



5Z649



53WC07

FUJI Regenerative Blowers

Industrial-duty, oilless air blowers can be used for pressure or vacuum. Flow without pulsation at low noise levels and are dynamically balanced to eliminate vibration. Equipped with continuous duty TEFC motors, aluminum alloy impeller, mounting base, and housing. Use as original equipment or for upgraded performance. Pneumatic air tube conveying systems, vacuum cleaning systems, vacuum lifting, vacuum hold down, vacuum transport, bottle filling stations, printing presses, screen printing, air cushion tables, drying systems, weld fume extraction, textile machinery, dental equipment, waste and water fish pond aeration, aquarium aeration, aeration plating tanks, and air knife systems. For use with air and noncombustible, noncorrosive, nonexplosive gases.

Note: A vacuum or pressure relief valve (sold separately) is required for proper operation.

Performance ratings shown are rated with motor running at 60 Hz. If 50 Hz is used, deduct 1/3 from rating. Min. cfm ratings are at continuous flow. Relief valves are mandatory for flow conditions that are under min. or less.

Conversions: to psi = (in. of water x 0.036); to in. Hg = (in. of water x 0.074).

High-Pressure Turbo Blowers—Cast-aluminum blower housings and enclosed impellers provide higher pressure capabilities than centrifugal blowers.

Rebuild Kits—Contain all the essential parts needed for routine maintenance: silencer assembly, bearing shims, bearings, and shaft seal.

For Use With	Item No.
Rebuild Kits	
4Z750, 5F242	3DUU8
5Z187, 5Z649	3DUU9
4Z751, 4Z752	3DUV1
4Z753, 5Z650	3DUV2
5JEP4, 5Z188	3DUV3
5JEP5, 5Z651	3DUV4
5JEP6, 5Z189	3DUV5
5F243, 5JEP7	3DUV6

