

DV Dry Vacuum System



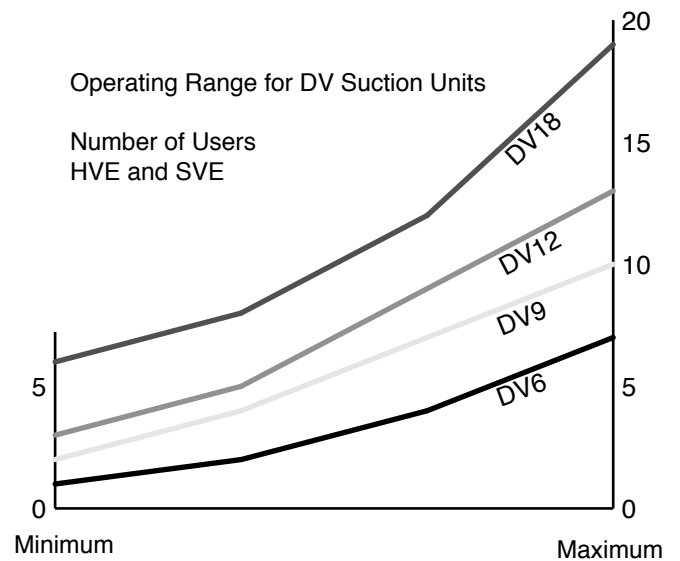
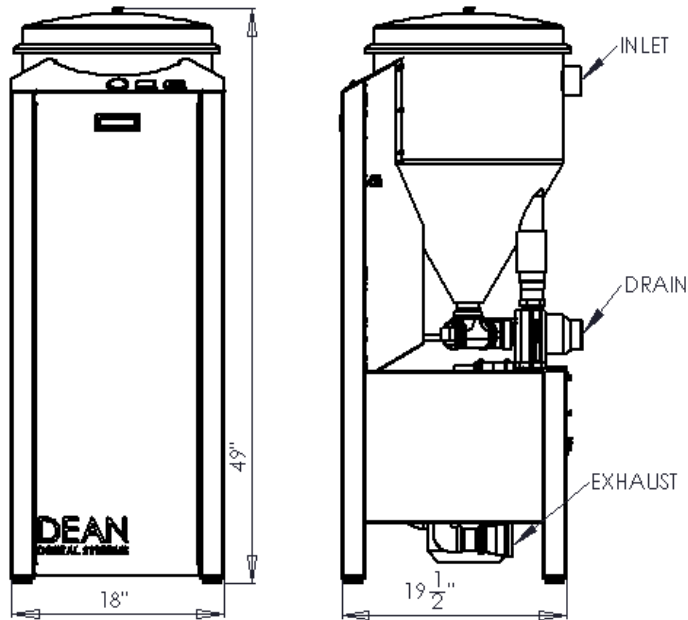
Dry Vacuum Systems use no water. Efficient operation, low maintenance, and Environmentally Responsible Operation. Can replace wet systems showing an immediate savings.

- No Water, No Sewer costs
- No Oil
- Low Maintenance
- Single Moving Part (no belts, pulleys, etc)
- Clear sight areas for visual monitoring
- Easily installs as a replacement to a Liquid Pump
- Ships with 4' of hose, discharge fittings, and 6' power cable



Dean Dental Systems

Dean Dental Systems provides reliable, environmentally responsible equipment designed specifically for the Dental Market.



Choosing the correct size DV to meet practice demands depends on the number of air users and the anticipated air demand. To assure optimum operation, the demands should not exceed the number of air handpiece users shown.

Site Requirements

ELECTRICAL	DV6	DV9	DV12	DV18
Minimum Circuit Breaker Rating	30A	50A	(2x)30A	(2x)50A
Wire Size AWG Minimum Gauge	#12	#10	(2x)#12	(2x)#10
PLUMBING				
Exhaust Vent *increase diameter for every 10' of run	2" Metal Pipe	3" Metal Pipe	(2x)2" Metal Pipe	(2x)3" Metal Pipe
Suction Line Connection at DRV	2 1/2" Hose (incl)	2 1/2" Hose (incl)	(2x)2 1/2" Hose (incl)	(2x)2 1/2" Hose (incl)
Drain Connection	1-1/2" NPT(F)	1-1/2" NPT(F)	(2x)1-1/2" NPT(F)	(2x)1-1/2" NPT(F)
DRV Wash Line (optional)	1/4" Tubing	1/4" Tubing	(2x)1/4" Tubing	(2x)1/4" Tubing

Equipment Specifications

ELECTRICAL	DV6	DV9	DV12	DV18
Voltage (minimum/maximum)	200/275	200/275	200/275	200/275
Phase	1	3	1	3
Frequency	60hz	60hz	60hz	60hz
Full Load Amperage	21 Amps	31	42	62
Average Operating Amperage	6 Amps	10	12	22
Maximum Vacuum	16"Hg	16"Hg	16"Hg	16"Hg
Preset Vacuum Level	7"-10"Hg per site requirement			
Maximum Exhaust Airflow	82.4 CFM	110 CFM	(2x)82.4 CFM	(2x)110 CFM
BTU per Hour	7,850	10,250	10,250	10,250
Horsepower	2.55kW or 3.4HP	3.8kW or 5.09HP	(2x)2.55kW or 3.4HP	(2x)3.8kW or 5.09HP
ENVIRONMENTAL CONDITIONS				
Exhaust Fan Requirements	800 CFM	1500 CFM	1600 CFM	3000 CFM
Ambient Temperature	40-104°F			

Specifications subject to change. Please contact Dean Dental Systems for the latest information.

DV.0711..rev01

Dean Dental Systems
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