



FUSHENG

PISTON AIR COMPRESSOR



FUSHENG reciprocating air compressor pump designed and manufactured to stringent ISO 9001 quality standards. Low speed, single stage, cast iron construction for outstanding performance and reliability.



Fully automatic motor control is provided by a precision German / Taiwan made pressure switch fitted with a soft-start unloader valve. Internationally recognized as being the finest quality pressure switch available today.



SIEMENS, TECO, MITSUBISHI electric compressor-duty motor with a heavy duty rolled steel frame, built-in thermal overload protection, and the highest quality capacitors and sealed bearings.



Oversized air receiver tank is designed and manufactured in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code as required for the USA market.



Distributor / Sales Representative

POWERATE

ENGINEERING CO., LTD.

บริษัท พาวเวอร์เออร์เท เอ็นจิเนียริ่ง จำกัด

35/356 หมู่ 2 ถ.เอกชัย ต.บางน้ำจืด อ.เมือง จ.สมุทรสาคร 74000

Tel. 034-494-668 (Auto) Fax. 034-494-669

ออฟฟิศกรุงเทพฯ : Tel. 02-750-2767-8 Fax. 02-750-2769

www.powerate-th.com E-mail : master@powerate-th.com

A-SERIES AIR COMPRESSORS

Model	Motor		Cylinder			Comp R.P.M	Piston Disp.		Actual Air Delivery At				Working Pressure (Kg/cm ² G)	Air Receiver			Net Weight (kg)
	HP	kW	Bore (mm)	No.	Stroke (mm)		L/min	CFM	5Kg/cm ² G		7Kg/cm ² G			Dimensions Ø mmxmm	Capacity Liter	Max Pressure Kg/cm ²	
									L/min	CFM	L/min	CFM					
CA-65	0.5	0.37	65	1	44	585	85	3.00	72.25	2.55	63.75	2.25	8	Ø 244x650	28	10	45
VA-51	0.5	0.37	51	2	42	512	87	3.07	73.95	2.61	65.25	2.30	8	Ø 300x910	60	10	60
VA-65	1	0.75	65	2	44	635	185	6.54	157.43	5.56	138.91	4.91	8	Ø 300x1050	70	10	85
TA-65	2	1.5	65	3	48	635	303	10.70	257.55	9.10	227.25	8.03	8	Ø 300x1050	70	10	95
VA-80	3	2.2	80	2	60	647	390	13.77	329.97	11.65	291.15	10.28	8	Ø 350x1160	105	10	145
TA-80	5	3.7	80	3	60	698	630	22.25	535.37	18.91	472.38	16.68	8	Ø 390x1410	155	10	180
VA-100	7.5	5.5	100	2	70	950	1045	36.91	888.25	31.37	783.75	27.68	8	Ø 485x1440	245	10	285
TA-100	10	7.5	100	3	70	725	1195	42.22	1016.13	35.89	896.58	31.67	8	Ø 485x1770	304	10	350
TA-120	15	11	120	3	80	700	1900	67.09	1614.68	37.03	1424.72	50.32	8	Ø 485x1770	304	10	420
TA-155L	20	15	155 115	2 1	90	725	2462	86.96	2092.70	73.91	1846.50	65.22	8	Ø 640x1760	500	10	720

* Remarks : Two-Year Warranty for model VA-80, TA-80, VA-100, TA-100, TA-120

TWO-STAGE AIR-COOLED AIR COMPRESSORS

Model	Motor		Cylinder			Comp R.P.M	Piston Disp.		Actual Air Delivery At				Working Pressure (Kg/cm ² G)	Air Receiver			Net Weight (kg)
	HP	kW	Bore (mm)	No.	Stroke (mm)		L/min	CFM	10Kg/cm ² G		12Kg/cm ² G			Dimensions Ø mmxmm	Capacity Liter	Max Pressure Kg/cm ²	
									L/min	CFM	L/min	CFM					
HVA-65	1	0.75	65 42	1 1	44	620	90	3.89	88.00	3.11	77.00	2.72	12	Ø 300x1050	70	15	100
HTA-65	2	1.5	65 51	2 1	48	650	210	9.01	204.00	7.21	178.50	6.30	12	Ø 300x1050	70	15	110
HTA-65H	3	2.2	65 51	2 1	48	950	303	10.70	242.40	8.56	212.10	7.49	12	Ø 350x1160	105	15	135
HTA-80	5	3.7	80 65	2 1	60	950	572	20.24	458.40	16.19	401.10	14.17	12	Ø 390x1410	155	15	220
HTA-100	7.5	5.5	100 80	2 1	70	750	825	29.14	660.00	23.31	577.50	20.40	12	Ø 485x1440	245	15	330
HTA-100H	10	7.5	100 80	2 1	70	990	1088	38.46	871.20	30.77	762.30	26.92	12	Ø 485x1770	304	15	360
HTA120	15	11	120 100	2 1	80	860	1556	51.04	1156.00	40.83	1011.50	35.73	12	Ø 485x1770	304	15	450

