

Pumps, vacuum, one, two and three stage, oil free, PTFE, chemical duty



WELCH-ILMVAC

For use with rotary evaporators, vacuum ovens and vacuum concentrators. Also for use for filtration, evaporation, drying and degassing.

- Very high flow, oil free vacuum pumps
- Handle corrosive and aggressive vapours without damage
- Vibration damping feet
- Integrated protective switchgear for the motor
- The pump and connection heads are carbon fibre reinforced to provide electrical conductivity and prevent electrostatic charging

Where larger laboratory apparatus is used, e.g., pilot scale evaporation or large vacuum ovens, conventional oil sealed pumps may be insufficient. Welch Ilmvac offers a range of large pumps which provide the advantages of oil free, chemical resistance combined with outstanding flow and vacuum characteristics for large scale applications.

Chemically resistant, for applications involving aggressive solvents and acidic vapours. The diaphragms and all gas contaminated parts are made from PTFE and PTFE compound.



Technical Specification - Specific

	10417354	12612905	11812253	10099519	12692895
Model No	MPC 601 T	MPC 1201 T	MPC 901 Z	MPC 1201 E	MPC 2401 E
Free air displacement, L/ min [m ³ / bar]	75	135	113	138	258
Vacuum, mbar	<2	<2	<8	<75	<75
Connections, inlet/outlet	DN 8 hose nozzle	DN 16 KF flange	DN 8 hose nozzle	DN 8 hose nozzle	DN 16 KF flange
Mass, kg	18.3	32.8	18.3	18.3	32.8
Dimensions [w x d x h], mm	230 x 380 x 169	540 x 300 x 240	230 x 380 x 169	230 x 380 x 169	540 x 300 x 240

Technical Specification - General

Electrical supply 230V, 50/60Hz

Catalogue No	Legacy No	Alt. No	Description
10417354	-	412743	MPC 601 T diaphragm pump
12612905	-	412783	MPC 1201 T diaphragm pump
11812253	-	412742	MPC 901 Z diaphragm pump
10099519	-	412741	MPC 1201 E diaphragm pump
12692895	-	412781	MPC 2401 E diaphragm pump

Accessories

Catalogue No	Legacy No	Alt. No	Description
13554920	-	404005	Vacuum oven kit, KF16 and KF25
13564920	-	404006	Advanced vacuum oven kit, KF16 and KF25
11896423	-	700458	Vacuum regulator with dial gauge
10799074	-	710953	PP hose nozzle DN 8, complete with Viton O-ring
13574920	-	828377	Silicone hose, 8mm I.D., 2mm wall thickness, per metre
10061242	-	828310-4	Red rubber hose, 8mm I.D., 5mm wall thickness, per metre

For vacuum gauges,
please see pages
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