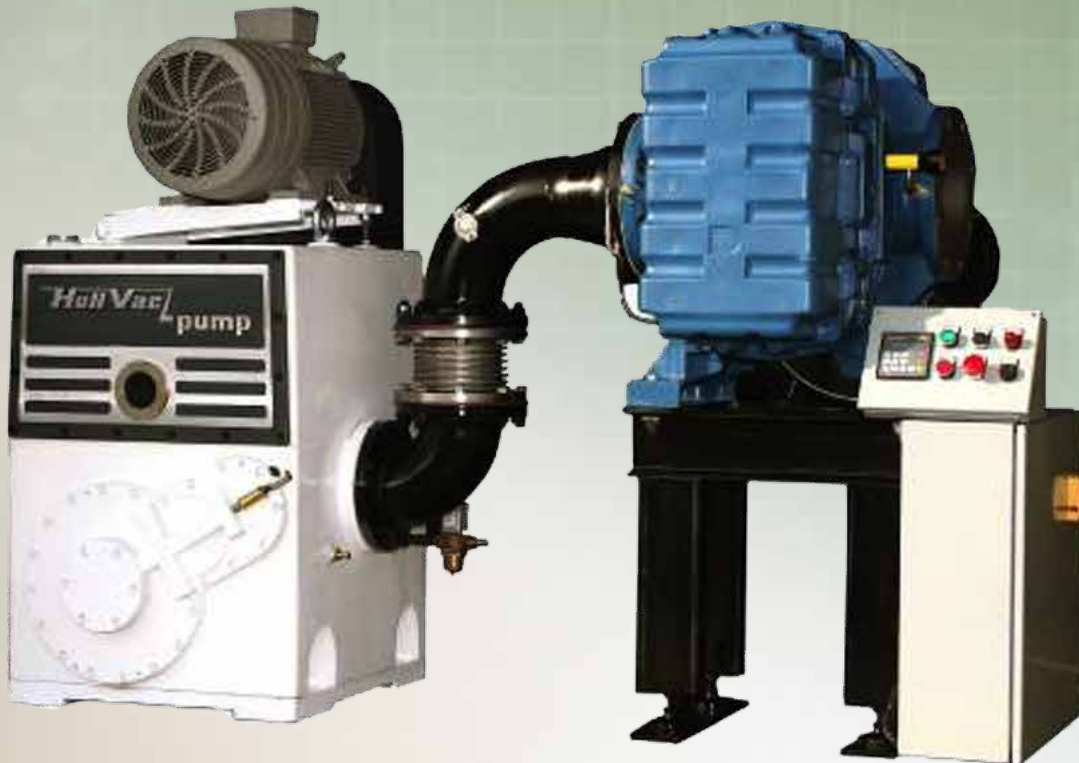


HullVacTM

DuoVac High Vacuum Systems
From 275 CFM to 12,000 CFM



Single Stage Rotary Piston Pumps and High Vacuum Blowers employ the latest design features to maximize trouble free operating life including:

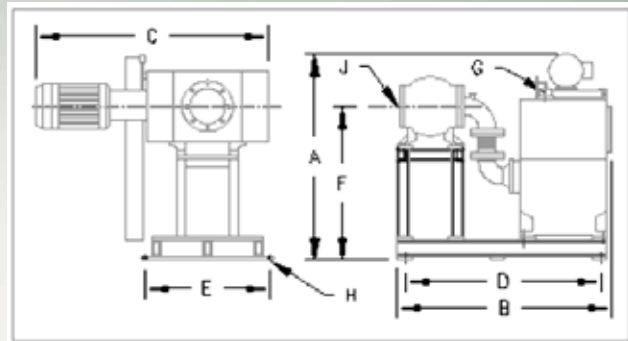
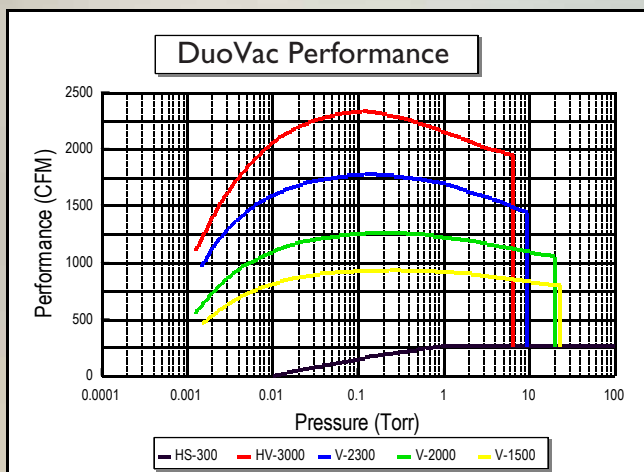
- Piston pumps with outboard bearings, redundant shaft seals and durable steel exhaust valves
- Air cooled direct drive blowers
- Control systems that maximize performance and efficiency

The Next Generation

Get all the improvements in one durable, reliable, tough pump.

DuoVac Specifications	1500	2000	2500	5000
Free Air Displacement (CFM)	1000/300	1410/150	2048/300	3955/635
Standard Motor Power (HP)	5/10	10/10	10/15	20/30
Standard Drive Configuration	Direct/Belt	Direct/Belt	Direct/Belt	Direct/Belt
Standard Rotation Speed (RPM)	3600/490	3600/490	3600/490	3600/555
Standard Cut In Pressure (Torr)	25	20	15	10
Inlet and Outlet Size (ANSI Flange)	6"	6"	6"	8"
Cooling (booster / backing pump)	Air/2gpm	Air/2gpm	Air/3gpm	Air/3gpm
Dimension A (inches)	55	55	55	61
Dimension B (inches)	56.5	56.5	56.5	70
Dimension C (inches)	49.7	53.4	58.9	67
Dimension D (inches)	51.38	51.38	51.38	N/A
Dimension E (inches)	33	33	33	27
Dimension F (inches)	40.75	40.75	40.75	48
Dimension G (inches)	3" PT	3" NPT	3" NPT	4" NPT
Dimension H (pump exhaust)	7/8 Dia Holes	7/8 Dia Holes	7/8 Dia Holes	7/8 Dia Holes
Dimension J (inches)	6" Flange	6" Flange	6" Flange	8" Flange

All systems include a Hull HS-300 rotary piston backing pump and an Aerzen booster pump.



A Better Piston Pump Choice

- Improved design including steel belt guard, larger oil sight port, no freeze plugs to leak, water jacket clean-out ports and optional fail safe atmospheric vacuum break and water miser assemblies.
- Quieter operation with valve deck noise reduction option.
- Interchangeable with Stokes 412 including foot-print, inlet and outlet location and shaft seal and valve deck wear components.

A Better Booster Pump Choice

- Direct drive motor operation reduces seal maintenance and eliminates belt noise and maintenance.
- Quieter operation with motor noise reduction option.
- Tough air-cooled design allows variable frequency drive control option.
- Variable frequency drive option reduces cycle time by starting the booster at atmosphere.

A Better Package Choice

- Designed for higher uptime, and reduced maintenance through better drive choices, better control choices and better component choices.
- Whole package variable frequency drive option reduces operating and wear costs during low demand periods.
- Interchangeable foot print and inlet and outlet locations with Stokes 1722 and 1738 packages. Direct drive motor can be mounted on either side.

DEKKER, a privately-held, ISO 9001 certified company headquartered in Michigan City, Indiana, is one of the top vacuum equipment suppliers in the industry. DEKKER built its reputation with some of the most efficient and reliable products on the market, a staff known for its expertise, and a solutions-based approach to customer applications based on hundreds of installations.

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