



Deep Pneumatics®

Transformation towards sustainable growth



Oil Lubricated Screw Air Compressor

(Fixed Speed & Variable Speed Drive)

10HP - 340HP

DIRECT DRIVE 1:1 TRANSMISSION



Screw Air Compressor

Why Vibrant Series Screw Air Compressor ?

The Vibrant Series uses an efficient 1:1 direct drive system that eliminates transmission losses and maximizes power delivery. By directly coupling the motor and airend, it achieves higher efficiency with lower energy consumption.

It's compact, maintenance-free coupling design ensures smoother operation and reduced wear. With fewer moving parts than belt or gear drives, it delivers long-term reliability and stable performance.

Vibrant series screw air element is coupled with energy efficient electric motor to generate uninterrupted compressed air & maintain consistent pressure in the compressed air system.

Vibrant series is designed for tropical condition to suit high temperature, dusty & humid environments to suit the operating conditions. It provides highly dependable operations with low noise, higher FAD output and optimum total cost of ownership - making it a durable and cost effective choice for the industries.

Vibrant series screw air compressors are ideal for industries and workshops with a consistent, 24/7 demand for compressed air, such as: Automotive production | Food & beverage production | General industrial use | Manufacturing | Pharmaceuticals.



<i>Unique Features</i>	<i>Advantages</i>	<i>Customer Benefits</i>
Reliable screw element	Enhanced performance	Power saving
Energy efficient motor	Power saving	Low operating cost
1:1 Direct drive	Higher transmission efficiency	Lower break-down
Large combi-cooler	Lower operating temperature	Less moisture in outlet
Intelligent controller	Easy monitoring & control	Predictive maintenance
Heavy duty air filter	Effective filtration	Improved service life
Unique intake valve	Simple design	Long service life
Tall design air-oil separator tank	Efficient oil separation	Low oil carry-over

Technical Parameters of Vibrant Series Screw Air Compressor

Model	Motor Power		Capacity (FAD)	Working Pressure	Dimensions (L x B x H)	Gross Weight	Noise	Air Outlet
	KW	HP	CFM	BAR	MM	KG	dB(A)	DN
DP7.5D	5.5	7.5	30 / 28 / 26 / 24	7/8/10/13	960 x 750 x 870	260	67	15
DP10D	7.5	10	42 / 40 / 35 / 30	7/8/10/13	960 x 750 x 870	280	67	15
DP15D	11	15	67 / 64 / 56 / 45	7/8/10/13	1160 x 750 x 1090	380	67	20
DP20D	15	20	91 / 86 / 78 / 64	7/8/10/13	1160 x 750 x 1090	400	67	20
DP25D	18.5	25	115 / 110 / 95 / 84	7/8/10/13	1380 x 900 x 1160	450	68	25
DP30D	22	30	148 / 142 / 120 / 105	7/8/10/13	1380 x 900 x 1160	480	68	25
DP40D	30	40	194 / 185 / 155 / 135	7/8/10/13	1600 x 1050 x 1340	650	70	40
DP50D	37	50	248 / 242 / 215 / 180	7/8/10/13	1600 x 1050 x 1340	720	70	40
DP60D	45	60	300 / 285 / 245 / 230	7/8/10/13	1850 x 1150 x 1340	950	72	40
DP75D	55	75	382 / 365 / 325 / 280	7/8/10/13	1850 x 1270 x 1550	1550	72	63
DP100D	75	100	505 / 475 / 425 / 375	7/8/10/13	2110 x 1270 x 1550	1850	75	63
DP120D	90	120	582 / 550 / 450 / 425	7/8/10/13	2110 x 1270 x 1550	2300	75	63
DP150D	110	150	715 / 701 / 610 / 535	7/8/10/13	2700 x 1720 x 1850	2950	78	80
DP180D	132	180	860 / 847 / 720 / 580	7/8/10/13	2700 x 1720 x 1850	3150	78	80
DP220D	160	220	1060 / 1027 / 901 / 790	7/8/10/13	3650 x 2300 x 2200	4550	81	100
DP250D	185	250	1332 / 1305 / 1075 / 890	7/8/10/13	3650 x 2300 x 2200	4700	81	100
DP340D	250	340	1475 / 1435 / 1335 / 1025	7/8/10/13	4260 x 2560 x 2200	6800	81	125

Technical Parameter of Vibrant Series Screw Air Compressor ATD Package

Model	Motor Power		Capacity (FAD)	Working Pressure	Air Receiver	Dimensions (L x B x H)	Gross Weight	Noise	Air Outlet
	KW	HP	CFM	BAR	LTR	MM	KG	dB(A)	DN
DP7.5 ATD	5.5	7.5	30 / 28 / 26 / 24	7 / 8 / 10 / 13	300	2100 x 1000 x 1450	550	67	15
DP10 ATD	7.5	10	42 / 40 / 35 / 30	7 / 8 / 10 / 13	300	2100 x 1000 x 1450	580	67	15
DP15 ATD	11	15	67 / 64 / 56 / 45 / 30	7 / 8 / 10 / 13 / 16	500	2150 x 1120 x 1850	725	67	20
DP20 ATD	15	20	91 / 86 / 78 / 64 / 42	7 / 8 / 10 / 13 / 16	500	2150 x 1120 x 1850	750	67	20

Note:

Vibrant ATD Series with Air Receiver, Refrigerated Air Dryer & Oil Removal Filters

Technical Parameter of Vibrant Series Screw Air Compressor AT Package

Model	Motor Power		Capacity (FAD)	Working Pressure	Air Receiver	Dimensions (L x B x H)	Gross Weight	Noise	Air Outlet
	KW	HP	CFM	BAR	LTR	MM	KG	dB(A)	DN
DP7.5D AT	5.5	7.5	30 / 28 / 26 / 24	7 / 8 / 10 / 13	300	2100 x 850 x 1450	450	67	15
DP10D AT	7.5	10	42 / 40 / 35 / 30	7 / 8 / 10 / 13	300	2100 x 850 x 1450	480	67	15
DP15D AT	11	15	67 / 64 / 56 / 45 / 30	7 / 8 / 10 / 13 / 16	500	2150 x 950 x 1850	625	67	20
DP20D AT	15	20	91 / 86 / 78 / 64 / 42	7 / 8 / 10 / 13 / 16	500	2150 x 950 x 1850	650	67	20
DP25D AT	18.5	25	115 / 110 / 95 / 84 / 62	7 / 8 / 10 / 13 / 16	500	2150 x 950 x 1950	725	68	25
DP30D AT	22	30	148 / 142 / 120 / 105 / 85	7 / 8 / 10 / 13 / 16	500	2150 x 950 x 1950	750	68	25

Note:

Vibrant ATD Series with Air Receiver. Free Air Delivery (FAD) tested as per ISO 1217:2009. Specifications may change without prior notice. Product image is for representation only.

Our Widespread Sales Network:

