

# Ring Compressors and Blowers



Genuine Fuji Electric Ring Compressors  
for VFC, VFZ, and VFB Series

November 2024

**FE** Fuji Electric

# Specifications

## Ring Compressors

Product Model	Max. Pressure in. H <sub>2</sub> O	Max. Vacuum in. H <sub>2</sub> O	Max. Flow: SCFM	HP	Voltage	Phase	Weight: lbs. (kg)
VFC080P-5T	19.5	18.7	19.5	0.10	115/230	1	13.3 (6.0)
VFC080A-2T	19.5	18.7	19.5	0.10	230	3	13.3 (6.0)
VFC080A-4W	19.5	18.7	19.5	0.10	460	3	13.3 (6.0)
VFC100A-7W	26.5	25	27	0.17	230/460	3	19 (8.6)
VFC100P-5T	27.5	26	27	0.17	115/230	1	19 (8.6)
VFC200A-7W	37	34	42	0.33	230/460	3	22 (10)
VFC200P-5T	34	33	42	0.33	115/230	1	22 (10)
VFC300A-5W	50	45	55	0.50	575	3	25.5 (11.5)
VFC300A-7W	50	45	55	0.50	230/460	3	25.5 (11.5)
VFC300P-5T	50	45	56	0.50	115/230	1	27 (12.3)
VFC400P-5T	54.5	50	98	1.00	115/230	1	51 (23)
VFZ401A-5W	60	53	89	1.3	575	3	46 (20.1)
VFZ401A-7W	60	53	89	1.3	230/460	3	46 (20.1)
VFB175P-5T	72	65	106	1.75	115/230	1	40 (18.1)
VFB175A-7W	72	65	106	1.75	230/460	3	40 (18.1)
VFC508P-2T	80	70	154	2.50	200/230	1	97.5 (44)
VFZ501A-5W	80	83	135	2.70	575	3	77 (35)
VFZ501A-7W	80	83	135	2.70	230/460	3	77 (35)
VFZ601A-5W	134	95	173	5.00	575	3	108 (49)
VFZ601A-7W	134	95	173	5.00	230/460	3	108 (49)
VFB600P-2T	175	175	211	5.00	230	1	88 (40)
VFZ701A-5W	130	99	250	6.70	575	3	134 (60.8)
VFZ701A-7W	130	99	250	6.70	230/460	3	134 (60.8)
VFZ801A-5W	135	112	379	11	575	3	211 (95.7)
VFZ801A-7W	135	112	379	11	230/460	3	211 (95.7)
VFZ901A-5W	139	110	574	14.70	575	3	259 (117.5)
VFZ901A-7W	139	110	574	14.70	230/460	3	259 (117.5)
VFB2000-7W	204	141	755	20.00	230/460	3	315 (143)
VFB3000-7W	168	145	791	30	230/460	3	350(159)
2VFB30-1.2-5T	100	100	57	1.20	115/230	1	36 (16.6)
2VFB30-1.2-7W	125	110	56	1.20	230/460	3	36 (16.6)
2VFB40-3.42-7W	172	140	106	3.42	230/460	3	64 (29)
2VFB50-6.16-7W	189	165	158	6.16	230/460	3	106 (48.2)
2VFB60-8.4-5W	200	177	222	8.40	575	3	170 (77.3)
2VFB60-8.4-7W	200	177	222	8.40	230/460	3	170 (77.3)
2VFB60-11.5-7W	245	185	222	11.50	230/460	3	177 (80.5)
VFD2-L	84	72	54	0.88	230	3	33 (15)
VFD2-H	84	72	54	0.88	460	3	33 (15)
VFD2S	84	72	54	1.00	115	1	33 (15)
VFD41-L	72	76	120	2.20	230	3	48 (21.8)
VFD41-H	72	76	120	2.20	460	3	48 (21.8)
VFD41S	96	96	120	2.20	230	1	46 (20.9)
VFD42-L	100	104	120	2.60	230	3	51 (23.2)
VFD42-H	100	104	120	2.60	460	3	51 (23.2)
VFD4-L	145	112	120	3.50	230	3	60 (27.3)
VFD4-H	145	112	120	3.50	460	3	60 (27.3)
VFD5-L	137	120	148	4.00	230	3	78 (35.5)
VFD5-H	137	120	148	4.00	460	3	78 (35.5)
VFD6-L	90	85	198	4.80	230	3	77 (35)
VFD6-H	90	85	198	4.80	460	3	77 (35)

# Applications



## Pneumatic Conveying

Fuji Electric Ring Compressors are the “engines” for these critical pneumatic tube systems for the medical industry.



