

UVD Series Rotary Vane Vacuum Pumps



UVD40

Since 1923 Pneumofore has designed and produced vacuum pumps and air compressors, featuring original solutions, the result of constant efforts in research and development.

The Pneumofore UVD rotary vane oil free vacuum pumps represent the simplest and most convenient system whenever a punctual source of vacuum without contaminants is needed.

Their special design with limited weight and dimensions, the rotor directly assembled on the motor shaft and a powerful centrifugal fan ensuring their cooling, make the UVD series extremely compact and reliable.

UVD vacuum pumps are suitable for evacuation of small closed systems up to a residual pressure of 120 mbar.

Main Features	Components and Accessories
<ul style="list-style-type: none"> • Monobloc industrial design type. • Air cooling by motor fan. • Limited overall dimensions and weight, ideal for applications in small spaces. • Reduced power consumption compared with liquid ring pumps with same nominal capacity. • Very low noise level. • Motor-pump connection ensured by a drive coupling. 	<ul style="list-style-type: none"> • Hose connection at the inlet. • Inlet protection filter. • Silencer at the exhaust. • Vibration dumping. • Check valve. <p>Accessories:</p> <ul style="list-style-type: none"> • Motor rating. • Inlet additional filters. • Suction pads and fittings. • Vacuum regulating valves. • Vacuum gauges.

Applications
<ul style="list-style-type: none"> • Food processing and packaging. • Printing and paper industries. • Wood handling and smoothing. • Gas collection. • Lifting devices. • Electromedical aspirators. • Laboratories.

Model	Air Suction		Max Vacuum %	Residual Press. mbar ass.	Pump Motor 380V 3ph		Intake	Noise Level (Pneurop)		Dimensions L x W x H mm	Weight kg
	50 Hz	60 Hz			50 Hz	60 Hz		50 Hz	60 Hz		
	m ³ /h		kW		dB(A)	dB(A)					
UVD3 ^(*)	3	3,3	88%	120	0,12	0,14	9 mm	62	65	210x125x135	5
UVD6 ^(*)	6	7	88%	120	0,25	0,3	1/4"G	60	62	253x163x163	7,5
UVD10 ^(*)	10	12	88%	120	0,37	0,45	1/2"G	64	66	304x182x174	14
UVD16 ^(*)	16	19	88%	120	0,55	0,66	1/2"G	63	65	424x206x273	27,5
UVD25 ^(*)	25	29	88%	120	0,75	0,9	3/4"G	65	67	424x206x273	28,5
UVD40 ^(*)	40	46	88%	120	1,5	1,8	1"G	68	67	494x230x295	37,5
UVD60	60	70	88%	120	1,5	1,8	1"G	70	72	682x363x375	73
UVD80	80	90	88%	120	2,2	2,7	1"G	72	74	712x363x375	77
UVD100	100	115	88%	120	3	3,6	1"1/2G	75	77	810x363x375	98,5
UVD140	140	160	88%	120	4	4,8	1"1/2G	76	78	830x363x375	102,5

All the pumps are equipped with 3ph motor 240-400V, 50-60 Hz. (*) Available also in single phase version.