

DPOF Series

100% Oil Free Reciprocating Piston Air Compressor

1.5KW - 30KW



Reciprocating
Oil Free
Air Compressor

What is 100% Oil Free Compressed Air?

Based on the oil lubrication for air compressor, one can differentiate air compressors under two broad categories like oil-free air compressors and oil-lubricated air compressors. Some of the oil-free air compressors require oil lubrication in some parts however the main compression chamber does not require any oil in an oil-free air compressor.

Oil-lubricated air compressors have piston rings inside the compression chamber. This piston rings requires oil lubrication to reduce the wear & tear apart from metal to metal contact. Hence the air inside these compressors comes in contact with the oil, which makes the compressed air oil-contaminated & not suitable for many critical applications.

The compressed air, free of any oil contamination, is oil-free compressed air. There are special types of compressors, such as oil-free reciprocating piston air compressors capable of delivering uncontaminated air. Oil-free compressed air has many applications.



Deep Pneumatics offers: DPOF Series, 100% Oil Free Reciprocating Piston Air Compressor

Application of 100% Oil Free Compressed Air:

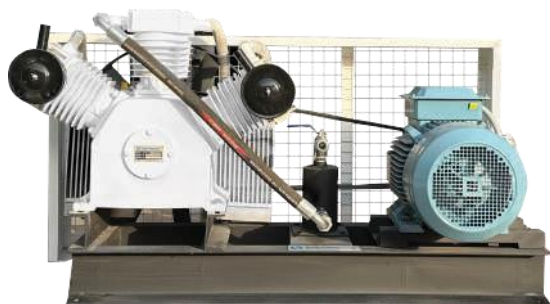
Medical & Healthcare	Defence
Gas Chromatography	Electronics
Research Laboratory	Precision Cleaning
Food Packaging	Painting
PSA Generation	Speciality Chemicals
Pharmaceuticals	Gem & Jewellery
Dairy	Oil & Gas

Many more..

To meet with such a demanding performance in various compressed air applications,

100% Oil Free Reciprocating Piston Air Compressor: DPOF Series

Unique Features	Advantages	Customer Benefits
100% Oil Free Air	No risk of oil carry-over & contamination	100% Peace of Mind
Industrial Duty Compressor Block	Improved FAD & Performance	Lower Operating Cost
High Efficiency Electric Motor	Higher Electrical Efficiency	Lower Running Cost
Superior Teflon Piston Rings	Lower Wear & Tear	Lower Running & Maintenance Cost
High Efficiency Valve	Consistent Performance	Reliable Operations
Low Vibrations	Easy Installation	Saving on Installation Cost
Lower Noise Level	Point of Use Application	Lower Pressure Drop for Energy Saving
Environment Friendly	Zero Oil Content	Compliance with Regulatory Body



Technical Specifications

Model	No of Cylinder	Motor (HP)	Pressure (PSIG)	FAD (CFM)	Tank Capacity (L)	Outlet (BSPF)	Weight (KG)	Dimension (L x W x H- MM)
DP270NL	2	2	116	5	120	1/2" BSP F	200	1400 x 610 x 920
DP370NL	2	3	116	7	150	1/2" BSP F	220	1400 x 610 x 920
DP595NL	2	5	116	14	200	1/2" BSP F	300	1400 x 610 x 1050
DP7395NL	3	7.5	116	28	250	1/2" BSP F	340	1650 x 700 x 1095
DP7395TNL	3	7.5	160	19	250	1/2" BSP F	340	1650 x 700 x 1095
DP1311NL	3	10	116	37	300	1/2" BSP F	415	1850 x 700 x 1095
DP1311TNL	3	10	160	25	300	1/2" BSP F	415	1850 x 700 x 1095
DP1525NL	3	15	116	40	500	1" BSP F	535	1850 x 800 x 1200
DP1525TNL	3	15	160	32	500	1" BSP F	535	1850 x 800 x 1200
DP2030TNL	3	20	160	45	500	1" BSP F	585	1850 x 800 x 1200

Available Options:

Base Mounted

- **Silenced Canopy** – To eliminate the noise in-line with industry specific regulations.
- **Variable Speed Drive** – Energy Savings to optimise the performance.
- **Multi-compressor Control** – Single control panel to control up to 6 Compressors

Note:

Free Air Delivery (FAD) tested as per IS 5456.

Due to continuous improvement, specifications are subject to change without prior notice.

Product image is only for representation.

Our Widespread Sales Network:

