



Airo-Tech



1 HP To 60 HP Reciprocating, Lubricated, Non - Lubricated Air Compressors
Rotary Screw Compressor, Refrigerated Air Dryer, Filters & Water chiller.

- ★ Easy Installation & Maintenance
- ★ Low Oil Consumption
- ★ Fully Balanced, Vibratoin Free, Quieter Operation
- ★ Easy Accessability of Speares At Economical Price
- ★ World Class Quality At Fair Price

**An ISO 9001 : 2015
Certi□ed Company**

SINGLE STAGE COMPRESSOR



The Technical Specifications of this compressor are

SINGLE STAGE COMPRESSORS (FOR LOW PRESSURES: 2 - 6 (Kg/cm ²))								
Model	Motor		No. Of Cyl.	Comp. RPM	Receiver LTR	Max Pressure		Piston Displ CFM
	HP	KW				PSIG	Kg/Cm ²	
1SS3	2/3	1.5/2.2	1	675/900	100/150	130	9Kg.	7.5/9
1235	3/5	2.2/3.7	2	675/980	150	80	5.62	15.18/22
1244	5/7.5	3.7/5.5	2	660/865	200	80	5.62	26.50/34.64
1255	7.5/10	5.5/7.5	2	505/660	250	80	5.62	40.00/95.00
17S2	12.5/15	9.3/11	2	800	300	40	2.81	88.00/95.00
115S2	15/20	11/15	3	850	500	40	2.81	99.00/140.15

TWO STAGE COMPRESSOR



The Technical Specifications of this compressor are

TWO STAGE COMPRESSORS (FOR LOW PRESSURES: 7-17.5 (Kg/cm ²))								
Model	Motor		No. Of Cyl.	Comp. RPM	Receiver LTR	Max Pressure		Piston Displ CFM
	HP	KW				PSIG	Kg/Cm ²	
1234	2/3	1.5/2.2	2	675/960	150	175	12.3	7.59/10.80
12340	3	2.2	2	1000	150	175	12.3	11.25
1242	5/7.5	3.7/5.5	2	865/1000	200	175	12.3	17.32/20
12475	7.5	5.5	2	1100	250	175	12.3	22
1253	7.5/10	5.5/7.5	2	660	250	175/250	12.3/17.5	26.23
12545	7.5/10	5.5/7.5	2	750/950	300	175	12.3	29.81/37.80
12600	7.5/10	5.5/7.5	2	750/950	300	175	12.3	29.81/37.80
171T2	10/12.5/15	7.5/9.3/11	2	725/900/1000	300	175	12.3	40/49.5/55
115T	15/20	11/15	3	700/900	500	175	12.3	63.5/81.8
125T2	25/30	18.5/22	3	900/1000	500	175	12.3	99/110

MULTI STAGE COMPRESSOR



The Technical Specifications of this compressor are

MULTI STAGE COMPRESSORS (FOR LOW PRESSURES: 17 ² - 70.30 (Kg/cm ²))								
Model	Motor		No. Of Cyl.	Comp. RPM	Receiver LTR	Max Pressure		Piston Displ CFM
	HP	KW				PSIG	Kg/Cm ²	
1231	3	2.2	2	675	150	500	35.15	7.5
17T2	7.5/10/12.5	5.5/7.5/9.3	2	530/710/760	300	500	35.15	24/32.25/36.36
115T2	15	11	3	650/760	500	1000/500	70.3/35.15	35.75/41.80
115T2	20	15	3	875/900	500	1000/800	70.3/35.15	48/49.5
115T2 DUPLEX	20X2	12X2	3X2	900	500/700	1000/500	70.3/35.15	99.02
115TH	20	15	3	875/900	500	350	25	75
115TH DUPLEX	20X2	15X2	3X2	875/900	500/700	350	25	150

SCREW COMPRESSOR



Our oil-injected screw compressors employ a multiple-module design, which can provide customers with their needed products flexibly. According to the expected cost of customers, compressors of low-cost belt-driven type, low-noise direct-driven type, and high efficient and energy-saving types are available for your choice.

All of our compressors have the advantages of high efficiency, reliability, economy and superior quality, and the capacity can be regulated according to the required output.

With a capacity regulation function in the compressed air system, our compressors can regulate the flow rate according to the actual air quantity needed by customers and meet their different requirements. Therefore, the compressors only create the energy required to complete its work, thus avoiding unnecessary waste. Moreover, the power consumption is matched precisely with the air quantity, and thus energy costs are saved.

Refrigeration dryers employ two heat exchangers, one for air-to-air and one for air-to-refrigeration. However, there is also a single TRISAB heat exchanger that combines both functions. The compressors used in this type of dryer are usually of the hermetic type and the most common gas used is R-134a and R-410a for smaller air dryers up to 100 cfm. Older and larger dryers still use R-22 and R-404a refrigerants. The goal of having two heat exchangers is that the cold outgoing air cools down the hot incoming air and reduces the size of compressor required. At the same time the increase in the temperature of outgoing air prevents re-condensation.

Some manufacturers produce "cycling dryers". These store a cold mass that cools the air when the compressor is OFF. When the refrigeration compressor runs, the large mass takes much longer to cool, so the compressor runs longer, and stays OFF longer. These units operate at lower dew points, typically in the 35–40 °F range.

When selected with the optional "cold coalescing filter", these units can deliver compressed air with lower dew points. Non-cycling dryers use a hot gas by pass valve to prevent the dryer from icing up. Some manufacturers produce "cold coalescing filters" that are positioned inside of the air dryer at the point of the lowest air temperature (the point at which maximum



Protect your compressed air installation against:



Moisture



Particles



Oil



Hydrocarbons



Viruses



Bacteria



Spare Parts



Airo-Tech Enterprises

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