



Leybold OF-3000

Technical Specifications

Part Numbers of the Oil Filtering Systems (doesn't include filtering element or oil)

OF-3000 (Standard)	898625
OF-3000 prepared for PFPE	899455
OF-3000C coated and prepared for PFPE	899450

Part Numbers of Filtering Elements

Aluminum Oxide	.898523
Fullers Earth	.99 171 159
Hydrophilic	.898525
Particulate (pleated paper)	.898599
Particulate (fiberglass)	.99 171 158

Gear Pump Motor	1/6 hp, 115/208/230 volts, 3.6/1.8 amps, single phase, (A coated version is used with the OF-3000C.)
Gear Pump	0.7 gpm at 1725 rpm

Pressure Gauge	0-100 psig (0-700 K Pa)
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Oil Pressure	See Section 6.2 for a detailed explanation.
Initial*	0 psig
For room-temperature oil†	30 to 55 psig
For warm oil	5 to 30 psig
When element is clogged	>50 psig

Oil Capacity	3 gallons of hydrocarbon oil or 48 lbs. of perfluoropolyether
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Flexible Hoses	6-feet long x 3/8" ID; Teflon with stainless steel braid
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Dimensions	14" W x 18" L x 25 5/8" H
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Maximum Run	The OF-3000 can operate 10 to 15 feet away from the vacuum pump horizontally. Vertically, it can operate up to 5 feet above the pump; there is no restriction on the distance it can operate below the pump.
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Dry Weight w/o Filter Element	65 lbs.
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*The pressure rises as soon as the oil displaces any air in the OF-3000.

†This pressure gradually decreases as the vacuum pump approaches its operating temperature.