

Vane Pumps- Two- Stage

U.S. VACUUM

7 - 63 CFM

Vacuum to: 0.005

USV Series Rotary Vane Vacuum Pumps



USV pumps are Two-Stage Rotary Vane Air-Cooled vacuum pumps capable of producing an ultimate vacuum of .0005 mm Hg. All pumps come with an anti suck-back valve, gas ballast valve, ISO/KF connections, base & rubber feet. Single phase pumps come with 2 meter 120V power cord & on-off switch.

USV pumps are ideally suited for use in applications such as Air Conditioning & refrigeration evacuation, vacuum ovens, backing turbomolecular pumps, degassing, cylinder filling, sampling applications and others.

Models US-200/400 come standard with 1/60/115-230V
Models US-650/1000/1800 come standard with 3/60/230-460 motor.

Other motor voltages available on request.

Technical Data

MODEL		200	400	650	1000	1800
Displacement	CFM	7	14	22	35	63
Ultimate Vacuum	Torr	.0005 mm Hg				
Noise Level	dba	56	56	57	56	56
Motor	Hp	1/2	1	1	2	3
Pump Speed	RPM	1800				
Oil Capacity	Qt.	0.62	1.5	2.9	4	6.9
Inlet, ISO-KF	mm	KF25			KF40	
Pump Weight	Lbs.	53	70	114	141	194

Vacuum Pump Oil

Tested to high vacuum levels, this oil meets rigid requirements for vapor pressure, stability & viscosity

Size	Cat. No
Quart	US-350SS-32
Gallon	US-350SS-128
5 Gallon	US-350SS-5
55 Gallon	US-350SS-55



Exhaust Filter

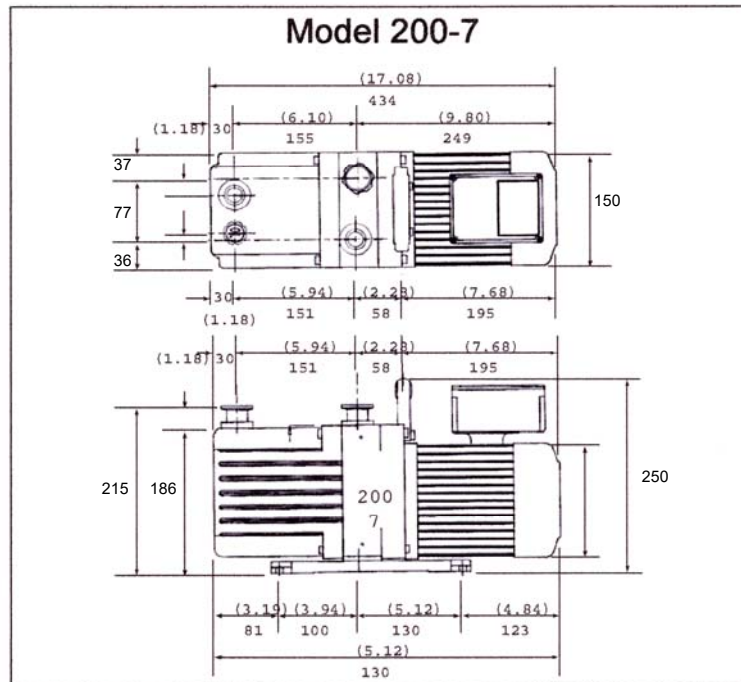
Use when pumping continuously above 1 Torr. Captures oil mist from pump for clean oil-free discharge

Pump Model	Cat. No
US-200	EE-GL915NW25
US-400	EE-GL925NW25
US-600	VFSG848NW40
US-1000	VFSG848NW40
US-1800	VFSG850NW40



888-416-7366

DIMENSIONS (mm)