HP	Max. Pressure	Max. Flow Rate	Max. Vacuum	Voltage†	Full Load Amps	Inlet Size	Outlet Size	Mfr. Model	Item No.	REQUIRED RELIEF VALVE FOR VACUUM Mfr. Model Item No.	REQUIRED RELIEF VALVE FOR PRESSURE Mfr. Model Item No.
Single-Stage, 1-Phase											
0.11 hp	19.5 in WC	19.5 cfm	18.7 in WC	115/230V AC	1.2/0.6	1 1/4 in	1 1/4 in	VFC080P-5T	4Z749	—	—
0.17 hp	27.5 in WC	27 cfm	26 in WC	115/230V AC	1.5/7.5	1 in	1 in	VFC100P-5T	5JEN9	—	—
0.37 hp	34 in WC	42 cfm	33 in WC	115/230V AC	3.6/1.8	1 in	1 in	VFC200P-5T	4Z750	—	—
0.51 hp	50 in WC	56 cfm	45 in WC	115/230V AC	5.0/2.5	1 1/4 in	1 1/4 in	VFC300P-5T	5Z187	—	PV3 5Z577
1.0 hp	54.5 in WC	98 cfm	50 in WC	115/230V AC	8.6/4.3	1 1/2 in	1 1/2 in	VFC400P-5T	4Z751	VV4 5Z574	PV4 5Z578
2.5 hp	80 in WC	154 cfm	70 in WC	200-230V AC	11	1 1/2 in	1 1/2 in	VFC508P-2T	5Z650	VV5 5Z575	PV5 5Z579
Single-Stage, 3-Phase											
0.17 hp	26.5 in WC	27 cfm	26 in WC	200-230/460V AC	0.53/0.26	1 in	1 in	VFC100A-7W	5JEP0	—	—
0.33 hp	37 in WC	42 cfm	34 in WC	200-230/460V AC	1.2/0.6	1 in	1 in	VFC200A-7W	5F242	—	—
0.5 hp	50 in WC	56 cfm	45 in WC	575V AC	0.75	1 1/4 in	1 1/4 in	VFC300A-5W	5JEP1	—	PV3 5Z577
0.56 hp	50 in WC	56 cfm	45 in WC	200-230/460V AC	1.7/8.5	1 1/4 in	1 1/4 in	VFC300A-7W	5Z649	—	PV3 5Z577
1.4 hp	58 in WC	89 cfm	50 in WC	230/460V AC	3.8/1.8	1 1/2 in	1 1/2 in	VFZ401A-7W	53WC07	VV4 5Z574	PV4 5Z578
1.4 hp	58 in WC	89 cfm	50 in WC	575V AC	1.4	1 1/2 in	1 1/2 in	VFZ401A-5W	53WC08	VV4 5Z574	PV4 5Z578
2.7 hp	80 in WC	135 cfm	80 in WC	230/460V AC	7.8/3.7	1 1/2 in	1 1/2 in	VFZ501A-7W	53WC09	—	—
2.7 hp	80 in WC	135 cfm	80 in WC	575V AC	3.0	1 1/2 in	1 1/2 in	VFZ501A-5W	53WC10	—	—
5 hp	134 in WC	173 cfm	96 in WC	230/460V AC	13.2/6.1	2 in	2 in	VFZ601A-7W	53WC11	VV0662 12F714	—
5 hp	134 in WC	173 cfm	96 in WC	575V AC	4.9	2 in	2 in	VFZ601A-5W	53WC12	VV0662 12F714	—
6.7 hp	85 in WC	217 cfm	9.7 in WC	575V AC	6.5	2 in	2 in	VFZ701A-5W	53WC14	VV7 5Z652	PV7 5Z654
6.7 hp	105 in WC	217 cfm	98 in WC	230/460V AC	17.6/8.1	2 in	2 in	VFZ701A-7W	53WC13	VV7 5Z652	PV7 5Z654
10.7 hp	115 in WC	379 cfm	105 in WC	230/460V AC	27.8/12.6	2 in	2 1/2 in	VFZ801A-7W	53WC15	VV8 5Z653	PV8 5Z655
10.7 hp	115 in WC	379 cfm	105 in WC	575V AC	10.1	2 in	2 1/2 in	VFZ801A-5W	53WC16	VV8 5Z653	PV8 5Z655
14.7 hp	100 in WC	574 cfm	80 in WC	230/460V AC	39.1/18.9	3 in	3 in	VFZ901A-7W	53WC17	VV8 5Z653	PV8 5Z655
14.7 hp	100 in WC	574 cfm	80 in WC	575V AC	15.2	3 in	3 in	VFZ901A-5W	53WC18	VV8 5Z653	PV8 5Z655
Single Stage, 3-Phase, High-Pressure Turbo Blowers											
1.2 hp	11 in WC	750 cfm	6.9 in WC	230V AC	9.3	4 in	4 in	RD6-L	39UV94	VRV305 38UW92	—
1.2 hp	11 in WC	750 cfm	6.9 in WC	460V AC	4.75	4 in	4 in	RD6-H	39UV93	—	—
2-Stage, 1-Phase											
1.2 hp	125 in WC	56 cfm	110 in WC	115/230V AC	14.2-12/7.2-6	1 in	1 in	2VFB30-1.2-5T	38UW85	—	PRV305 38UW86
2-Stage, 3-Phase											
1.2 hp	125 in WC	56 cfm	110 in WC	230/460V AC	3.9-3.68/2.2-2.12	1 in	1 in	2VFB30-1.2-7W	38UW84	VRV307 38UW93	PRV307 38UW87
3.42 hp	169 in WC	106 cfm	140 in WC	230/460V AC	10.4-9.4/5.85-5.52	1 1/2 in	1 1/2 in	2VFB40-3.42-7W	38UW83	VRV40 38UW94	PRV40 38UW88
6.16 hp	192 in WC	159 cfm	160 in WC	230/460V AC	16.1-15.7/9.3-9.1	2 in	2 in	2VFB50-6.16-7W	38UW82	VRV50 38UW95	PRV50 38UW89
7.4 hp	200 in WC	222 cfm	185 in WC	230/460V AC	26.1-21.1/13.8-12.1	2 in	2 in	2VFB60-8.4-7W	38UW81	VRV608 38UW96	PRV608 38UW90
11.5 hp	265 in WC	222 cfm	215 in WC	230/460V AC	30-24.4/16-14.1	2 in	2 in	2VFB60-11.5-7W	38UW80	VRV6011 38UW97	PRV6011 38UW91

† Voltage range at 50 Hz. 1-phase 110 or 110/120V. 3-phase 190-230/380-460V.



5F245

FUJI Inlet Filters with Replaceable Covers

Filters have perforated outer cylinders; inner cylinder is wrapped with fine 0.009" mesh screen. Replaceable filter covers are made of 1/8"-thick, 100% polyester filter media. They provide 80% efficiency to 5 microns and are for use with Fuji, Gast, Rotron, Siemens, and Spencer regenerative blowers.

For Use with Blower Nos.	Inlet Filter with Cover Mfr. Model Item No.	Replacement Filter Cover Mfr. Model Item No.
VFC100A-7W, VFC100P-5T, VFC200A-7W, VFC200P-5T, VFC300A-7W, VFC300P-5T, VFD2S, VFD3S	F-123 5Z581	C-123 5Z584
VFC400A-5W, VFC400A-7W, VFC400P-5T, VFC500A-5W, VFC500A-7W, VFC508P-2T, VFD4, VFD41, VFD41S, VFD42, VFD42S	F-45 5Z582	C-45 5Z585
VFC600A-5W, VFC600A-7W, VFC700A-5W, VFC700A-7W, VFD5, VFD5D, VFD6	F-67 5Z583	C-67 5Z586
VFC800A-5W, VFC800A-7W, VFC904A-5W, VFC904A-7W, VFD6D, VFD8, VFD9	F-89 5F244	C-89 5F245