TWO-STAGE AIR-COOLED AIR COMPRESSORS WITH VERTICAL TANK

Model	Motor		Cylinder			Comp R.P.M	Piston Disp.		Actual Air Delivery At				Working Pressure (Kg/cm ² G)	Air Receiver			Net Weight (kg)
	HP	kW	Bore (mm)	No.	Stroke (mm)		L/min	CFM	10Kg/cm ² G		12Kg/cm ² G			Dimensions Ø mmxmm	Capacity Liter	Max Pressure Kg/cm ²	
									L/min	CFM	L/min	CFM					
HTA-65H-VT	3	2.2	65 51	2 1	48	950	303	10.70	242.40	8.56	212.10	7.49	12	Ø 566x1160	245	15	235
HTA-80-VT	5	3.7	80 65	2 1	60	950	573	20.24	458.40	16.19	401.10	14.17	12	Ø 566x1160	245	15	300
HTA-100-VT	7.5	5.5	100 80	2 1	70	750	825	29.14	660.00	23.31	577.50	20.40	12	Ø 640x910	245	15	390
HTA-100H-VT	10	7.5	100 80	2 1	70	990	1089	38.46	871.20	30.77	762.30	26.92	12	Ø 640x910	245	15	400

OIL-FREE AIR COMPRESSORS

Model	Motor		Cylinder			Comp R.P.M	Piston Disp.		Actual Air Delivery At				Working Pressure (Kg/cm ² G)	Air Receiver			Net Weight (kg)
	Hp	Kw	Bore (mm)	No.	Stroke (mm)		L/min	CFM	5Kg/cm ² G		7Kg/cm ² G			Dimensions Ø mmxmm	Capacity Liter	Max Pressure Kg/cm ²	
									L/min	CFM	L/min	CFM					
FVA-30	3	2.2	100	2	70	550	600	21.19	510.00	18.01	450.00	15.89	7	Ø 485x1440	105	10	110
FVA-50	5	3.7	100	2	70	860	942	33.27	800.70	28.28	706.50	24.95	7	Ø 485x1440	155	10	145
FVA-75	7.5	5.5	120	2	75	700	1187	41.92	1008.95	35.64	890.25	31.44	7	Ø 485x1440	245	10	275
FVA-100	10	7.5	120	2	75	900	1527	53.93	1297.95	45.84	1145.25	40.45	7	Ø 485x1770	304	10	325
FTA-150	15	11	120	3	75	900	2290	80.88	1946.50	68.75	1717.50	60.66	7	Ø 485x1770	304	10	435

D-SERIES AIR COMPRESSORS

Model	Motor		Cylinder			Comp R.P.M	Piston Disp.		Actual Air Delivery At				Working Pressure (Kg/cm ² G)	Air Receiver			Net Weight (kg)
	HP	kW	Bore (mm)	No.	Stroke (mm)		L/min	CFM	5Kg/cm ² G		7Kg/cm ² G			Dimensions Ø mmxmm	Capacity Liter	Max Pressure Kg/cm ²	
									L/min	CFM	L/min	CFM					
D-1	0.5	0.37	51	1	42	790	70	2.47	59.50	2.10	52.50	1.85	7	Ø 244x650	28	10	45
D-2	1	0.75	51	2	42	741	127	5.44	130.90	4.62	115.50	4.08	8	Ø 300x910	60	10	60
D-3	2	1.5	65	2	44	875	255	10.81	260.10	9.19	229.50	8.11	8	Ø 300x1050	70	10	90
D-3E	2	1.65	65	2	48	820	240	10.42	256.15	9.13	210.70	8.09	8	Ø 325x1090	70	10	100
D-4	3	2.2	65	3	48	875	418	15.51	373.15	13.18	329.25	11.63	8	Ø 350x1160	105	10	120
D-5	5	3.7	80	2	60	1050	633	22.36	538.05	19.00	474.75	16.77	8	Ø 390x1410	155	10	165
D-6	7.5	5.5	90	2	65	1050	868	30.66	737.80	26.06	651.00	22.99	8	Ø 485x1440	245	10	285
D-7	10	7.5	90	3	65	1050	1302	45.99	1106.70	39.09	976.50	34.49	8	Ø 485x1770	304	10	350
D-8	15	11	100	3	70	1050	1731	61.14	1471.35	51.97	1298.25	45.85	8	Ø 485x1770	304	10	420