

Vertical Turbine

Bristol vertical turbine centrifugal pump is developed and fabricated in accordance to NFPA 20. It is used for any underground water source where the water level is below the ground level. The pump's impeller remains submerged with the water tank at all times and supported by column pipe.

Feature:

- Performance and hydrostatic tests
- In compliance with NFPA 20, UL 448 requirements
- Material 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
- Stuffing box (gland) – (bronze) – to press the packing gland into seal area through bolt
- 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
- UL file no. EX

Performance Range:

Capacity : From 200 GPM up to 1500 GPM

Head : From 50 meters up to 210 meters

Vertical Turbine - Bristol Fire Engineering



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