



UVL105 C

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 UVL rotary vane vacuum pumps represent the simplest and most convenient system whenever a punctual source of vacuum is needed. Thanks to the high quality of materials and components and to the technology of construction, the single stage UVL vacuum pumps achieve one of the best vacuum level attained by similar units available on the market. Pneumofore offers guidance for dimensioning and proper plant installation.

Main Features	Components and Accessories
<ul style="list-style-type: none"> • Air cooled. • Limited overall dimensions and weight, ideal for applications in small spaces. • Reduced power consumption compared to liquid ring pumps with same nominal capacity. • RA models available in case of water condensate suction. • Nominal capacity from 2 to 305 m³/h single stage. • Fits on-board of several process units. • Easy to handle. • Vacuum levels obtained: 99,95% [0,5 mbar(a)] the best in the category of normal systems for production of industrial vacuum. 	<ul style="list-style-type: none"> • Coolant filter cartridge (from UVL40 up) for lubrication circuit. • Effective built-in coolant damping and recovery system, to eliminate coolant vapors at the exhaust. • Special sealing device to prevent return of fluids, should the pump be stopped. • Coolant level indicator, for a fast visual check. • Vibration dumping. • Check valve integrated. <p>Optional:</p> <ul style="list-style-type: none"> • Vacuum regulating valves. • Vacuum gauges. • Inlet filters with metal case, easy to clean or replace. • Water vapor separator filters.

Model	Air Suction		Operating Pressure	Water vapor tolerance	Water vapor capacity	Pump Motor 400V 3ph		Intake	Noise Level		Dimensions	Weight			
	50 Hz	60 Hz				50 Hz	60 Hz		BSP	50 Hz			60 Hz	L x W x H mm	kg
	m ³ /h									kW			dB (A)		
UVL2	2	2,5	500 - 20	-	-	0,12 [*]	0,14 [*]	9 mm.	57	59	248 125 138	5,4			
UVL3	3	3,2	200 - 2						58	59	248 125 135				
UVL4	4	4,4											57	59	248 125 138
UVL6	6	7													
UVL8	8	9	3/8"						58	60	295 168 133		9		
UVL12	12	14	400 - 2	40	0,3	0,55 [*]	0,66 [*]	1/2"	60	62	345 182 156	14			
UVL18	18	21	200 - 2	30	0,4	0,75 [*]	0,9 [*]		64	66	355 232 174	18,5			
UVL25	25	29	400 - 0,5	40	0,7				62	65	358 295 224	25,5			
UVL25 V**	25	29		354 328 190	24,5										
UVL40	40	48	400 - 0,5	30	0,9	1,1 [*]	1,35 [*]	1"	66	68	492 320 291	43,5			
UVL60	60	72		40	1,8	1,5	1,8		1 1/2"	68	70	706 382 315	70		
UVL105 C	105	125		30	2,2	2,2	2,7	70						72	725 382 315
UVL150 C	150	180		25	2,5	3	3,6		72	74	855 538 444	154			
UVL205 C	205	245			3,5	4	4,8								
UVL305 C	305	365			5	5,5	6,7	74					76	924 538 444	164

(*) Available also in single phase version.

(**) V = Viton gaskets

All the pumps are equipped with 3ph motor, 230-400V, 50 Hz/60 Hz.