



High Efficiency & Durability: Technology at your Service

FEATURES:

- Heavy Duty Cast Iron Bowls and Bronze
- Impellers comply with ASTM standard.
- Flanged bowls for pump strength.
- Enameled Bowls for higher hydraulic efficiencies.
- NPT female thread discharge.
- Stainless Steel 416 Pump Shaft.
- Water lube or oil lube column shafts .
- Electrical VHS Motor or Engine Driven through Right-Angle Gear Drives.
- Discharge Heads in Cast Iron or Machined Steel.

OPERATING CONDITIONS:

- Wide Range of Flows and Heads available.
- Flows up to 3500 GPM (800m³/hr).
- Special Metalurgies or specific applicatiions.
- Max. Working Temp.: Up to 250°F (120°C).
- Max.recommended column depth setting: 500 ft. (150 mts.).

APPLICATIONS:

- Deep Wells por Potable Water
- Agriculture Irrigation
- Mining & Construction
- Municipal Applications
- Booster Systems
- Emergency Fire Systems

AFT Vertical Turbine Pumps are engineered using the toughest materials for reliability and durability. AFT pumps have amongst the highest hydraulic efficiencies in the industry for enhanced energy savings and can be used for a variety of applications, where low maintenance, high flows and dependability are required.





Material Specification VT Series

1	Motor
2	Discharge header
3	Columns
4	Discharge
5	Bowl and impeller
6	Suction
7	Strainer

Component	Material
Bowl Assembly	Cast Iron
Bowl Bearing	Bronze
Impeller	Bronze
Bowl Shaft	416 SS
Strainer	Galvanized Steel
Discharge column	A53 Steel
Column Shaft	C1045 Steel
Stabilizing	Bronze
Column Bearings	Neoprene
Discharge Head	Cast Iron

