

Choosing the correct size VacStar for your practice depends on the number of HVE (High Volume Evacuator) and SE (Saliva Ejector) users anticipated. To assure optimum vacuum, the vacuum demands should not exceed the number of HVE and SE users shown in the chart below:

RECOMMENDED NUMBER OF SIMULTANEOUS USERS

VacStar 20 HVE's + SE's	VacStar 40 HVE's + SE's	*VacStar 50 & 50H HVE's + SE's	*VacStar 80 & 80H HVE's + SE's
2 + 0	3 + 0	4 + 0	7 + 0
1 + 1	2 + 2	3 + 2	6 + 1
0 + 4	1 + 4	2 + 4	5 + 3
	0 + 6	1 + 5	4 + 4
			3 + 6
			2 + 8
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> HVE - <i>High Volume Evacuator</i> SE - <i>Saliva Ejector</i> </div>			1 + 10
			0 + 13

* These combinations apply if both pumps are running together.
If only one pump is running, use the Sizing Guide for VacStar 20 or 40.

MAINTENANCE

Daily Maintenance - Clean vacuum lines

To maintain the cleanliness of your VacStar, including all the vacuum lines and tubing in your dental system, we recommend the daily use of **CleanStream Evacuation System Cleaner**. (see back cover)

Weekly Maintenance - Clean solids collector

Caution: Solids collector may contain biologically hazardous material. Wear protective gloves.

Note: Clean the solids collector **DAILY** during the first week of operation and during the first week of Evacuation System Cleaner usage.

1. Use CleanStream Evacuation System Cleaner.
2. Turn off the power and water supply.
3. Unscrew the solids bowl (counter clock-wise) and remove the screen and gasket. Remove all the sediment build-up from the bowl, screen gasket and inside housing. Rinse thoroughly. See Fig.1.
4. Reassemble the bowl, screen and gasket and screw tightly back onto the solids collector body or replace screen and bowl with Solids Collector Replacement Kit PN 55094 or PN 55880.

Fig. 1



Important: A worn or missing gasket and/or failure to tightly screw the bowl to the solids collector body will cause poor suction due to air leakage.

DO NOT OPERATE THE VACSTAR WITHOUT THE SCREEN INSIDE THE FILTER BOWL.

MAINTENANCE

❑ In-Line Filter Kit

If a VacStar is replacing a previous vacuum pump, an optional In-Line Filter, located in front of the inlet manifold (see Key Parts) is recommended. This In-Line Filter is designed to collect larger quantities of particulates from the discharge BEFORE it flows into the vacuum pump.

Larger quantities of particulates may occur initially due to the VacStar's "pulling" power and to CleanStream Evacuation System Cleaner's ability to break down synthetic debris and proteinaceous deposits that build up in the vacuum lines. Check the filter daily and clean if required. In-Line Filter Kit for Single Vacuum Pumps #55078; for Twin Vacuum Pumps #55079.

OPERATING INFORMATION

❑ AT THE START OF THE DAY

Always TURN ON THE WATER before TURNING ON THE POWER.

❑ The VacStar may be turned on/off from a single, convenient location within the dental suite using a Remote Control Panel (See Optional Accessories).

❑ The vacuum level is factory preset at 10 In Hg (inches of mercury). This is the reading on the gauge when all HVE's (High Volume Evacuators) and SE's (Saliva Ejectors) are CLOSED. Should this setting be too high for your needs, contact your dealer to readjust the setting.

❑ It is recommended that the system run continuously during the day. However, the VacStar can be turned off if suction is not required for a period of 15 minutes or longer.

❑ If one pump is being operated at a time, it is important to alternate pumps on an every other day schedule so that the pumps are used evenly.

❑ AT THE END OF THE DAY

Always TURN THE POWER OFF, then TURN THE WATER OFF.

KEY PARTS IDENTIFICATION - SINGLE UNITS

Fig. 2

