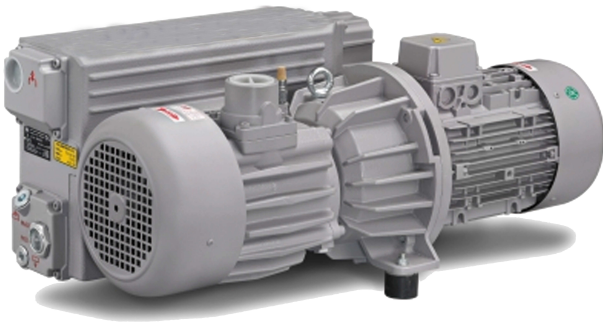


# UVL Series

## Rotary Vane Vacuum Pumps

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.



UVL106 C

Main Features	Components and Accessories
<ul style="list-style-type: none"> <li>• <b>Air cooled.</b></li> <li>• <b>Limited overall dimensions and weight</b>, ideal for applications in small spaces.</li> <li>• <b>Reduced power consumption</b> compared to liquid ring pumps with same nominal capacity.</li> <li>• <b>RA models</b> available in case of water condensate suction.</li> <li>• <b>Nominal capacity from 2 to 305 m<sup>3</sup>/h single stage.</b></li> <li>• <b>Fits on-board</b> of several process units.</li> <li>• <b>Easy to handle.</b></li> <li>• <b>Vacuum levels</b> obtained: 99,95% [0,5 mbar(a)] the best in the category of normal systems for production of industrial vacuum.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Coolant filter cartridge</b> (from UVL40 C up) for lubrication circuit.</li> <li>• <b>Effective built-in coolant damping and recovery system</b> to eliminate coolant vapors at the exhaust.</li> <li>• <b>Special sealing device</b> to prevent return of fluids, should the pump be stopped.</li> <li>• <b>Coolant level indicator</b>, for a fast visual check.</li> <li>• <b>Vibration dumping</b></li> <li>• <b>Check valve</b> integrated.</li> </ul> <p><b>Optional</b></p> <ul style="list-style-type: none"> <li>• <b>Vacuum regulating valves</b></li> <li>• <b>Vacuum gauges</b></li> <li>• <b>Inlet filters</b> with metal case, easy to clean or replace.</li> <li>• <b>Water vapor separator filters.</b></li> </ul>

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		50 Hz	60 Hz				
	m <sup>3</sup> /h												kW	
UVL2	2	2,5	500 - 20	-	-	0,12 <sup>*</sup>	0,15 <sup>*</sup>	9 mm.	57	59	248 125 138	5,4		
UVL3	3	3,2							56	58	248 125 135			
UVL4	4	4,4							57	59	248 125 138			
UVL6	6	7							289 168 133	9				
UVL8	8	9									295 168 133			
UVL12 C	12	14	400 - 2	35	0,3	0,45 <sup>*</sup>	0,55 <sup>*</sup>	1/2"	62	64	338 180 166	12,5		
UVL20 C	20	24	400 - 2	15	0,25	0,75 <sup>*</sup>	0,9 <sup>*</sup>		64	66	355 232 174	18,5		
UVL25 C	25	29	400 - 0,5	40	0,7			1 1/2"	68	70	62	65	356 280 212	26
UVL40 C	40	48		30	0,9	1,1 <sup>*</sup>	1,35 <sup>*</sup>				66	68	492 320 291	43,5
UVL60 C	60	72		40	1,8	1,5	1,8				707 392 292	71		
UVL106 C	106	127		11	1	2,2 <sup>**</sup>	2,7 <sup>**</sup>							
UVL151 C	151	181		11	1,4	3,3 <sup>**</sup>	3,7 <sup>**</sup>				70	72	743 392 292	80
UVL205 C	205	245		25	3,5	5,5 <sup>**</sup>	6,6 <sup>**</sup>				72	74	905 538 444	154
UVL305 C	305	365			5	7,5 <sup>**</sup>	8,6 <sup>**</sup>				74	76	965 538 444	164

(\*) Available also in single phase version.

(\*\*) IE2 Efficiency Motor

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

Pneumofore S.p.A.  
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UNI EN 9001:2008  
and ISO 14001:2004

Since 1923 • Air Compressors and Vacuum Pumps • Plant Engineering • Worldwide Service  
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