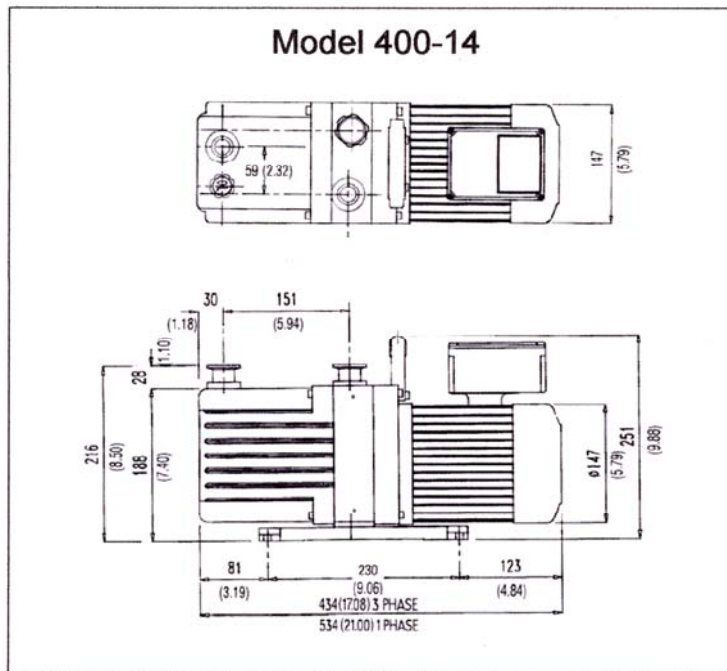
Dimensions subject to change without notice

US VACUUM PUMPS LLC

P.O. BOX 909 - CANTON, TX 75103 - (888) 416-7366 Fax (877) 416-7599

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DIMENSIONS (mm)



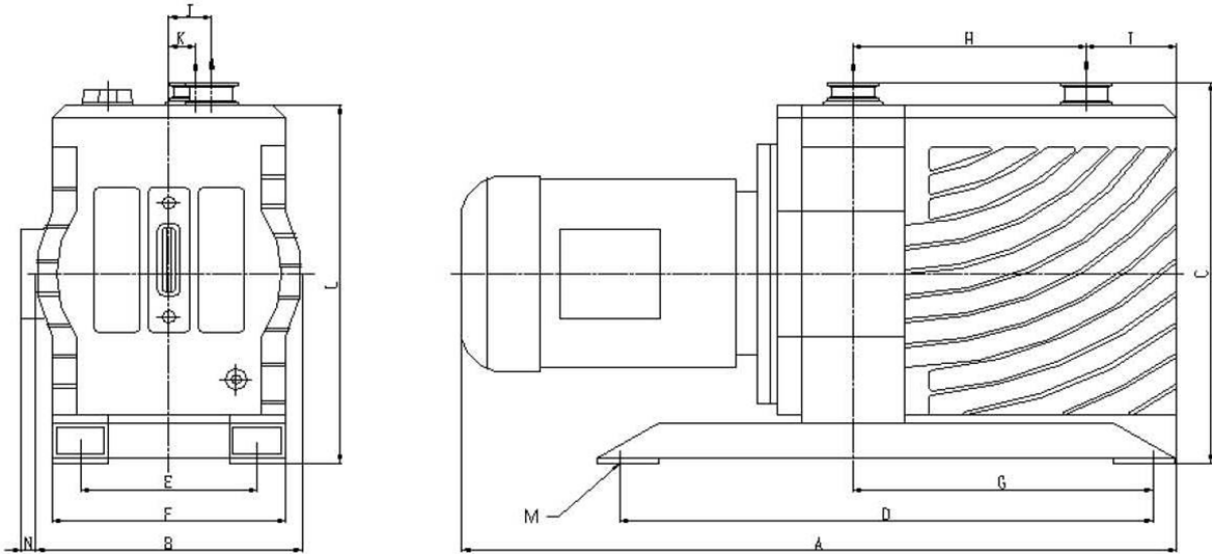
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DIMENSIONS (mm)



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
USV650	565	205	288	310	140	180	147	186	75	40	34	262	12	48
USV1000	680	250	335	485	155	215	290	235	80	28	45	310	14	20
USV1800	801	280	410	600	185	245	360	295	95	28	45	385	14	0

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