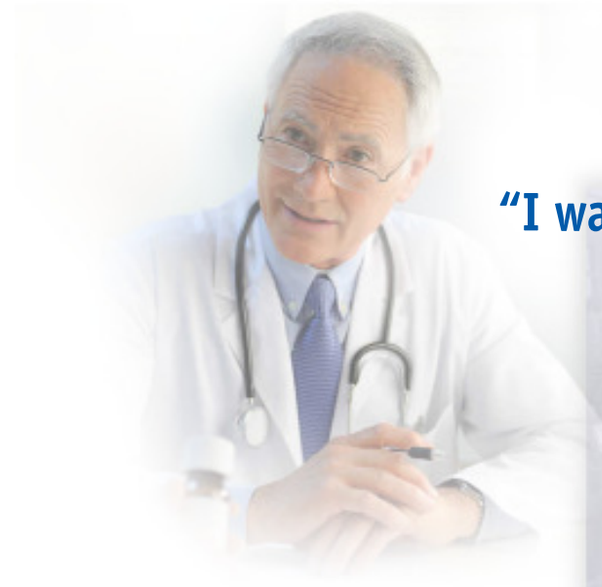
23 years of Service

Frank AIR COMPRESSOR

Feel the Difference



"I want to deal with people who are dedicated to providing me with total solution"



Piston rings imported from USA
(Vacuum Pumps only)

Dr. Frank

Oilfree Air Compressors & Vacuum Pumps

Reciprocating Oil Free Air Compressor

Now you can say good-bye to...

- Foundation
- Site Engineering
- De-Scaling Nightmares
- Maintenance Headaches

Light weight piston & teflon rings

Special design light weight piston result in lesser inertia forces resulting in increased power savings and the ceramic filled teflon piston rings are higher wear resistant and hence have longer life.

One piece bearing suited for near life time operation

Shrunk fit bearings ensure proper alignment & clearance thereby reducing wear and tear. They have very high load bearing capacity. Ideally suited for high pressure piston compressors.

Overhung crank shaft for easy maintenance

Twin sleeve bearing on the crankshaft at the flywheel side to take the weight of the belt wheel. It is very easy to repair at customer site.

Advanced Concentric disc valve technology

Manufactured on computerised SPMs, the perfect concentricity and flatness provides close tolerances and ensures an aerodynamic flow for low resistance. All of which means higher reliability, least valve losses & power savings.



OF - 30S to 100S



OF - 150B to 200B

MODEL	Piston Displacement		Free Air Delivery		Motor Power		Compressor	Tank Capacity LITRES
	LPM	cfm	LPM	cfm	HP	Kw	RPM	
Direct Driven	(Maximum Pressure - 7 kg/cm² 102 PSI, Single Stage, 230V / 1 Ph / 50 Hz)							
OF - 7.5D	80	2.82	45	1.58	0.75	0.54	1440	30
OF - 10D	120	4.23	68	2.40	1.00	0.75	1440	30
OF - 15D	205	7.23	101.9	3.6	1.50	1.10	1440	50
OF - 30DT	410	14.4	203.8	7.2	3.00	2.20	1440	110
Belt Driven	(Maximum Pressure - 8 kg/cm² 116 PSI, Single Stage, 415V / 3 Ph / 50 Hz)							
OF - 30B	300	10.5	204	7.2	3	2.20	440	200
OF - 50B	493	17.4	410	14.5	5	3.70	750	220/500
Belt Driven	(Maximum Pressure - 10 kg/cm² 145 PSI, Two Stage, 415V / 3 Ph / 50 Hz)							
OF - 75B	759	26.8	606	23.0	7.5	5.50	650	500
OF - 100B	1022	36.10	816	29.0	10.0	7.50	650	500
OF - 150B	1790	63.2	1377	48.6	15	11.6	600	500V
OF - 200B	2235	78.9	1720	60.7	20	14.8	725	500V

Water Cooled Vertical Oilfree Compressor

They have been designed to grant the best performance, trouble free operation, long life and of course the oilfree dry and hygienic compressed air is required by the hospital or the pharmaceutical. Our compressors have been made to meet these expectation through a constant attention.

