

# Vertical Turbine Fire Pump

This fire pump set is engineered to meet fire pump standards. It consists of impellers, guide casings, water pipes, transmission shafts, pump base motors and other components.



## Product Overview

### Professional Deep Well Fire Pump

This deep well fire pump set is engineered in compliance with GB6245-2006 performance requirements for fire protection equipment. The unit utilizes a multi-stage centrifugal impeller and guide casing design to provide consistent flow and pressure for industrial and commercial fire suppression. With a modular structure involving the pump base, motor, and transmission shafts, it is designed for reliable installation above water sources.

## Technical Standards

Certifications	GB6245-2006, Fire Protection Certified
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## Operating Conditions

Max Water Temperature	40 °C
pH Range	6.5 - 8.5
Max Solid Content	0.01 %
Max Hydrogen Sulfide	1.5 mg/L

## Construction Details

### System Architecture

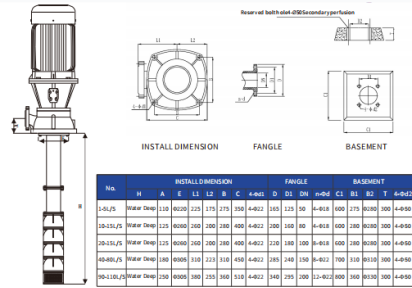
- Working Part (Guide shell, Impeller, Tapered sleeve, Shaft)
- Water Pipe Part (Transmission shaft, Couplings, Brackets)
- Well Upper Part (Base, Motor, Motor bracket)

Shaft Material Options	2Cr13, Stainless Steel
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## Performance Data

Available Capacity Ranges	1-5 L/S, 10-15 L/S, 20-15 L/S, 40-80 L/S, 90-110 L/S
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## Installation Data



Dimensional overview for system installation planning.

### Installation Dimensions Reference

Capacity	H Dimension	A Dimension	E Dimension
1-5 L/S	110	220	225
10-15 L/S	125	260	260
20-15 L/S	125	260	260
40-80 L/S	180	305	310
90-110 L/S	250	305	380