

# Vertical Turbine Pumps

## PEERLESS VT

The Peerless VT vertical turbine pump provides a wide range of hydraulic and mechanical coverage and is offered in numerous material and design configurations. These configuration options allow for custom-engineered construction tailored to suit your requirements while ensuring maximum value, high efficiency and long term pump performance. Peerless Pump is a leading manufacturer of engineering vertical pumps for multiple applications, ranging from close coupled short set to deep set, single and multi-stage for municipal, industrial, process and utilities markets.

### Key Features and Benefits

- Peerless Pump pioneered and patented the 'double seal' lateral seal feature to provide increased pump efficiency and extended pump life with focus on the critical surfaces between bowls and impellers
- Only Peerless Pump utilizes dual bowl bearings to provide extended pump life, utilizing rubber and bronze bearings to protect shaft and impellers against wear in a wide range of operating services
- Wide range of hydraulic and mechanical coverage, offered in numerous material and design configurations to suit your needs
- Very stable low profile design especially suited for hollow shaft drives, and available in a range of base connection configurations including ANSI flange mounting
- Capability for solid shaft drivers with spacer couplings including discharge sizes through 16 in. for threaded and flanged column connections
- Custom engineered construction tailored to suit your requirements to provide maximum value, high efficiency and economical long term pump performance
- Potable water NSF 372 certified materials to provide clean water supply to the highest standards



#### APPLICATIONS

- Municipal raw source water
- Water treatment and transport
- Municipal booster and distribution
- Flood and stormwater control

## VT Technical Data

VT Information	
Flow, Q:	max. 150,000 gpm
Head, H:	max. 2,300 ft
Temperature.:	max. 180°F
Horsepower.:	max. 5,000 hp

