



شركة المصنع السعودي لأجهزة الإطفاء
SAUDI FACTORY FOR FIRE EQUIPMENT Co.

Empowering
a **Safer Future** for
the Kingdom

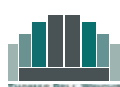


Wet Barrel (SFD-250-WH)

Fire
Hydrants



Quality Approvals for Various Products and Services



General Description

SFFECO Wet Fire Hydrant is designed for installation in areas where the water supply line remains permanently filled with water and where there is no risk of vehicle impact or freezing temperatures. This type of hydrant ensures immediate water availability for firefighting operations, enabling quick response during emergencies. It is particularly suitable for protected environments such as malls, shopping centers, colleges, hospitals, residential complexes, and other commercial or institutional facilities. The hydrant provides reliable water discharge for firefighting teams, supporting efficient fire control and enhancing overall building fire protection systems.

Specification

Manufacturing Standard

SFFECO Wet Fire Hydrant is manufactured in accordance with AWWA C503 standards, ensuring reliable construction, durability, and consistent performance for fire protection applications. The design meets recognized industry requirements for hydrant reliability and operational safety.

Nozzle Configuration

The hydrant is equipped with one (1) 4.5" pumper nozzle for high-capacity water supply to fire engines and two (2) 2.5" hose nozzles for direct firefighting hose connections. This configuration allows simultaneous use for firefighting operations and rapid connection by emergency response teams.

Nozzle Thread Standard

All nozzles are manufactured with threads conforming to NFPA 1963 standards, ensuring compatibility with standard firefighting hoses, adapters, and equipment used by fire departments and emergency responders.

Flange Connection

The hydrant base flange is designed according to ANSI B16.1, Class 125 (6") specifications, providing a secure and reliable connection to the water supply pipeline. Other flange types and connection standards can be provided upon request to meet specific project requirements.

Working Pressure

The hydrant is designed to operate at a working pressure of 250 psi for FM Approval and 200 psi for UL Listing, ensuring dependable performance under demanding firefighting conditions.

Working Temperature Range

The hydrant is suitable for operation within a temperature range of 42°F to 180°F, making it ideal for installations in environments where freezing conditions are not expected.

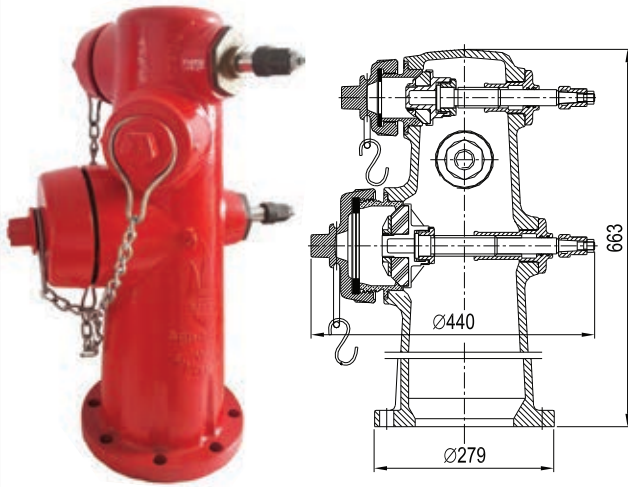
Corrosion Protection

To ensure long service life and resistance to harsh environmental conditions, the hydrant body undergoes a multi-stage protective coating process. Both the interior and exterior surfaces are electro-coated (E-coat) to a minimum dry film thickness of 0.6 mils, followed by the application of Fusion Bonded Epoxy (FBE) powder coating. This dual-layer protection provides excellent corrosion resistance, durability, and long-term performance.

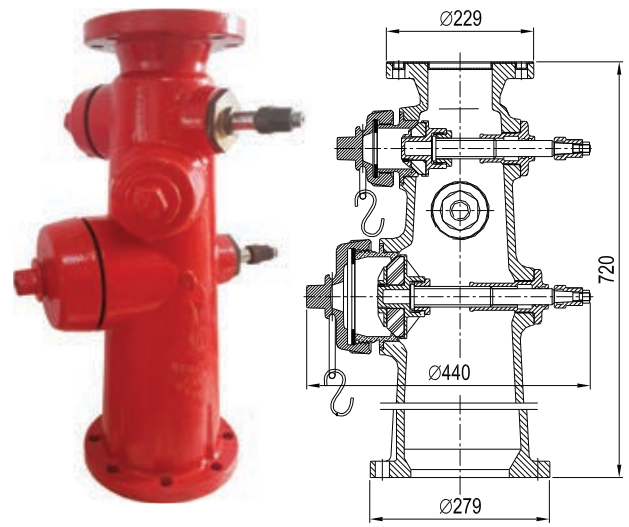
Note

Design specifications and materials are subject to change without prior notice as part of continuous product improvement.

Wet Barrel Hydrants



Model: SFD-250-WH (C)
Closed Head



Model: SFD-250-WH (F)
Flange Head

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Pumper Nozzle Cap	Cast Iron	A126 Class B
Pumper Nozzle	Bronze	B62 C83600
Main Valve	Rubber	NBR
Main Valve Holder	Stainless Steel	AISI 304
Hose Nozzle Cap	Cast Iron	A126 Class B
Hose Nozzle	Bronze	B62 C83600
Stem	Stainless Steel	AISI 304
Stem Nut	Bronze	B62 C83600
Operating Nut	Bronze	B62 C83600
O-ring	Rubber	NBR
Pumper Nozzle Gasket	Rubber	NBR
Hose Nozzle Gasket	Rubber	NBR



Since 1983, SFFECO has been a trusted name in fire protection, known for innovation and quality worldwide.

With state-of-the-art facilities in Riyadh and Dubai, we deliver a complete range of firefighting solutions that meet international standards.

Our innovative approach and comprehensive product portfolio make SFFECO the one-stop destination for reliable fire protection products and services.

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