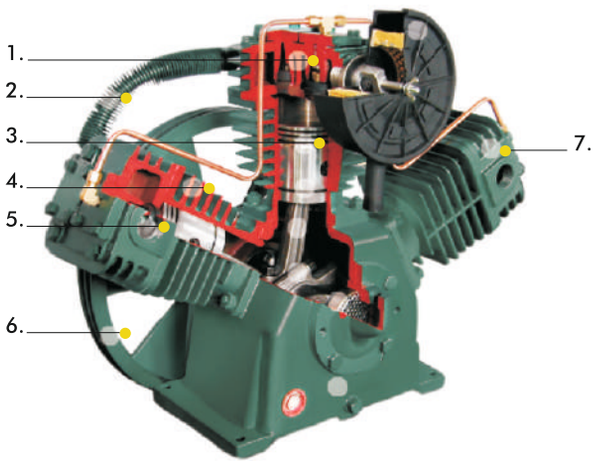


A Series

Reciprocating Air Compressors

eCOOL TECHNOLOGY

ISO 9001:2015 CERTIFIED



1. Valve Assembly
All units use large disc-type valves made from swedish steel for high efficiency and long durability.

2. After Cooler
The copper tube is fitted with high-efficiency cooling fins that effectively reduce gas working temperature and increase air compression efficiency.

3. Rings
Long life industrial design compression and oil control rings are used to assure maximum performance

4. Long-Life Cylinder
Precision-machined cylinder walls are honed glass-smooth to reduce friction and wear to a minimum. Extra-deep fins provide increased cooling and greater strength.

5. Continuous Running Unloader
For continuous-running air compressors. Unloader lets the unit idle load-free until air supply drops to cut-in pressure; automatically lets unit idle again after high pressure limit is reached. (Tubing and fittings are not included on bare pumps)

6. Balanced Fan-Type Flywheel
Airfoil-type spike provides a continuous powerful blast of cooling air for all parts of the compressor. Balanced flywheel provides smooth vibration less operation.

7. Cool Cylinder Head
Deep directional fins provide quick cooling. Compact streamlined air passages in the cylinder head permit fast, efficient flow of cooler intake and rapid removal of discharge air.

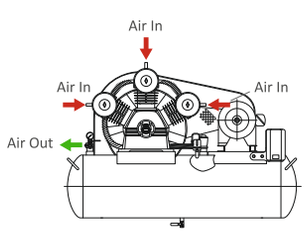
Technical Specifications

		Single Stage									
New Model*		VA10	VA20	TA20	TA30	VA40	VA50	TA50	VA75	TA100	TA150
Power	HP	1	2	2	3	4	5	5	7.5	10	15
Piston Displacement#	CFM	5	9.3	11	16.5	20	24	28	37	52	77
Free Air Delivery	CFM	3	5.8	6	9	13	16.5	19	24	35	53
Pressure	bar (g)	8	8	8	8	8	8	8	8	8	8
Tank	Liter	105	105	105	110	200	245	245	245	420	500
No of Cylinders	1st stage	2	2	3	3	2	2	3	2	3	3
	2nd stage	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimensions	mm L	1160	1160	1160	1410	1410	1440	1440	1440	1840	1760
	mm W	390	390	390	470	500	540	540	470	620	670
	mm H	810	810	830	880	900	1050	1050	1100	1290	1420
Weight	kg	101	110	114	170	181	220	225	278	395	516

	Two Stage								
New Model*	HVA10	HTA20	HTA30	HTA50	HTA75i	HTA75	HTA100	HTA150	HTA200
Power	1	2	3	5	7.5	7.5	10	15	20
Piston Displacement#	3.9	9	11	20	25	26	36	55	70
Free Air Delivery	2.8	6	8	16	20	21	28	43	55
Pressure	12	12	12	12	12	12	12	12	10
Tank	105	105	155	245	245	245	420	500	500
No of Cylinders 1st stage	1	2	2	2	2	2	2	2	2
No of Cylinders 2nd stage	1	1	1	1	1	1	1	1	1
Dimensions mm L	1160	1160	1410	1440	1440	1440	1840	1760	1760
Dimensions mm W	390	390	420	540	620	620	640	680	680
Dimensions mm H	810	830	830	1050	1170	1170	1260	1370	1370
Weight kg	112	130	175	235	250	339	363	515	550

Compressors tested as per IS 5456 latest edition: Code for testing performance of positive displacement type air compressors

Options
- Wheel mounted compressor on tank
- Base mounted compressor
- Special application compressor
- Compressor with non-standard tanks



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