

SUCTION CABINETS

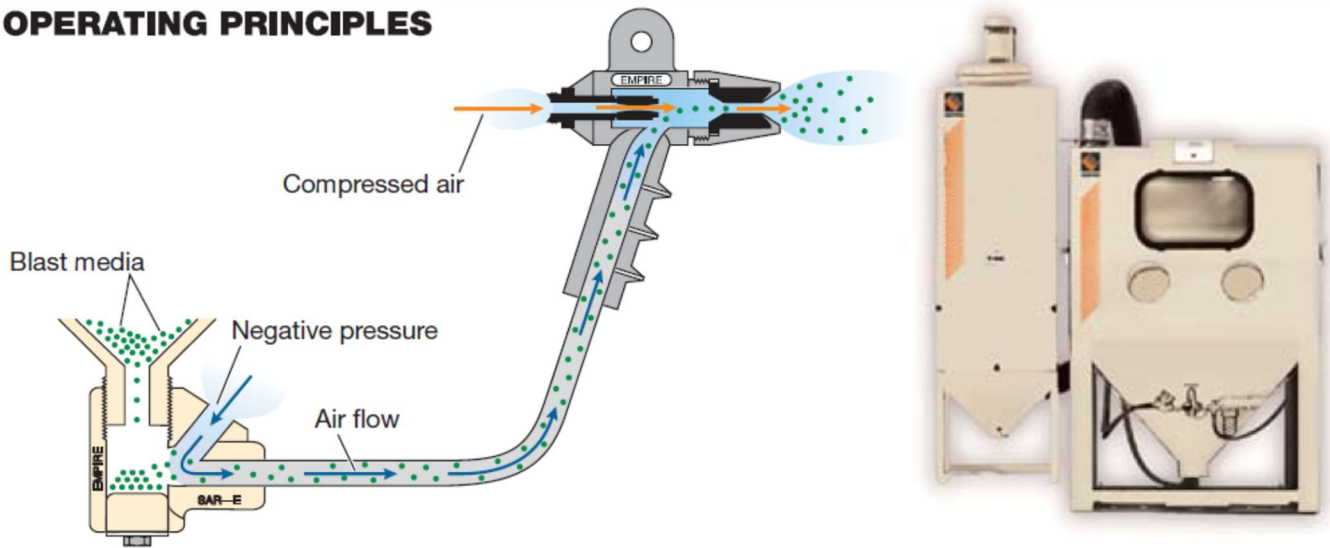
Pro-Finish suction cabinets cost less and are simpler to operate than pressure cabinets. They also blast continuously without the need to stop for media refills, and they simplify the use of multiple nozzles. The results are usually comparable to those achieved with a pressure system although production rates are not as high.

When initial cost and maintenance are primary concerns, the suction system is a good choice. Pro-Finish suction systems come in five sizes and can be specified with a collector or dust bag on smaller units.

A media reclaimer is optional. Nevertheless, when using media that can be recovered, a reclaimer is advisable because it normally pays for itself quickly in terms of reduced waste and high-quality, repeatable results.

Pro-Finish suction cabinets are available with many factory options that contribute to ease of operation, reduced maintenance and greater productivity. Plus, Pro-Finish's modular design lets you upgrade to a pressure system in the field at any time, enabling you to build on your original investment.

OPERATING PRINCIPLES



SUCTION SYSTEMS

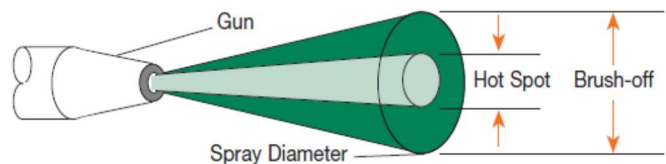
Suction-Blast Air Requirements (SCFM)

Pressure (PSI)	30	40	50	60	70	80	90	100
1/4" nozzle, 3/32" air jet	6	7	8	10	11	12	13	15
1/4" nozzle, 1/8" air jet	10	12	15	17	19	21	23	26
5/16" nozzle, 5/32" air jet*	15	19	23	27	31	37	38	42
7/16" nozzle, 7/32" air jet	31	38	45	52	59	66	73	80

*Unless otherwise specified, this nozzle is supplied.

4 SCFM = 1 compressor horsepower.

Suction-Blast Spray Diameters



Gun ID	Distance from Workpiece					
	6"	12"		18"		
1/4"	1-3/8"	2-5/8"	-	2-3/4"	-	1"
5/16"*	1-1/2"	3-1/2"	1-3/4"	4-1/2"	-	3-3/4"
7/16"	2"	3-3/4"	2"	4-1/2"	-	3-3/4"

* Standard nozzle **Brush-off**

Hot Spot