



Oil Free Piston Type Compressors 0.4-1.5 kW

SUPER QUIET,
MAINTENANCE-FREE



Vortex oil-free compressors, produced on ultimate flexibility and maximum reliability. Vortex oil-free compressors can be modified according to different requirements of the customer, such as different pressure and outputs, different size receivers or dryers due to their modular design.

Oil-less has always its advantages. It can be used on healthcare, laboratory or instrumentation applications, pursuing the expanding need of pure, environmentally clean compressed air. Vortex Oil-less Compressors are ideal for continuous or intermittent operations.

High technology Vortex Oilless Piston Type Compressors have low vibration and low noise levels. Direct driven and direct startup is available.

High Pressure

Newly developed cooling system and lip ring material allow for standard 0.8MPa (1.0MPa optional)

Low Noise

Vibrating lip ring compression method, crank room air intake and optimization of suction port enable a reduction in tone of operating noise

Long Maintenance Interval

Overhaul periods of up to 8,000 hours (0.8MPa)

Versatile

Easy integration into a variety of applications



Capacity	VOFP 0.40	VOFP 0.75	VOFP 1.5
Flow Rate	42 l/ min.	85 l/ min.	170 l/ min.
Working Pressure	8/10	8/10	8/10
Nominal Motor Power	0.4 kW	0.75 kW	0.75 kW x 2
Motor Speed	1410 rpm	1410 rpm	1410 rpm
Motor Type	monophase	monophase	monophase
Driving Voltage / Cycles	230V / 50 Hz	230V / 50 Hz	230V / 50 Hz
Start Type	On/Off	On/Off	On/Off
Full Loaded Current Consumption	3.3 A	4.5 A	9 A
Drive Type	Direct Drive	Direct Drive	Direct Drive
Weight of compressor	48kg	52 kg	60 kg
Compressed Air Outlet	1/2"	1/2"	1/2"
Dimensions of compressor (W x L x H)(mm)	300x650x500 / Ø323x50	340x750x650 / Ø460x55	340x750x650 / Ø480x55
Min. / Max. Ambient Temperature	0 / + 40 °C	0 / + 40 °C	0 / + 40 °C
Air receiver capacity	25Lt	50Lt	50Lt