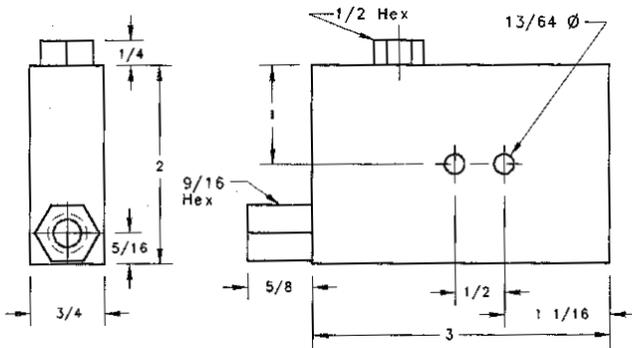


SINGLE STAGE

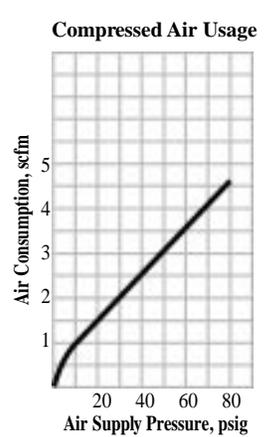
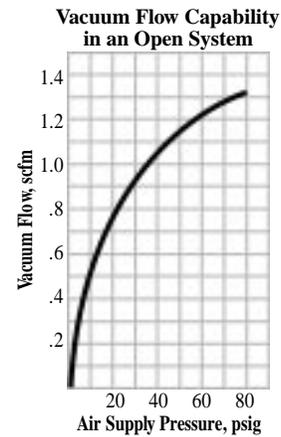
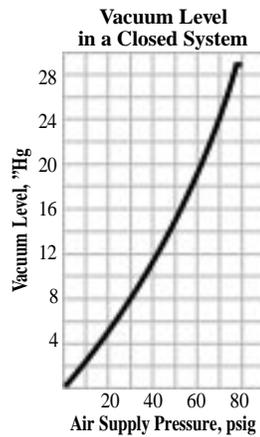


Ultra-Vac's design provides near perfect vacuum of 29.7" Hg. Used to evacuate chambers, degas liquids and in other processes requiring vacuum levels of 1/4" Hg absolute (8 Torr). Ultra-Vac can be used as a first stage in applications requiring high vacuum to reduce operating time of expensive high vacuum pumping systems.

"H" Version

Multiple Venturi pump generates a vacuum level of 29.7" Hg.

Model Number	UV143H
Vacuum Level, "Hg	29.7
Vacuum Flow, scfm	1.3
Air Consumption, scfm	4.2
Weight, oz.	8
Sound Level, dBA	82



Time in Seconds to Evacuate a Volume of 1 Cubic Foot										
"Hg	1.5	3	6	9	12	15	18	21	24	27
UV143H	2.2	3.53	9.31	15	23	33	45	61	85	140

Vacuum Flow Rate, scfm vs. Vacuum Level, "Hg										
"Hg	0	1.5	3	6	9	12	15	18	21	24
UV143H	1.29	1.21	1.14	1.01	.89	.76	.64	.52	.37	.24

- Sound levels recorded with muffler, S 143; see page 24.
- Materials of construction: anodized aluminum and brass.
- Operating temperature (degrees): 0 to 200 F

OEM SERIES



Air-Vac is the leading producer of OEM and special purpose Air-Operated Vacuum Pumps. Vacuum Pumps can be designed to produce specific results or to operate at specific input pressures. Pumps can be designed in a variety of materials, physical sizes and threaded connections.