



## Vertical Turbine Fire Pumps

**Capacities: to 5000 GPM**  
**Pressures: 50 to 350 PSI**

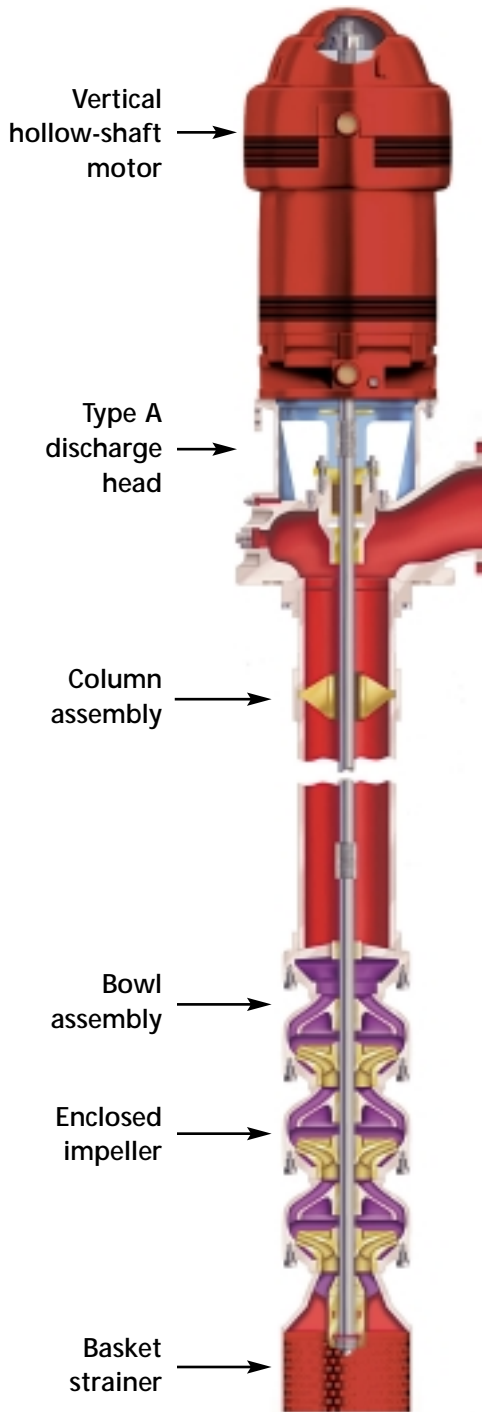
Vertical turbine fire pumps from A-C Fire Pump are designed to provide water to stand pipe, sprinkler, chemical mitigation and hydrant systems for fire suppression in industrial and commercial facilities.

### Features and 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.



A-C Fire Pump



Part Description	Material
Discharge head	Cast iron or fabricated steel - 125#, 150# and 250# flange
Column assembly	Steel
Shaft	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



## A-C Fire Pump

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