



**PRYES**<sup>®</sup>

INDUSTRIAL GUIDENCE

# AIR COMPRESSOR



## OUR PRODUCTS

SCREW COMPRESSOR

REFRIGERATION AIR DRYER

PISTON COMPRESSOR

AIR RECEIVERS

OIL FREE AIR COMPRESSOR

LINE FILTERS

## Screw Air Compressor

### Key features

Advance Technology  
High Reliability  
Fully Auto Control System  
Belt / Direct Drive  
Permanent Magnet Drive  
Portable Diesel Drive

Energy Saving  
Environmental Friendly  
Floor / Tank Mounted  
Variable Speed Drive  
Portable Electric Drive



Model Name	Power (KW)	RPM min	Free Air Delivery				Noise (db)	Machine Dimensions (mm)	Weight (Kg)	Air Outlet (Inch/mm)
			CFM	(m2/mm)/Mpa						
PRS - 10D	7.50	4000	45.92 33.55	38.85 30.37	1.30/0.7 0.95/1.0	1.10/0.8 0.86/1.3	62+-2	890 x 630 x 920	240	G 3/4"
PRS - 15D	11	4000	65.34 49.44	57.21 46.26	1.85/0.7 1.40/1.0	1.62/0.8 1.31/1.3	62+-2	940 x 705 x 1120	300	G 1"
PRS - 20D	15	2900	91.83 77.70	88.30 56.86	2.60/0.7 2.20/1.0	2.50/0.8 1.61/1.3	62+-2	940 x 705 x 1120	350	G 1"
PRS - 25D	18.50	2900	113.02 92.53	109.49 74.17	3.20/0.7 2.62/1.0	3.10/0.8 2.10/1.3	63+-2	1055 x 775 x 1230	420	G 1 1/4"
PRS - 30D	22	2900	134.21 113.02	127.15 98.90	3.80/0.7 3.20/1.0	3.60/0.8 2.80/1.3	63+-2	1300 x 785 x 1185	550	G 1 1/4"
PRS - 40D	30	2900	183.66 158.94	176.67 134.21	5.20/0.7 4.50/1.0	5.00/0.8 3.80/1.3	63+-2	1115 x 800 x 1250	510	G 1 1/4"
PRS - 50D	37	2900	240.17 197.79	218.98 173.06	6.80/0.7 5.60/1.0	6.20/0.8 4.90/1.3	63+-2	1570 x 895 x 1295	950	G 1 1/2"
PRS - 60D	45	2900	282.56 247.24	271.96 204.85	8.00/0.7 7.00/1.0	7.70/0.8 5.80/1.3	68+-2	1620 x 940 x 1355	1110	G 1 1/2"
PRS - 75D	55	2900	381.45 317.88	356.73 300.22	10.80/0.7 9.00/1.0	10.10/0.8 8.50/1.3	68+-2	2045 x 1250 x 1705	1750	G 2"
PRS - 100D	75	2900	480.35 409.71	469.75 353.20	13.60/0.7 11.60/1.0	13.30/0.8 10.00/1.3	68+-2	2045 x 1250 x 1750	1820	G 2"
PRS - 120D	90	2900	582.78 515.67	547.46 434.43	16.50/0.7 14.60/1.0	15.05/0.8 12.30/1.3	68+-2	2340 x 1480 x 1820	2100	DN50
PRS - 150D	110	2900	759.38 618.10	724.06 572.18	21.50/0.7 17.50/1.0	20.50/0.8 16.20/1.3	68+-2	2568 x 1620 x 1985	2800	DN65
PRS - 175D	132	2900	295.38 777.04	883.00 724.06	26.20/0.7 22.00/1.0	25.00/0.8 20.50/1.3	72+-2	2568 x 1620 x 1985	3000	DN65
PRS - 200D	160	2900	1013.68 868.87	974.83 759.38	28.70/0.7 24.60/1.0	27.60/0.8 21.50/1.3	72+-2	2720 x 1750 x 2125	3300	DN65

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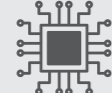
## OIL FREE (NON- LUBRICATED) AIR COMPRESSOR

These compressors are useful where 100% oil free air is necessary. Oil is not required in the crankcase of these compressors. Oil free compressors are useful in dental medical, hospitals, laboratory, pharmaceuticals, biotechnology, food industries, printing machines, electronics industries CNC & VMC applications, etc.

### Applications



Manufacturing Industry



Electronics Industry



Pharmaceuticals Industry



Dental Hospitals



Printing Industry

### Oil Free Compressor Specifications:

Model	Motor Power	CFM	Receiver Size	PSIG
PRS OF - 550	0.75 HP	2.7	25	115
PRS OF - 750	1.0 HP	3.5	35	115
PRS OF - 1100	1.5 HP	5.2	50	115
PRS OF - 1500	2.0 HP	7	70	115
PRS OF - 3000	4.0 HP	14	100	115
PRS OF - 284	3.0 HP	7.5	160	135
PRS OF - 292	5.0 HP	15	200	135
PRS OF - 303	7.5 HP	21	240	135
PRS OF - 121T	10.0 HP	32	300	135
PRS OF - 65T	15.0 HP	45	500	135
PRS OF - 75T	20.0 HP	60	500	135



Model: PRSOF-303



MEDICAL COMPRESSOR



DENTAL COMPRESSOR



PRSOF - 75T

## RECIPROCATING AIR COMPRESSOR

### Key Features

- 1 Graded iron shell mould castings
- 2 Forged steel crank web
- 3 Pressure relief safety valve system
- 4 Automatic start & stop control system
- 5 Air receiver hydraulic tested
- 6 Air receiver as per ISO standard system

### Applications



Manufacturing Industry



Automobile Industry



Textile Industry



Granite Factory



Fuel Bunk

### Single-Stage (Maximum Pressure 9 Kg/cm<sup>2</sup> or 128 psi)

Model Name	Motor Power	CFM	Working Pr.	Receiver size
PRS 1.5 - 1	1.5 HP	5	7 Kgs	110 / 135
PRS 02 - 1	2 HP	13	9 Kgs	110 / 135
PRS 03 - 1	3 HP	16	9 Kgs	160 / 200
PRS 05 - 1	5 HP	22	9 Kgs	220 / 250
PRS 07 - 1	7.5 HP	28	9 Kgs	220 / 250
PRS 10 - 1	10 HP	34	9 Kgs	250 / 300



### Two-Stage (Maximum Pressure 12 Kg/cm<sup>2</sup> or 174 psi)

Model Name	Motor Power	CFM	Working Pr.	Receiver size
PRS 03 - 2	3 HP	11	12 Kgs	160 / 200
PRS 05 - 2	5 HP	17	12 Kgs	220 / 250
PRS 07 - 2	7.5 HP	22	12 Kgs	250 / 300
PRS 10 - 2	10 HP	35	12 Kgs	420 / 500
PRS 10 - 2	12.5 HP	40	12 Kgs	420 / 500
PRS 15 - 2	15 HP	45	10 Kgs	420 / 500
PRS 20 - 3B	20 HP	60	10 Kgs	500 / 1000

