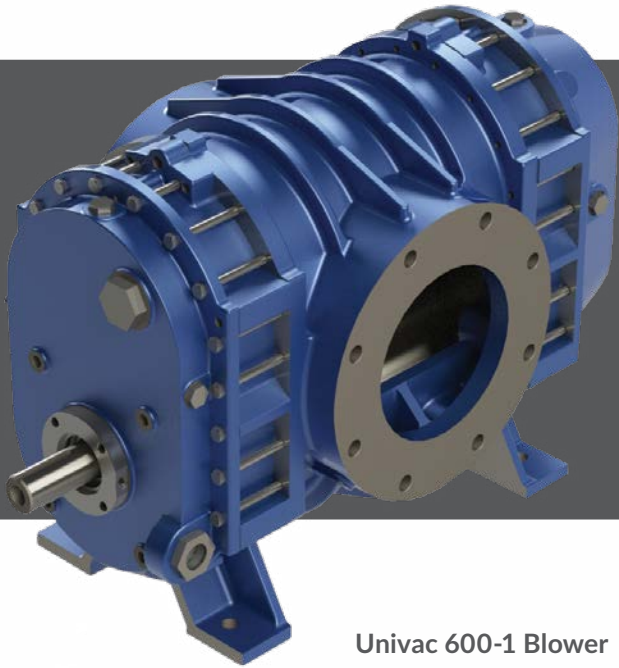




Univac 600-1 Blower

Univac Rotary Lobe Blowers

Trillium's Univac Series of Rotary Lobe Blowers are an excellent choice for vacuum heat treating, vacuum drying, environmental test and other low pressure applications where rapid pump down or high gas flows are necessary. In addition, these pumps are direct drop-in replacements for Stokes 310BP, 607, 615 and 622 series blower variants.

Available as Bareshaft or in a range of 3 Phase Motor Direct Drive configurations, Univac Rotary Lobe Blowers can be mounted in standardized or customized pumping frames for easy integration with your primary pump(s). These workhorses offer robust construction and proven reliability for the toughest jobs in vacuum.

COMPETITIVE

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Immediate Availability

HIGH QUALITY

Full Engineering Department
ISO-9001 Certified

COMPATIBLE

Fully Interchangeable
with Stokes Product

WELL SUPPORTED

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Univac Rotary Lobe Blowers

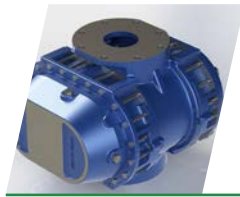
PERFORMANCE SPECIFICATIONS: 1800 RPM

Specifications	UNIVAC 300	UNIVAC 600-7	UNIVAC 600 (1, 2, BP)	UNIVAC 600-22
Displacement	400 CFM	612 CFM	1300 CFM	2000 CFM
Ultimate Pressure	Dependent on Backing Pump			
Motor Rating*	2 HP	7.5 HP	7.5 HP	20 HP
Rotational Speed	1800 RPM			
Weight**	250 lbs	475 lbs	615 lbs	740 lbs
Inlet Size	4" ASA	6" ASA	8" ASA	8" ASA
Outlet Size	4" ASA	6" ASA	8" ASA	8" ASA
Cooling	Air			

* If equipped, otherwise bare shaft. ** Bare shaft, without motor weight.



