



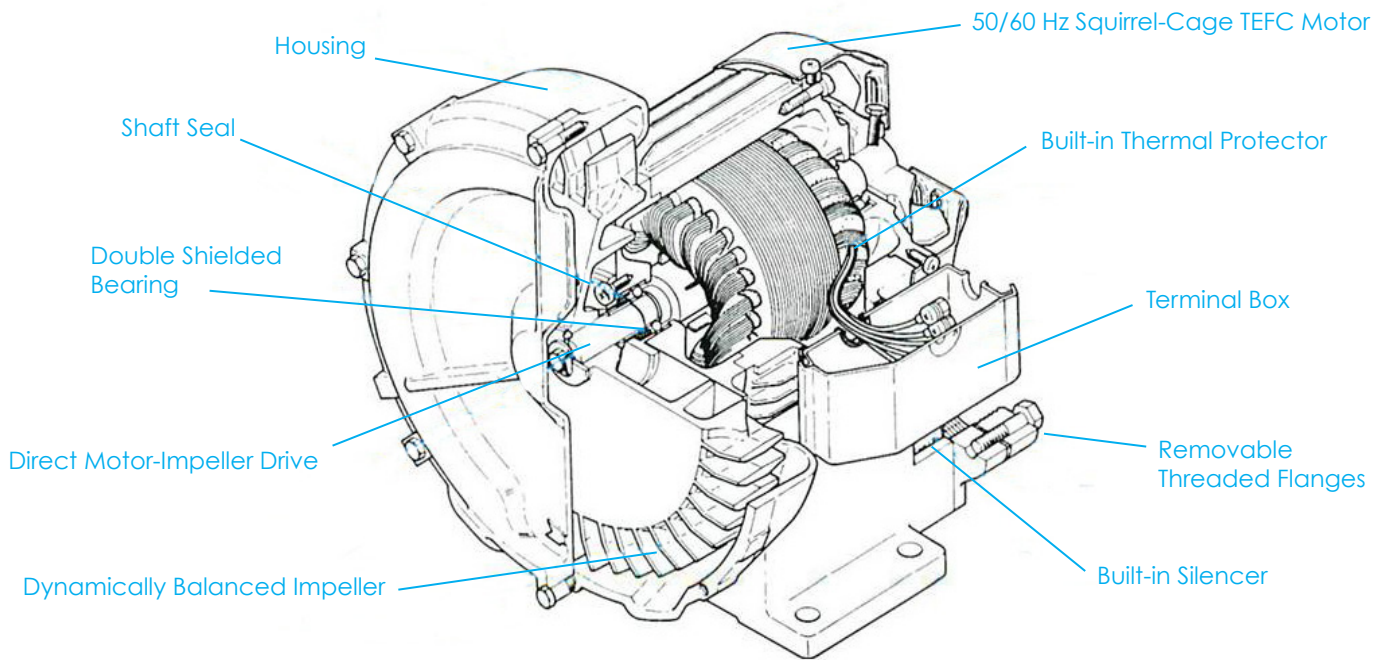
SPECIFICATIONS

PRODUCT MODEL	Phase	Voltage	Hz	HP	Amps	Locked Amps	Max. Pressure in. H2O	Max. Vacuum in. H2O	Max. Flow: SCFM	Min Flow: SCFM	Max. Temp. Rise: F°(C°)	Weight: lbs.(kg)
VFC063P-1T	1	115	60	1/20	0.56	1.2	10	9.7	17.7	0	54(30)	6.0 (2.7)
VFC080P-1T	1	115	60	1/10	1.2	3.4	19.5	18.7	19.5	0	54(30)	13.3 (6.0)
VFC084A-2T	3	200-240	60	1/10	.40-.42	1.8-2.1	19.5	18.7	19.5	0	54(30)	13.3 (6.0)
VFC084A-4W	3	400-480	60	1/10	.21-.20	.9-1.1	19.5	18.7	19.5	0	54(30)	13.3 (6.0)
VFC080P-5T	1	115/230	60	1/10	1.2/6	3.4/1.7	19.5	18.7	19.5	0	54(30)	13.3 (6.0)
VFC100A-7W	3	200-240/400-480	60	1/6	.53-.52/.27-.26	2.0-2.4/1.0-1.2	26.5	25	27	3.5	72(40)	19 (8.6)
VFC100P-5T	1	115/230	60	1/6	1.5/0.75	8.4/4.2	27.5	26	27	3.5	72(40)	19 (8.6)
VFC200A-7W	3	200-240/400-480	60	1/3	1.2/.6	5.2-6.0/2.6-3.0	37	34	42	3.5	72(40)	22 (10)
VFC200P-5T	1	115/230	60	1/3	3.6/1.8	11/5.5	34	33	42	3.5	72(40)	22 (10)
VFC300A-5W	3	575	60	1/2	0.75	3.8	50	45	55	17	54(30)	25.5 (11.5)
VFC300A-7W	3	200-240/400-480	60	1/2	1.5-1.7/.75-.85	7.2-8/3.6-5	50	45	55	17	54(30)	25.5 (11.5)
VFC300P-5T	1	115/230	60	1/2	5.0/2.5	17/8.5	49	45	56	17	54(30)	27 (12.3)
VFC400A-5W		575	60	1	1.3	7.2	54.5	50	98	3.5	119(65)	47.5 (21.5)
VFC400A-7W	3	200-240/400-480	60	1	3.3-2.8/1.7-1.4	15-16.5/7.4-8.2	54.5	50	98	3.5	119(65)	47.5 (21.5)
VFC400P-5T	1	115/230	60	1	8.6-4.3	24/12	54.5	50	98	3.5	119(65)	51 (23)
VFC508P-2T	1	200/230	60	2 1/2	12.0-11	70-80	80	70	154	60	72(40)	97.5 (44)
VFC500A-5W	3	575	60	2 1/2	2.3	21	80	70	154	45	101(55)	70.5 (32)
VFC500A-7W	3	200-240/400-483	60	2 1/2	6.9-6.2/3.4-3.1	44-52/22-26	80	70	154	45	101(55)	79.5 (32)
VFC600A-5W	3	575	60	4 1/2	4.4	36	118	98	206	56	126(70)	114 (52)
VFC600A-7W	3	200-240/400-483	60	4 1/2	12-11/6.0-5.5	78-90/39-45	118	98	206	56	126(70)	114 (52)
VFC700A-5W	3	575	60	7	6.7	35	114	96	267	88	137(75)	180 (82)
VFC704A-7W	3	200-240/400-486	60	7	15.6-16/7.8-8.0	110-115/50-58	114	96	267	88	137(75)	180 (82)
VFC800A-5W	3	575	60	10	9.2	66	135	110	388	135	137(75)	287 (130)
VFC800A-7W	3	200-240/400-490	60	10	26-23/13-11.5	144-160/72-80	135	110	388	135	137(75)	287 (130)
VFC904A-5W	3	575	60	20	16	130	139	110	570	195	162(90)	450 (205)
VFC904A-7W	3	200-240/400-493	60	20	48-44/24-22	290-330/145-165	139	110	570	195	162(90)	450(205)



Features

