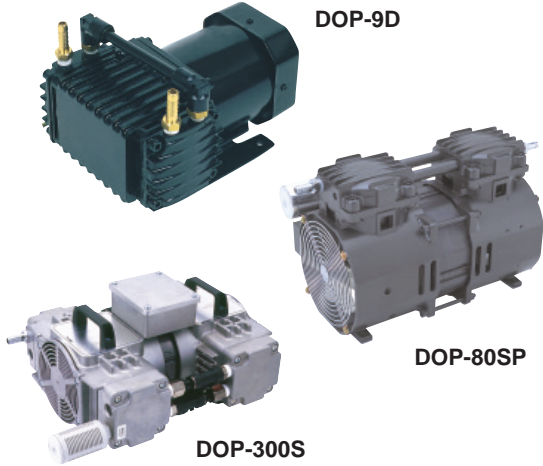


# Dry Vacuum Pump Selection Guide

Please select a model which meets customers' needs from a wide range of pumps and styles.

Type	Model	Actual Pumping Speed L/min(50/60Hz)	Ultimate pressure Pa	Features	
Diaphragm Type	Standard type/Vacuum and Pressure type	DAL-5S	5/6	24.0 x 10 <sup>3</sup>	<ul style="list-style-type: none"> <li>• Oil Free Clean Pumping</li> <li>• Compact Design</li> <li>• Low Noise Level</li> <li>• Easy to maintain</li> <li>• DAP-15, DAP-30 are Vacuum and Pressure type. They are available to pressure till 0.15 Mpa.</li> </ul>
		DAP-6D	6/7	6.65 x 10 <sup>3</sup>	
		DAP-12S	12/14	24.0 x 10 <sup>3</sup>	
		DA-15S	12/15	26.6 x 10 <sup>3</sup>	
		DA-15D	12/15	6.65 x 10 <sup>3</sup>	
		DA-30S	24/30	26.6 x 10 <sup>3</sup>	
		DA-20D	20/24	5.3 x 10 <sup>3</sup>	
		DA-40S	40/46	19.9 x 10 <sup>3</sup>	
		DA-30D	30/36	6.7 x 10 <sup>3</sup>	
		DA-60S	60/72	21.3 x 10 <sup>3</sup>	
		DA-41D	40/46	3.3 x 10 <sup>3</sup>	
		DA-81S	75/85	13.3 x 10 <sup>3</sup>	
		DA-60D	60/72	3.32 x 10 <sup>3</sup>	
		DA-120S	120/144	13.3 x 10 <sup>3</sup>	
		DA-121D	120/145	3.3 x 10 <sup>3</sup>	
		DA-241S	240/260	16.0 x 10 <sup>3</sup>	
		DAT-50D	50/55	3.3 x 10 <sup>3</sup>	
		DAT-100S	100/110	13.3 x 10 <sup>3</sup>	
		DAL-181D	180/210	3.3 x 10 <sup>3</sup>	
		DAL-361S	360/390	17.3 x 10 <sup>3</sup>	
DAP-15	15/18	39.9 x 10 <sup>3</sup>			
DAP-30	30/36	33.3 x 10 <sup>3</sup>			
Chemical type		DTC-21/21K	20/24	1.0 x 10 <sup>3</sup>	<ul style="list-style-type: none"> <li>• Low Ultimate Pressure</li> <li>• All components that see the gas are made in PTFE.</li> <li>• Anti-corrosive / chemistry Version</li> <li>• Suitable for pumping out corrosive gas or organic solvent.</li> </ul>
		DTC-41/41K	40/46	1.0 x 10 <sup>3</sup>	
		DTC-60	60/70	1.0 x 10 <sup>3</sup>	
		DTC-120	120/140	1.0 x 10 <sup>3</sup>	



Type	Model	Actual Pumping Speed L/min(50/60Hz)	Ultimate pressure Pa	Features
Rocking Piston Type	DOP-9D	9.0/9.8	6.7 x 10 <sup>3</sup>	<ul style="list-style-type: none"> <li>• There are Standard type, Pressure type, Pressure and Vacuum type.</li> <li>• Pressure type is possible to use as the small compressor.</li> <li>• The system is simple and easy maintenance.</li> </ul> 
	DOP-40D	40/44	1.2 x 10 <sup>3</sup>	
	DOP-80S	80/88	5.4 x 10 <sup>3</sup>	
	DOP-80SP	80/84	Pressure type	
	DOP-200S	200/220	8.0 x 10 <sup>3</sup>	
	DOP-50S4	50/55	8.0 x 10 <sup>3</sup>	
	DOP-100T	100/110	0.4 x 10 <sup>3</sup>	
	DOP-100ST	100/110	8.0 x 10 <sup>3</sup>	
	DOP-50DT	50/55	1.2 x 10 <sup>3</sup>	
	DOP-50F	50/55	0.27 x 10 <sup>3</sup>	
	DOP-300S	300/330	8.0 x 10 <sup>3</sup>	
	DOP-150T	140/160	0.4 x 10 <sup>3</sup>	
Scroll type	DIS-090	90/108	5.0	<ul style="list-style-type: none"> <li>• Clean vacuum</li> <li>• Low noise and less vibration</li> <li>• No necessity for daily oil check/exchange</li> <li>• No necessity for cooling water</li> <li>• High efficiency</li> <li>• Long maintenance cycle</li> </ul>
	DIS-250	250/300	1.6	
	DIS-500	500/600	1.0	
	DVS-321	265/320	1.5	
	DVS-631	525/630	1.0	
	DISL-100	100/120	50.0	
	DISL-500	430/520	10.0	
Mechanical Booster Pump	MBS-010	167/200	4.0 x 10 <sup>-2</sup>	<ul style="list-style-type: none"> <li>• Compact and light weight with direct drive</li> <li>• Anti-corrosive gas facing parts with special surface treatment.</li> <li>• Low vibration and noise with precise manufacturing technology.</li> <li>• Few contamination in the discharge system due to no oil used in the pumping room.</li> </ul>
	MBS-030	500/600	4.0 x 10 <sup>-2</sup>	
	MBS-050	833/1000	4.0 x 10 <sup>-2</sup>	