel hermetically sealed float rod assembly for use in PVC site glass (single or multiple floats)
- Heat trace or immersion heaters for classified or non-classified electrical areas for freeze protection
- Centrifugal pump to pump off condensate
- R-5 insulation with jacket, (steel or aluminum jacket)
- Air bleed valve
- Pressure relief valve on blower discharge
- Side entry level switches (single or multiple)
- Flow, pressure, level & temperature gages or transmitters
- Custom control panel to control blower, pump and other equipment if required