Suction and Discharge Silencers reduce blower noise levels. Dynamically balanced Die cast impellers allows for vibration free operation. Shielded Shaft bearing and seal provides grease retention and protects bearings for a longer life. Multi-voltage Fuji Electric Blower Motors are manufactured specifically to minimize OEM inventory requirements. Removable Threaded Flanges allow for ease of maintenance or replacement and the built-in Thermal Protector keeps motor from overheating.



Principles of Operation

Fuji Electric Ring Compressors are high volume, low pressure devices that are used for pressure or vacuum applications. The unit consists of an impeller mounted directly to the motor shaft rotating at a speed of 3450 RPM. As the impeller spins and the blades pass the inlet port, a low pressure area is created drawing air into the inlet port of the blower. The impeller blades impart motion to the air, throwing it outward and forward. The air follows the contour of the impeller housing and this is repeated as the impeller turns. This action causes the regeneration process and the air increases in pressure as it reaches the outlet port. Fuji Electric Ring Compressors are capable of pressures up to 5 psi and vacuum levels of 8 in. Hg. Flow rates up to 570 CFM can be achieved. The construction of Fuji Electric Ring Compressors mean that the only moving part of the blower is the impeller. These devices compress air in such a way that there is no lubrication needed; the discharge air is free from any oil.

Construction

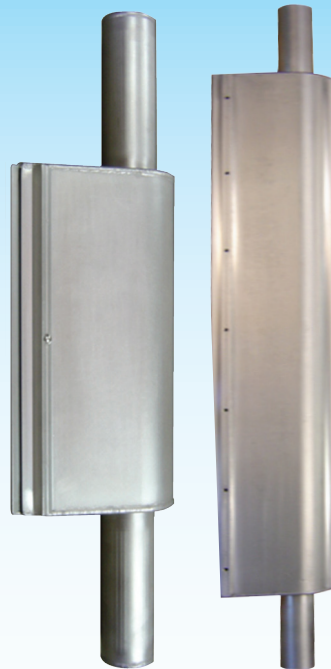
Fuji Electric Ring Compressors are designed to meet the most critical application requirements. Each unit features an impeller, mounting base and housing manufactured of Aluminum Alloy for maximum strength, reduced weight and increased corrosion resistance. The unit is designed for mechanical simplicity and maximum structural integrity. All motors are TEFC (TENV on models less than 1/10 HP). The devices are Underwriters Recognized, CSA Certified and CE Compliant. Each unit contains a built-in pilot duty thermal protector.

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.

FE Fuji Electric

Fuji Electric is the North American Distributor for Elektror Air Systems. Elektror, founded in 1923, is a leading international supplier of industrial radial blowers and side channel blowers.

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