



Two-Year Warranty for
VA-80, TA-80, VA-100, TA-100, TA-120

A-SERIES AIR COMPRESSORS



Model	Motor		Cylinder			Comp R.P.M	Piston Disp. L/min	Working Pressure (Kg/cm ² G)	Air Receiver			Net Weight (kg)
	Hp	Kw	Bore (mm)	No.	Stroke (mm)				Dimensions	Capacity	Max Pressure	
							Ø mmxmm		Liter	Kg/cm ²		
VA-51	0.5	0.37	51	2	42	498	85	8	Ø 300x910	60	10	55
VA-65	1	0.75	65	2	44	477	139	8	Ø 300x1050	70	10	70
TA-65	2	1.5	65	3	48	633	302	8	Ø 300x1050	70	10	90
VA-80	3	2.2	80	2	60	651	393	8	Ø 350x1160	105	10	130
TA-80	5.5	4	80	3	60	875	791	8	Ø 390x1410	155	10	188
VA-100	7.5	5.5	100	2	70	955	1050	8	Ø 485x1440	245	10	270
TA-100	10	7.5	100	3	70	888	1465	8	Ø 485x1760	304	10	340
TA-120	15	11	120	3	80	805	2183	8	Ø 485x1760	304	10	445
TA-125	20	15	125	3	90	913	3022	8	Ø 640x1760	500	10	540

The interior construction diagram of air-cooled reciprocated air compressor



1.After Cooler

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

2.Valve Assembly

All units use large disc-type valves made from Swedish steel for high efficiency and long wear

3.Cool Cylinder Heads

Deep directional fins provide quick cooling; compact streamlined air passages in the cylinder head permit fast, efficient flow of cooler intake air and rapid removal of discharge air.

4.Long-Life Cylinders

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.Balanced Crankshaft

Made from a high-tensile forged alloy steel and precisely ground and dynamically balanced to insure long life and smooth operation. Journals are ground precisely to extend bearing life.

6.Ring

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

7.Connecting Rods

All units contain precision broed, industrial quality designed connecting rods ... a splash lubrication is used.

8.Main Bearings

To insure long life and easy maintenance, high quality ball bearings or tapered roller bearings are used in the FUSHENG compressors.

9.Suction Strainer

Permanent type strainer effectively filters air and muffles noise of air intake. Easily removed for periodic cleaning

10.Continuous Running Unloader

For continuous-running air compressors, unloader lets 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 not included on bare pumps

11.Balanced Fan-Type Flywheel

Airfoil-type spokes provide a continuous powerful blast of cooling air for all portions of the compressors; balancing assures smooth vibrationless operation.

12.Crankcase

The extra large crankcase with big oil reservoir assures cooler running and better lubrication.