OM

Large Capacity Dust Handling Vacuum Units

The central vacuum cleaner Optimuum is a mid-range machine with a large capacity. This model is available with a 3 or 4 kW vacuum pump, which can be set for direct start or equipped with a frequency converter to improve its thermal efficiency and overall effectiveness.

The pump is designed and made in Europe, with a robust construction to ensure its long and problem-free life. The standard pump has a separate vacuum relief valve and a thermal protection. The mounted muffler keeps the noise levels as low as possible.
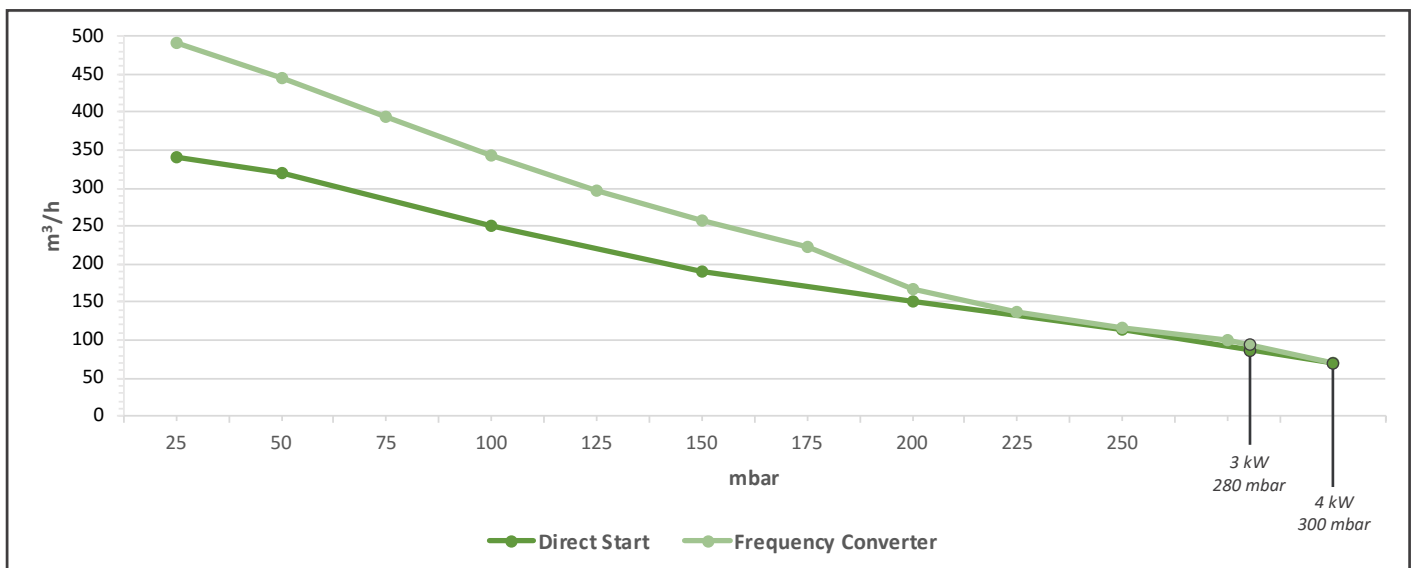
Optimuum is built on a strong and stable frame, resting on four adjustable feet to insure its secure installation. These same holes can be used to anchor the unit to the ground.

The centrifugal separator has a steel hinged dust container which can easily be opened and closed by a lever. The collected garbage is gathered inside a plastic bag within the dust container for an easy and hygienic manipulation.

The polyester filter complies with the BIA requirements for the class "M". Its surface is 4 m2 and its conical shape increase the efficiency of its filter cleaning function. The standard vacuum unit is delivered with a semi-automatic filter cleaning function, but can be upgraded to a fully automatic compressed air cleaning function.

Air Flow Chart with a 3kW & 4kW Vacuum Pump from Esam

Technical Specifications

		Optimuum	Optimuum
Size	*LxWxH [cm]*	52x78x162	52x78x162
Weight	*kg*	72	78
Power supply	*V / kW*	400 V, 3 kW	400 V, 4 kW
Power consumption	*A*	7	9
Fuse, delayed	*A*	10	10
Starter, type	*D/FI*	Direct	Direct
Motor protection	*Clixon/PTC*	Clixon	Clixon
Airflow	*m³/h*	330	330
Vacuum	*mbar*	280	300
Inlet diameter	*mm*	63	63
Outlet diameter	*mm*	80	80
Filter, size	*m²*	4	4
Material		Polyester	Polyester
Type		Conical	Conical
Filtration		BIA Class M	BIA Class M
Filter cleaning, type		Manual	Manual
Dust bucket, volume	*l*	40	40
Dust bag, capacity	*l*	50	50
Dust bag full, indicator		No	No
Compressor		No	No
Silencer		Yes	Yes
No simultaneous users		1	1