

# Ring Compressors



## Specifications

| PRODUCT MODEL  | Max.<br>Pressure<br>in. H2O | Max.<br>Vacuum in.<br>H2O | Max. Flow:<br>SCFM | HP    | Voltage | Phase | Weight: lbs.<br>(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     | 49                          | 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                        | 92                 | 1.40  | 575     | 3     | 46 (20.1)            |
| VFZ401A-7W     | 60                          | 53                        | 92                 | 1.40  | 230/460 | 3     | 46 (20.1)            |
| VFB175P-5T     | 72                          | 65                        | 105                | 1.75  | 115/230 | 1     | 40 (18.1)            |
| VFC508P-2T     | 80                          | 70                        | 154                | 2.50  | 200/230 | 1     | 97.5 (44)            |
| VFZ501A-5W     | 85                          | 83                        | 145                | 2.70  | 575     | 3     | 77 (35)              |
| VFZ501A-7W     | 85                          | 83                        | 145                | 2.70  | 230/460 | 3     | 77 (35)              |
| VFZ601A-5W     | 134                         | 95                        | 190                | 5.00  | 575     | 3     | 108 (49)             |
| VFZ601A-7W     | 134                         | 95                        | 190                | 5.00  | 230/460 | 3     | 108 (49)             |
| 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                       | 388                | 10.70 | 575     | 3     | 211 (95.7)           |
| VFZ801A-7W     | 135                         | 112                       | 388                | 10.70 | 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)            |
|                |                             |                           |                    |       |         |       |                      |
| 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.

## Turbo Blowers

| PRODUCT MODEL | Max Pressure in. H2O | Max. Flow CFM | HP  | Voltage | Phase | Weight (lbs.) |
|---------------|----------------------|---------------|-----|---------|-------|---------------|
| FDC-005A-7W   | 5.6                  | 254           | 0.5 | 230/460 | 3     | 32.9          |
| FDC-010A-7W   | 8.9                  | 562           | 1   | 230/460 | 3     | 46.3          |
| 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-005P-5T   | 5.6                  | 220           | 0.5 | 115/230 | 1     | 32.9          |
| FDC-010P-5T   | 8.8                  | 478           | 1   | 115/230 | 1     | 48.9          |
| FDC-020P-5T   | 12.6                 | 594           | 2   | 230     | 1     | 70.6          |



## 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.



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