



Office & Factory:

Venus Compressors Pvt. Ltd.

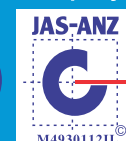
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An ISO 9001:2008 Company



Technical Specification

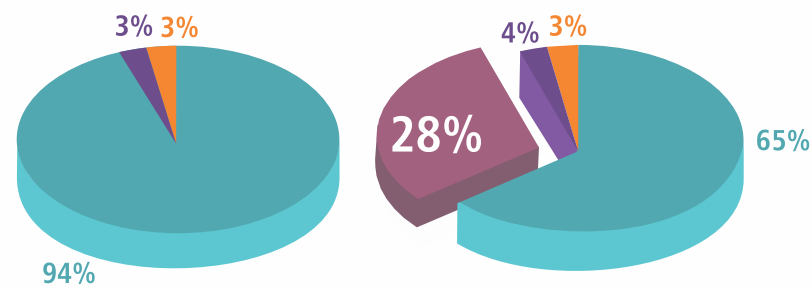
Model	TSC-10A	TSC-15D	TSC-20D	TSC-25D	TSC-30D	TSC-40D	TSC-50D	TSC-60D	TSC-75D	TSC-100D	TSC-120D	TSC-150D	TSC-175D	TSC-200D	
Power (KW)	7.50	11	15	18.50	22	30	37	45	55	75	90	110	132	160	
RPM	3200	2900	2900	2900	2900	2900	2900	2900	2900	2900	2900	2900	2900	2900	
Free Air Delivery	CFM	45.92	65.34	85.07	113.02	134.21	183.66	240.17	282.56	370.86	480.35	575.71	716.99	883.00	956.63
		38.85	57.22	79.43	109.49	127.15	178.72	228.17	271.96	353.26	469.75	540.10	681.67	812.36	935.98
		33.55	49.44	70.64	95.36	113.02	137.75	190.73	247.24	307.28	409.71	515.67	600.44	706.40	801.31
		30.38	46.27	60.04	77.70	98.90	123.62	137.75	215.45	264.90	346.13	434.43	515.67	635.76	709.93
	(m3/mim) /Mpa	1.30/0.70	1.85/0.70	2.40/0.70	3.20/0.70	3.80/0.70	5.20/0.70	6.80/0.70	8.00/0.70	10.50/0.70	13.60/0.70	16.30/0.70	20.30/0.70	25.00/0.70	27.08/0.70
	1.10/0.80	1.62/0.80	2.24/0.80	3.10/0.80	3.60/0.80	5.06/0.80	6.46/0.80	7.70/0.80	10.00/0.80	13.30/0.80	15.30/0.80	19.30/0.80	23.00/0.80	26.50/0.80	
	0.95/1.00	1.40/1.00	2.00/1.00	2.70/1.00	3.20/1.00	3.90/1.00	5.40/1.00	7.00/1.00	8.70/1.00	11.60/1.00	14.60/1.00	17.00/1.00	20.00/1.00	22.70/1.00	
	0.86/1.30	1.31/1.30	1.70/1.30	2.20/1.30	2.80/1.30	3.50/1.30	3.90/1.30	6.10/1.30	7.50/1.30	9.80/1.30	12.30/1.30	14.60/1.30	18.00/1.30	20.10/1.30	
Noise (db)	62±2	62±2	62±2	62±2	68±2	72±2	72±2	72±2	75±2	75±2	75±2	78±2	78±2	78±2	
Machine Dimension (L*W*H)mm/Weight(KG)	960*680	980*710	980*710	1310*780	1310*790	1480*890	1490*890	1500*950	1625*980	1850*1080	2200*1380	2210*1310	2210*1310	2700*1460	
Air outlet	G1/2"	G3/4"	G3/4"	G1"	G1"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G2"	G2"	G2 1/2"	G2 1/2"	G3"	

* A: Belt Driven • D: Direct Driven • * Cooing Type: Air Cooling

Features

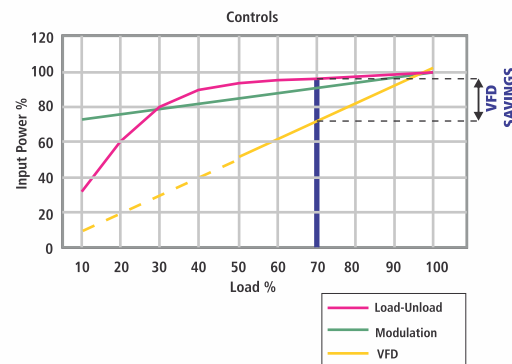
- Direct Driven feature provide zero transmission losses with low RPM Screw Element
- 2 Years warranty for Screw Air End
- Oil cooler is designed for 45° C ambient Temp, which is suitable for Indian industries circumstances
- All parts are designed with universal design code / standard
- Consumable cost is Rs. 3.50 upto Tscs 50 D (Price of Consumable Lowest)
- 100% imported from LOFFTOL COMPRESSORS USA. Visit LOFFTOL.COM for more information
- No Hose pipe or any Rubber parts in System

10 Year Life Cycle Cost



Compressor without VFD

Compressor with VFD



Model	Capacity (cfm)	Working Pressure (kg/cm ²)
TSC-30V	127.15	8.00
TSC-40V	178.72	8.00
TSC-50V	228.17	8.00
TSC-60V	271.96	8.00
TSC-75V	353.26	8.00
TSC-100V	469.75	8.00
TSC-120V	529.80	8.00
TSC-150V	681.67	8.00
TSC-175V	812.36	8.00
TSC-200V	935.98	8.00

Example: For a demand of 70% of full load, the savings from VFD compared to a fixed speed compressor will be about 28% of full load power

Advantages

Mechanical

- Minimum maintenance
- Smooth Start
- Smooth control

Electrical

- Low starting current
- High efficiency
- Improved power factor
- Reduced maximum Demand

Other Products

- Reciprocating Air Compressors
- 100% Water Injected Oil Free Screw Air Compressors
- Vacuum Pumps
- Air Receivers
- Air Dryers
- High Pressure Air Compressors
- Reciprocating Oil Free Air Compressor
- Line Filters

■ Electricity ■ VFD Saving ■ Equipment ■ Maintenance