## Wastewater Treatment

Fuji Electric Blowers provide clean, dry air for aeration in wastewater treatment systems.



## Aquaculture

Fuji Electric blowers provide aeration for shrimp and fish farming applications.



## Concrete Aeration

Fuji Electric blowers provide aeration for dry concrete batch plants.



## Air Monitoring

Fuji Electric blowers are used in both pressure and vacuum systems to monitor air quality.

## Explosion Proof Blowers

Product Model	Max. Pressure in. H <sub>2</sub> O	Max. Vacuum in. H <sub>2</sub> O	Max. Flow: SCFM	HP	Voltage	Phase	Weight: lbs. (kg)
EXV500-7W	170	126	194	5.0	230/460	3	183 (83)
EXV1000-7W	191	130	406	8.6	230/460	3	243 (110)

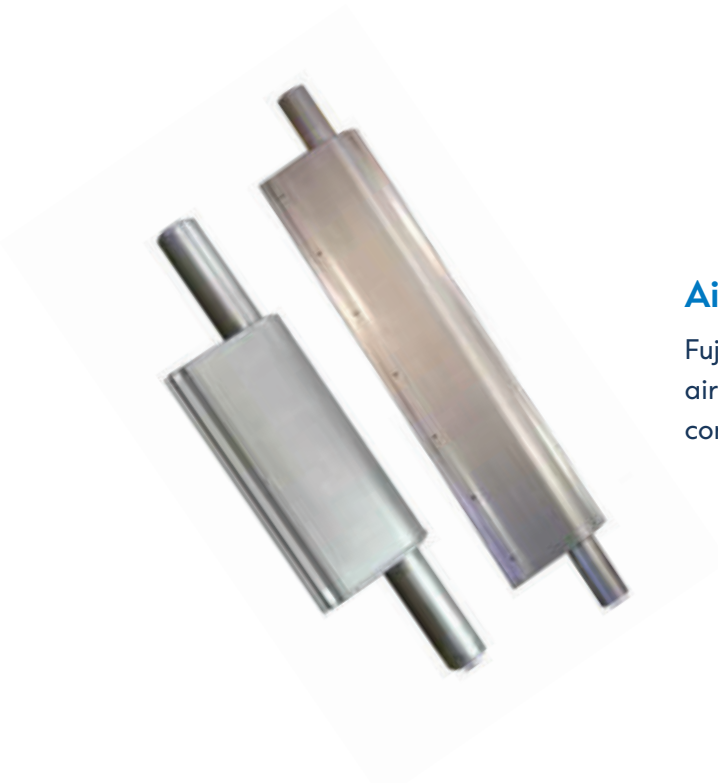
## Turbo Blowers

Product Model	Max. Pressure in. H <sub>2</sub> O	Max. Flow: CFM	HP	Voltage	Phase	Weight: lbs. (kg)
FDC-005P-5T	5.6	220	0.5	115/230	1	32.9
FDC-005A-7W	5.6	254	0.5	230/460	3	32.9
FDC-010P-5T	8.8	478	1	115/230	1	48.9
FDC-010A-7W	8.9	562	1	230/460	3	46.3
FDC-020P-2T	12.6	594	2	230	1	70.6
FDC-020A-7W	13	594	2	230/460	3	73.4
FDC-030A-7W	15	1111	3	230/460	3	79.2
FDC-050A-7W	18.5	1860	5	230/460	3	136.9
FDC-075A-7W	22.5	1870	7.5	230/460	3	180
FDC-100A-7W	28.5	1870	10	230/460	3	253
FDC-150A-7W	30	4240	15	230/460	3	319
FDC-200A-7W	30	5850	20	230/460	3	341

# Additional Products

## Accessories

Fuji Electric provides a wide variety of Blower accessories to complete your installation. Accessories include Pressure and Vacuum Relief Valves, Inlet and Vacuum Filters, Aspirators, Silencers and Vacuum Boosters.



## Air Knives

Fuji Electric provides engineered air knives and air knife systems. We can provide individual components or turn-key systems.

## Systems

Fuji Electric provides engineered systems incorporating Fuji Electric Ring Compressors. Engineered Designs include Industrial Vacuum Systems, Engine-Driven Blower Systems for remote operations and Aspirator Systems.