MODEL	Power	Comp.	Piston Dis-placement	Free Air Delivery	Maximum Working Pressure	
	HP	rpm	cfm	cfm	kg/cm²g	psig
CT7x5V	30	750	164	110	8.8	125
CT8x5V	40	750	215	143	7.00	100
CT8x7V	50	650	260	180	9.50	135





Scroll Oilfree Air Compressors

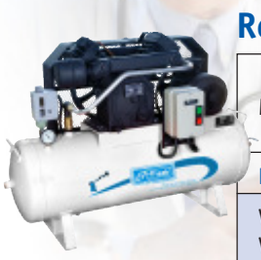
The air is sucked in from the suction mouth at the outside of the fixed scroll. The air enclosed in the compressed space is compressed towards the center when the compression chamber is becoming smaller due to the rotation movement. The compressed space becomes smallest in the center, and the air compressed to the highest limit is squeezed out from the central exhaust port.

415V 50 Hz 3 PH



Model	Scroll Block	Motor HP	Flow cfm	Pressure Kg/cm2	Noise db	Tank Capacity Litres	Weight kgs
OS 3/220	1	3	8.5/7.4	8/10	64	220	155
OS 5/270	1	5	15/12	8/10	67	270	240
OS 7.5/270	1	7.5	22.5/16.2	8/10	69	270	245
OS 10/270	2	10	30/23	8/10	67	270	265
OS 15/270	2	15	45/32	8/10	68	270	275
OS 20/Base	3	20	59/46	8/10	69	Base	515
OS 30/Base	4	30	88/69	8/10	70	Base	580

Reciprocating Piston Vacuum Pumps

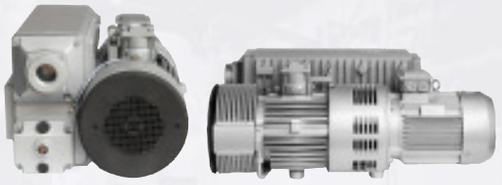


MODEL	Piston Displacement		Vacuum (Hg)		Motor Power		Compressor	Tank Capacity LITRES
	LPM	cfm	Inch	mm	HP	Kw	RPM	
Belt Driven							(Single Stage 230V 1 Ph / 415V / 3 Ph / 50 Hz)	
Vacuum - 10V	120	4.2	28	736	1	0.74	850	110
Vacuum - 285V	492	17.4	28	736	2	1.48	850	200
Vacuum - 294V	878	31.0	28	736	3	2.20	850	220/500
Vacuum - 305V	1473	52.0	28	736	5	3.70	850	270/500
Vacuum - 57V	2493	88.0	28	736	7.5	5.50	850	500
Vacuum - 65V	3740	149.0	28	736	10	7.40	850	1000V

Piston rings imported from USA

Rotary Vane Vacuum Pumps

Rotary vane vacuum pumps are designed for silent operations & continuous operation. The built-in exhaust filter ensures an oil-mist free exhaust gas over the entire range of operating pressures from atmospheric pressure to ultimate pressure.



Model	Piston Displacement LPM	cfm	vacuum (Hg) Inch	mm	Motor Power HP	(Kw)	Vaccum Pump (rpm)	Nosie dB (A)	Tank Cap
SV-063	1050	37	0.2	5.1	3	2.2	1400	68	270 / 500
SV-160	2667	94	0.2	5.1	5.5	4.0	1440	74	270 / 500
SV-200	3333	118	0.2	5.1	7.5	5.5	1440	74	500
SV-300	5000	176	0.03	0.82	10	7.5	1440	70	—
SV-630	10667	377	0.03	0.82	20	15	970	75	—

Dessicant Air Dryers

The latest technology in Desiccant Air Dryers offers total cleaning and drying solution for lubricated as well as non-lubricated Compressors. Coalescing filters (boro silicate micro glass fibres) assure maximum removal of oil and liquid moisture upto 0.3 microns. Compressed air at -40°C dew point.

