



OM JYOTI

ENGINEERING ENTERPRISES

Purity in Every Drop 

FIRE FIGHTING PUMP ROOM

SPECIFICATIONS

Our Fire Fighting Pump Room is designed to deliver uninterrupted water pressure and dependable performance during critical situations. Built with high-quality components and advanced technology to ensure safety, reliability, and compliance with international standards.

TECHNICAL SPECIFICATIONS

	Pump Type	Horizontal / Vertical Centrifugal Pump
	Pump Capacity	500 LPM to 5000 LPM (Customizable)
	Pressure Range	Up to 10 Bar
	Motor Power	5 HP to 150 HP (As per Requirement)
	Voltage	AC 415V, 3 Phase, 50 Hz
	Controller	Automatic / Manual / Jockey Pump Controller
	Material	CI / SS 304 / SS 316 (As per Application)
	Type of System	Electric Driven
	Application	Fire Protection in Commercial, Industrial, Residential & Institutional Buildings
	Compliance	IS: 15105, NFPA 20 Compliant



BUILDING TRUST
DELIVERING QUALITY
SINCE 2000

KEY FEATURES



Reliable Fire Protection



High Performance Pump



Advanced Control Panel



Jockey Pump for Pressure Stability



Durable & Long Lasting



Easy Installation & Maintenance

APPLICATIONS



Commercial Buildings



Industrial Facilities



Residential Complexes



Hospitals



Hotels & Malls



Institutions



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Reliable Packaging Solutions

• Efficiency in Every Seal

• Strong Pack. Smart Technology.



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SYSTEM COMPONENTS

- Fire Fighting Main Pump
- Jockey Pump
- Diesel Engine Driven Pump (Optional)
- Controller Panel
- Suction & Delivery Piping
- Pressure Gauges
- Non-Return Valve
- Butterfly / Gate Valve
- Balancing Valve
- Flexible Connector
- Base Frame & Foundation

PERFORMANCE FEATURES

					
Reliable Fire Protection	High Performance Pump	Advanced Control Panel	Jockey Pump for Pressure Stability	Durable & Long Lasting	Easy Installation & Maintenance

STANDARD COMPLIANCE

- ✓ IS: 15105 – Fire Pumps
- ✓ NFPA 20 – Standard for Fire Pumps
- ✓ NBC – National Building Code
- ✓ Factory Tested for Performance & Reliability

TYPICAL APPLICATIONS

							
Commercial Buildings	Industrial Facilities	Residential Complexes	Hospitals	Hotels & Malls	Institutions	Warehouses	Parking Structures



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• FIRE FIGHTING PUMP ROOM •

SYSTEM COMPONENTS

High-quality components work together to deliver reliable performance, ensure safety, and provide uninterrupted protection during critical situations.



1 FIRE FIGHTING MAIN PUMP

Centrifugal pump designed to deliver the required flow and pressure for fire protection systems.



6 PRESSURE GAUGES

Indicates system pressure at critical points for monitoring and safety assurance.



2 JOCKEY PUMP

Maintains system pressure and prevents unnecessary operation of the main pump.



7 NON-RETURN VALVE

Allows water to flow in one direction only, preventing backflow and protecting the system.



3 DIESEL ENGINE DRIVEN PUMP

Provides reliable power to the main pump in case of electrical power failure.



8 BUTTERFLY / GATE VALVE

Isolates sections of the system for maintenance and ensures smooth operation.



4 CONTROL PANEL

Monitors and controls pump operations with automatic start/stop and alarm indication.



9 BALANCING VALVE

Ensures proper water distribution and maintains balanced pressure throughout the system.



5 SUCTION & DELIVERY PIPING

Heavy-duty pipes designed for efficient water flow with minimal pressure loss.



10 FLEXIBLE CONNECTOR

Reduces vibration and noise, accommodates pipe movement, and protects system components.



11 BASE FRAME & FOUNDATION

Sturdy base frame provides stable support for the entire system, ensuring proper alignment and long-term durability.



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CONTACT US

We are here to help you with reliable fire protection solutions. Get in touch with us for inquiries, quotations, or any support.



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WORKS ADDRESS

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OUR SERVICES



FIRE FIGHTING
PUMP SYSTEMS



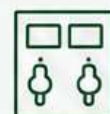
INSTALLATION &
COMMISSIONING



FIRE PROTECTION
SOLUTIONS



AMC &
MAINTENANCE



CONTROL PANEL
SOLUTIONS



WATER PRESSURE
SYSTEMS

GET IN TOUCH



Our team of experts is ready to assist you with the best fire safety solutions tailored to your needs.

YOUR SAFETY, OUR PRIORITY.



RELIABLE
SOLUTIONS



QUALITY
ASSURED



EXPERT
TEAM



ON-TIME
SUPPORT

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