Univac 300



Univac 600-07

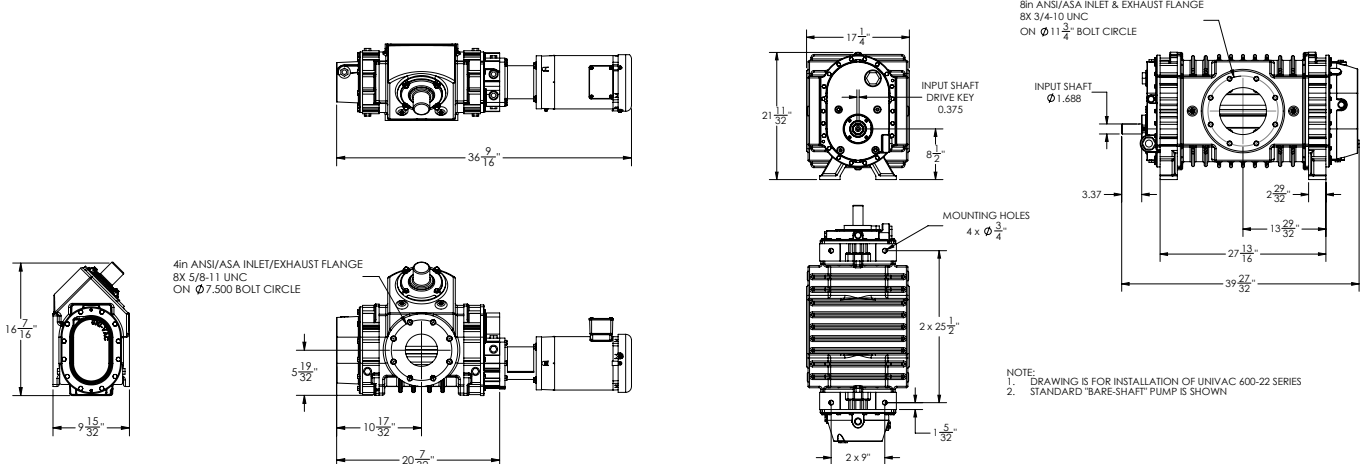


Univac 600



Univac 600-22

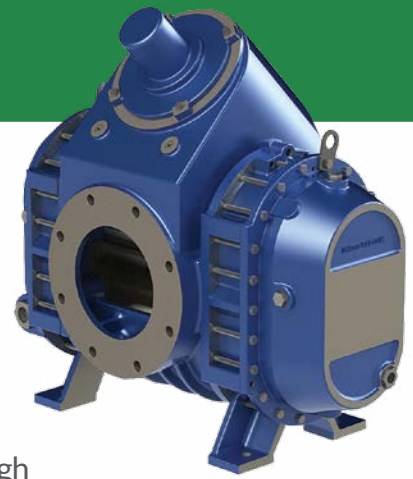
DIMENSIONAL DATA



Univac 300

Univac 600-22

Univac 600-BP Blower



Trillium offers all of its 6" Univac Rotary Lobe Blowers in high speed variants which are useful for achieving higher pumping speeds below atmospheric pressure while conserving the footprint of your pumping system. Dimensionally, each variant is identical to its 1800 RPM counterpart. The MHR (Horizontal) and MVR (Vertical) variants achieve higher speeds through the incorporation of specially balanced lightweight lobes as well as a mechanical seal on the input shaft. Our lightweight lobes offer superior performance and due to their reduced mass, make our high speed blowers 35% more energy efficient, which translates into reduced operating cost for our customers. In addition to the MHR/MVR features, 5HR and 5VR variants include internal mechanical seals to isolate process gases to the swept volume, as well as water cooled bearing housings to offset the additional heat generated from this configuration. Specific detail of each configuration, as well as achievable pumping speeds are listed below.

PERFORMANCE SPECIFICATIONS FOR HIGH SPEED UNIVAC 600 VARIANTS

Model	Flow Direction	Input Shaft Mech Seal	Process Isolation (5 Mech Seals)	Body Cooling	2750 RPM	3000 RPM	3600 RPM
600-7-MHR	Horizontal	Yes	No	Air	935 CFM	1020 CFM	1224 CFM
600-7-MVR	Vertical						
600-7-5HR	Horizontal		Yes	Water			
600-7-5VR	Vertical						
600-MHR	Horizontal		No	Air	2000 CFM	2170 CFM	2600 CFM
600-MVR	Vertical						
600-5HR	Horizontal		Yes	Water			
600-5VR	Vertical						
600-BP-MHR	Horizontal		No	Air	2350 CFM	3000 CFM	3900 CFM
600-BP-MVR	Vertical						
600-BP-5HR	Horizontal		Yes	Water			
600-BP-5VR	Vertical						
600-22-MHR	Horizontal		No	Air			
600-22-MVR	Vertical						
600-22-5HR	Horizontal		Yes	Water			
600-22-5VR	Vertical						



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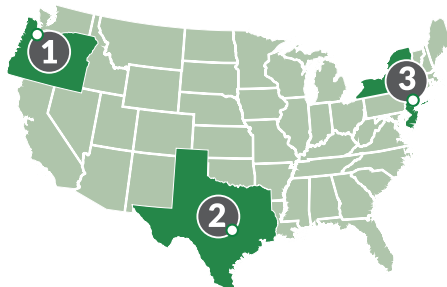


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