Salient features : ● Microprocessor Controller ● Pre-filter rating 0.3 microns (coalescer) ● Shuttle valve for Low Pressure drop ● All Aluminium resist oxidation & scale formation ● Dewpoint better than -40°C ● Design Patented



Model	Flow cfm	End Connection BSP	Dimensions (mm) H	W	D	Weight KGS	Recommended Accessories Pre filter (1)	Post filter (2)
Dryspell 10	10	½"	600	280	200	11	T 24 P	T 24 Y
Dryspell Plus 10	10	½"	1038	330	150	21	T 24 P	T 24 Y
Dryspell Plus 20	20	½"	963	371	213	29	T 100 P	T 100 Y
Dryspell Plus 30	30	½"	1227	371	213	39	T 100 P	T 100 Y
Dryspell Plus 45	45	½"	999	497	313	49	T 100 P	T 100 Y
Dryspell Plus 60	60	1"	1192	523	313	61	T 100 P	T 100 Y
Dryspell Plus 100	100	1"	1603	439	372	106	T 250 P	T 250 Y

Medical Air Dryer



Dryspell medical dryers delivers a dewpoint of +2°C as mandated by **NFPA 99**. The dryspell medical dryers operates with the principle of Pressure Swing Adsorption, hence removes more moisture than a refrigeration air dryers, and it delivers moisture free dry air consistently irrespective of flow variation.

Based on medical application criticality, the package comes with one working and one stand by dryers. So there is no need to stop the air dryers for maintenance. Purge saving system saves purge air upto 60% for a typical hospital load of 30% to 40%. Dewpoint and CO monitor enables to monitor dewpoint and CO levels as mandated by **NFPA 99**.

Model	Flow cfm	End Connection BSP	Dimensions (mm)		
			H	W	D
TBAS 10	10	½"	600	840	600
TBAS 20	20	½"	600	1050	780
TBAS 30	30	½"	810	1050	780
TBAS 45	45	½"	1055	1050	780
TBAS 60 A	60	1"	1250	1250	855
TBAS 100	100	1"	1540	1245	900
TBAS 200	200	1½"	1540	1350	1300



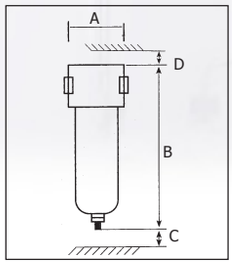
Submicron Filters

Contaminants in unfiltered compressed air eventually have disastrous effect on the end products. To increase the performance of pneumatic tools these contaminants need to be filtered periodically.

Oil and water are present both in liquid and vapour state. Coalescing filters with filter media (boro silicate micro glass fibres) remove liquid contaminants.

Salient features : ● Coalescing filters ● Aluminium Pressure Die Cast Housing ● Coloured Element ● Differential Pressure Indicator / Gauge ● Internal Drain / External Drain

Model	Element Grade	Drain Type	Pipe Size BSP/ NB	Flow Rate (scfm)	Max Working Pressure kg/cm²	Housing Dimensions (mm) A	B	C	D	Weight (kgs)
T 100	P/X/Y/A	IA / EA	½"	60	16	96	237	150	–	1.5
T 250	P/X/Y/A	IA / EA	1"	150	16	117	465	300	–	3.5
T 600	P/X/Y/A	IA / EA	1½"	350	16	117	530	425	–	4



Specification

Description	Element Grade P	X	Y	A
Filter Element	Borosilicate	Borosilicate	Borosilicate	Activated Carbon
Particle Removal	5 (Micron)	1 (Micron)	0.01 (Micron)	0.01 (Micron)
Max. Oil carryover	5 (mg/m³)	0.5 (mg/m³)	0.01 (mg/m³)	0.003 (mg/m³)

Bacteria Filters



Our bacteria elements are fully imported from Taiwan and the life of the element is very high. Each membrane filter element has been individually for integrity by using an air diffusion test.

Model	Pipe Size BSP	Flow rate (cfm)	Working Pressure (Kg/cm²)	Filter Rating
BAC-50	1"	50	16	0.2 microns
BAC-100	1"	100	16	0.2 microns

Frank Technologies Pvt. Ltd.,

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