

Vacuum Pump



Oil lubricated vacuum pump

COVP is a compact oil lubricated vacuum pump series, ready for connection and operation. The main electrical motor is directly connected to the pumping module with a flexible coupling to reduce the power loss. This rotary vane vacuum pump operates with continuous oil recirculation. It is robust, reliable and guaranteed by **AIR24**.

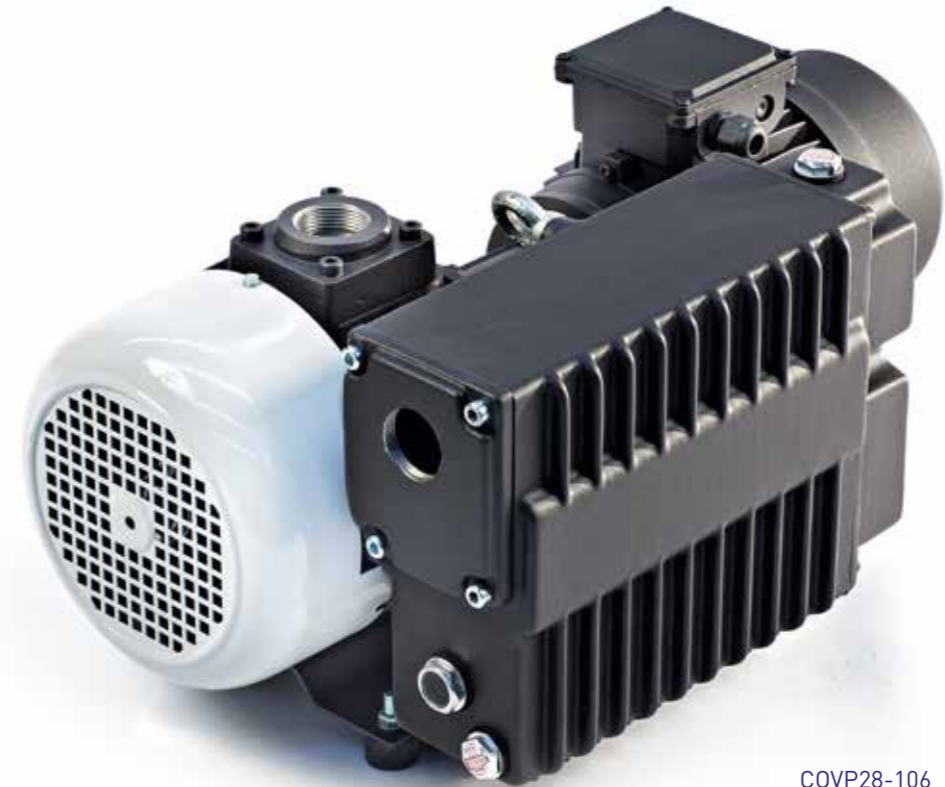
From the size of COVP154 is fitted with oil cooler to regulate the optimal oil temperature in the whole oil system. Our pumps are equipped with a suction valve which also works as a non return valve. To protect the pump and system by electrical shut off. COVP pumps are fitted with an oil tank which is the first coarse separator and the place of coalescing oil filtration, with air/oil separator filter or filters, mainly depend from the size of the pump. This separated oil is recirculated back into the oil system from the separation chamber.

COVP rotary vane vacuum pumps operate 24 hours a day 7 days of the week. Its electric motors are 1 and 3 phase versions operation of water steam polluted system we recomend the B series with its 10 mbar final vacuum level and save the oil quality as well. The COVP range are fitted with gasballast system for adding extra fresh air into the compression chamber and oil from contaminated water and gas.

COVP vacuum pump volume flow range is between 28 and 835 m³/hour, final vacuum is 0,5 or 10 mbar (abs.) depending on type of the model.



COVP28-38-46-65-106 vacuum pump



COVP28-106

Type	COVP28	COVP38	COVP46	COVP65	COVP106
Air24 Item	9002100001	9002100002	9002100003	9002100004	9002100005
ph	3ph	3ph	3ph	3ph	3ph
Capacity (m ³ /h)	28	38	46	65	106
Final pressure (mbar)	0,5	0,5	0,5	0,5	0,5
Voltage (V)	230-400	230-400	230-400	230-400	230-400
Power (KW)	0,75	1,1	1,1	1,5	2,2
Rotation speed (1/min)	900	1450	1450	1450	1450
Sound level (dB)	68	67	67	68	69
Connection (In)	1,1/4 - 1,1/4	1,1/4 - 1,1/4	1,1/4 - 1,1/4	1,1/4 - 1,1/4	1,1/2 - 1,1/2
Size WxLxH (mm)	342x635x283	342x635x283	342x635x283	342x643x283	435x765x320
Weight (Kg)	57	61	61	64	92
Oil filling (Litre)	2	2	2	2	3

COVP154 vacuum pump



COVP154

Type	COVP154
Air24 Item	9002100006
ph	3ph
Capacity (m ³ /h)	154
Final pressure (mbar)	0,5
Voltage (V)	230-400
Power (KW)	3
Rotation speed (1/min)	1450
Sound level (dB)	71
Connection (In)	1,1/2 - 1,1/2
Size WxLxH (mm)	436x805x320
Weight (Kg)	104
Oil filling (Litre)	3

COVP 200-260-300-360 vacuum pump



COVP200-360

Type	COVP200	COVP260	COVP300	COVP360
Air24 Item	9002100007	9002100008	9002100009	9002100010
ph	3ph	3ph	3ph	3ph
Capacity (m ³ /h)	200	260	300	360
Final pressure (mbar)	0,5	0,5	0,5	0,5
Voltage (V)	230-400	400-690	400-690	400-690
Power (KW)	4	5,5	5,5	7,5
Rotation speed (1/min)	1450	1450	1450	1450
Sound level (dB)	72	73	74	76
Connection (In)	2 - 2	2 - 2	2 - 2	2 - 2
Size WxLxH (mm)	570x1106x555	570x1130x555	570x1130x555	570x1230x555
Weight (Kg)	190	190	200	210
Oil filling (Litre)	8	8	8	8



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