

Vertical turbine fire pumps from A-C Fire Pump are designed to provide water to stand pipe, sprinkler, chemical mitigation and hydrant systems for fire suppression in industrial and commercial facilities.

Features & Benefits

- Pressure ratings: 50 PSI to 350 PSI.
- Capacity rating: 250 GPM to 5,000 GPM.
- Performance and hydrostatic tests.
- In compliance with NFPA 20, UL, ULC, FM.
- Materials of construction: cast iron, bronze fitted.
- Sealing arrangement: packing with flushing.
- Modular construction: assures complete flexibility in selecting a pump.
- Pre-engineered standard components.
- Space-saver design: requires minimum floor space.
- Static suction lift: permissible by NFPA 20 where water source is located below ground.
- Open line shaft: water-lubricated bowl and line-shaft bearings.
- Bolted bowl: bowls and suction bell are bolted together, allowing easier disassembly.
- Dynamic balanced impellers: secured to the shaft with steel locking collets.
- Discharge gauge connection.

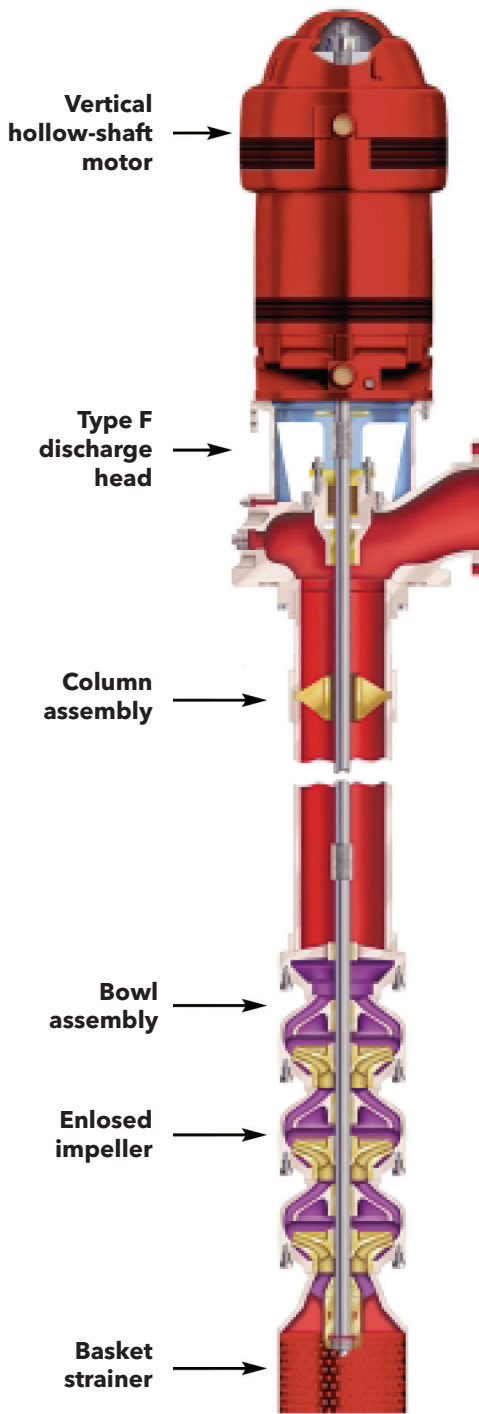


Fire Pumps Vertical Turbine

CAPACITIES: TO 5000 GPM
PRESSURES: 50 TO 350 PSI

AC VERTJ03

AC FIRE PUMP
a xylem brand



| Part Description | Material |
|--------------------------|--|
| Discharge head | Cast iron or fabricated steel - 125#, 150# and 250# flange |
| Column assembly Shaft | Steel Stainless steel - 416 |
| Bowl | Cast iron |
| Enclosed impeller | Bronze |
| Strainer | Brass |

| Capacity (GPM) | Bowl Head (PSI) | Number of Stages | HP |
|-----------------|-----------------|------------------|------------|
| 250 min max | 49 206 | 3 9 | 12 48 |
| 500 min max | 54 256 | 3 9 | 23 117 |
| 750 min max | 71 323 | 3 10 | 44 217 |
| 1000 min max | 85 352 | 3 10 | 71 307 |
| 1500 min max | 50 295 | 2 7 | 64 419 |
| 2000 min max | 55 257 | 2 6 | 88 460 |
| 2500 min max | 77 186 | 2 3 | 152 437 |
| 3000 min max | 101 147 | 2 2 | 301 466 |
| 3500 min max | 94 141 | 2 2 | 292 461 |
| 4000 min max | 105 141 | 2 2 | 329 486 |
| 4500 min max | 56 129 | 1 2 | 249 531 |
| 5000 min max | 55 126 | 1 2 | 249 527 |



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