

Thermo Scientific Pumps

We offer both oil-free and deep vacuum pumps depending on your SpeedVac application.



Oil-Free Vacuum Pumps

Product Features

- ETFE coated heads and ETFE/PFA diaphragms
- OFP400 recommended for evaporating samples in acidic environments such as HCl, TFA, acetic or formic acid, aggressive/volatile organics (methylene chloride, acetone, hexane) and strong bases (ammonium hydroxide)
- Quiet, efficient operation
- Attains vacuum level of below 1 torr
- Suitable for use with the refrigerated vapor trap models RVT5105 or RVT400
- Oil-free pumps eliminate maintenance associated with oil pumps

Deep Vacuum Oil Pumps

Product Features

- Four models to choose from to suit your application
- Available for use with acids or DMSO/DMF
- Low noise level, 48 dBA
- Three-position gas ballast control
- Standard oil drain kit simplifies oil change
- Two separate oil inlet ports
- Thermal overload switches with automatic reset
- Recommended for applications requiring high vacuum

Oil-Free Low Vacuum Pump

Product Features

- Hermetically sealed pump provides a clean and dry vacuum to prevent cross contamination
- Oil free pump eliminates maintenance associated with oil pumps
- Higher displacement than standard oil free pumps

Oil-Free Vacuum Pump Ordering Information

Model No.	Description	Voltage	Displacement	Max. Vacuum	Shipping Dimensions H x W x D in (mm)	Shipping Weight lbs (kg)
OFP400-115	ETFE/PFA 4-headed diaphragm vacuum pump	115V 50/60 Hz	30 liters/minute at 50 Hz	0.6 torr (0.75 mbar)	18 x 8 x 15 (460 x 210 x 390)	49.5 (22.5)
OFP400-230	ETFE/PFA 4-headed vacuum pump	230V 50/60 Hz	36 liters/minute at 60 Hz	0.6 torr (0.75 mbar)	18 x 8 x 15 (460 x 210 x 390)	49.5 (22.5)
OFP5C-115	Scroll Pump	115/60 Hz	96.7 liters/minute at 60 Hz	0.5 torr (0.06 x 10 ² mbar)	11.8 x 9.1 x 17.3 (300 x 230 x 440)	23 (51)
OFP5C-230	Scroll Pump	230/50 Hz	96.7 liters/minute at 60 Hz	0.8 torr (0.07 x 10 ² mbar)	11.8 x 9.1 x 17.3 (300 x 230 x 440)	23 (51)

Deep Vacuum Pump Ordering Information

Model No.	Description	Voltage	Displacement	Max. Vacuum	Shipping Dimensions H x W x D in (mm)	Shipping Weight lbs (kg)
VLP120-115	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	115V 50/60 Hz	97 liters/minute at 50 Hz	1.5 mtorr/1.95 x 10 ³ mbar	9 x 6 x 17 (230 x 160 x 420)	48 (22)
VLP120-230	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	230V 50/60 Hz	116 liters/minute at 60 Hz	1.5 mtorr/1.95 x 10 ³ mbar	9 x 6 x 17 (230 x 160 x 420)	48 (22)
VLP200-115	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	115V 50/60 Hz	162 liters/minute at 50 Hz	1.5 mtorr/1.95 x 10 ³ mbar	11 x 6 x 19 (260 x 160 x 470)	57 (26)
VLP200-230	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	230V 50/60 Hz	195 liters/minute at 60 Hz	1.5 mtorr/1.95 x 10 ³ mbar	11 x 6 x 19 (260 x 160 x 470)	57 (26)
VLP285-115	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	115V 50/60 Hz	237 liters/minute at 50 Hz	1.5 mtorr/1.95 x 10 ³ mbar	11 x 6 x 19 (260 x 160 x 470)	58 (26)
VLP285-230	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	230V 50/60 Hz	283 liters/minute at 60 Hz	1.5 mtorr/1.95 x 10 ³ mbar	11 x 6 x 19 (260 x 160 x 470)	58 (26)
VLP80-115	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	115V 50/60 Hz	62 liters/minute at 50 Hz	1.5 mtorr/1.95 x 10 ³ mbar	9 x 6 x 17 (230 x 160 x 420)	48 (22)
VLP80-230	Vacuum pump, includes Oil Mist Eliminator, (OME190), 2 filters and line cord	230V 50/60 Hz	76 liters/minute at 60 Hz	1.5 mtorr/1.95 x 10 ³ mbar	9 x 6 x 17 (230 x 160 x 420)	48 (22)
VLP80DDA-115	High-vacuum pump with VPOF110, includes Oil Mist Eliminator (OME190), 2 filters, line cord	115V 50/60 Hz	62 liters/minute at 50 Hz	1.5 mtorr/1.95 x 10 ³ mbar	9 x 6 x 17 (230 x 160 x 420)	48 (22)
VLP80DDA-230	High-vacuum pump with VPOF110, includes Oil Mist Eliminator (OME190), 2 filters, line cord	230V 50/60 Hz	76 liters/minute at 60 Hz	1.5 mtorr/1.95 x 10 ³ mbar	9 x 6 x 17 (230 x 160 x 420)	48 (22)