



Design, Manufacturing, Installing, Testing, Commissioning & Technical Solutions



ABOUT US

WATEX Pumps Industries is privileged to be associated with the ever-increasing infrastructural demands of UAE.

WATEX Pumps industries, established in 2009 has earned a reputation pumps and fire fighting products at competitive pricing with the added benefit of a customer friendly environment.

We strive to provide the latest technology and international approved brands at affordable prices to all our customers. Our core competency is our customer relationship. We have built a trust with our everyday consumer, which has provided us with regular business for over two decades.

Why Choose Us

We strongly believe in great customer service and work towards the same. In doing so, we offer extended warranties and special offers that are provide by our suppliers and product manufacturers. Our staff is educated about the products are available for any questions or concerns you might have. WATEX PUMPS INDUSTRIES can offer to you a wide range of different types of pumps to be suitable for all applications, this all is between your hand by following the lastest updates of Global standerds we can ensure the 100% qualified pumps.

It is our mission to effectively provide high quality pumping systems in the United Arab Emirates and contribute to a better quality of life.

VERTICAL TURBINE FIRE PUMPS



Our WV (WATEX VERTICAL TURBINE) Fire Pumps are used for transferring clear water across a broad range of applications, the pump intake can be connected to either the the public underground water supply piping or a static water source, this pump delivers water flow at higher pressure to the sprinkler system risers and hose standpipes and it is capable of starting with negative suction pressure

MODELS

100 LB	100 LB-50	150 LB	150 LB-32.5	150 LB-50
150 WV	150 WV-32.5	150 WV-50	200 WV-60	200 WVX-60
		250 WV-60		

DESIGN & CONSTRUCTION FEATURES

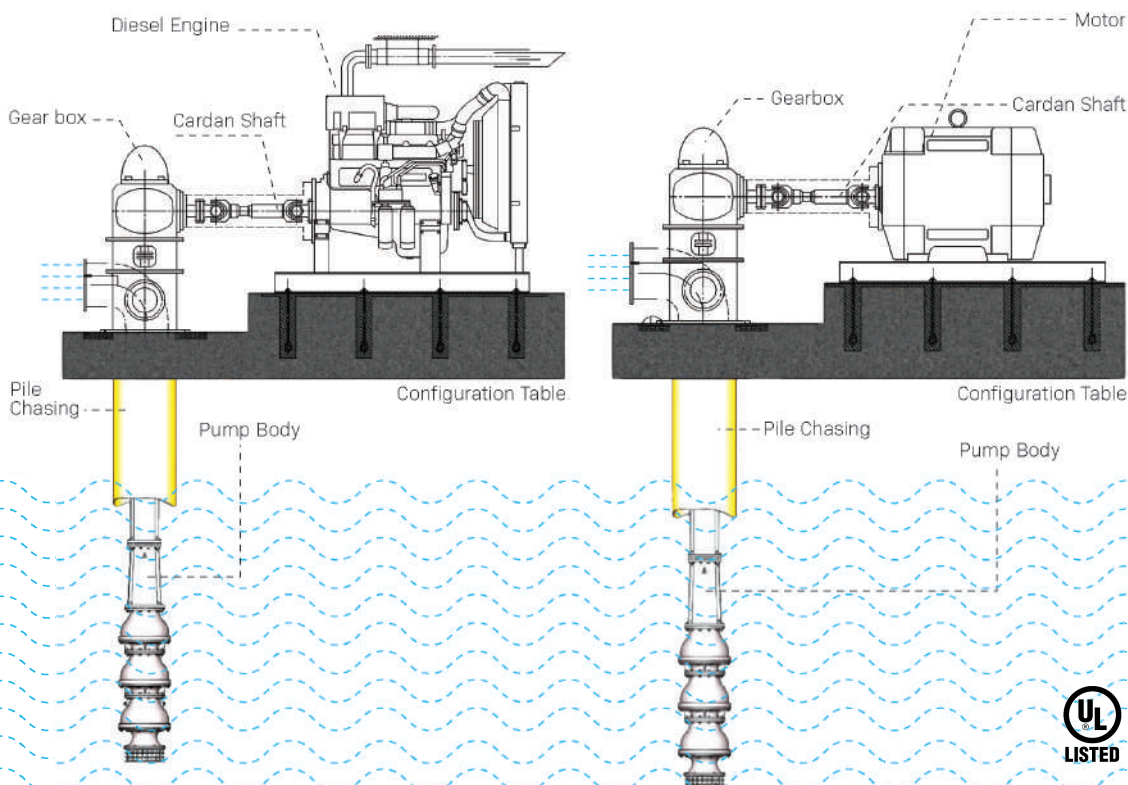
- Designed and built as per UL for maximum reliability
- This pump is UL listed under file No. EX27018
- Dynamically Balanced Impeller extends bearing life and ensures smoother operation
- Designed with fewer stages to be suitable for variable water levels
- Constructed with a variety of metallurgies
- Drivers with gearboxes available at electric and diesel speeds
- Designed for easy maintenance without interfering with piping
- Utilizes open line shaft water-lubricated construction for ease of maintenance
- Packaged systems are available
- Self Venting Design eliminates vapor lock and the need for air release valves
- Efficiently designed shaft to minimize shaft deflection
- Heavy wall thickness provides a generous corrosion allowance
- Modular construction assures complete flexibility in selecting a pump
- Space-saving design with a small footprint, ideal for retrofitting



Rated Flow -Q (From 50 to 1250) GPM
Max. Working Pressure -P up to 420PSI
Speed -N (From 1480 to 3190) RPM
Temperature -T up to 105C
Impeller Stainless Steel

HYDROSTATIC PRESSURE TEST

Each Pump must be tested hydrostatically for no less than 5 minutes at a pressure of at least 1.5 times the maximum working pressure without any rupture or leakage through the pump casting



END SUCTION FIRE PUMPS



Our WE (WATEX END SUCTION) Fire Pumps are serialized products, Horizontal Single Stage Flow Volute Casing Centrifugal Pumps with a discharge outlet perpendicular to the suction inlet. They are designed according to NFPA 20 for Firefighting Applications. These pumps are more compact and require less installation space in a fire pump room making them ideal where available space is a concern. End suction pumps can be used with either an electric driver or a diesel driver to supply the fire system with water for applications

MODELS

WE 50-260	WE 50-315	WE 65-250	WE 65-260	WE 65-315
WE 80-250	WE 80-260	WE 80-315	WE 100-260	WE 100-315
		WE 125-315		

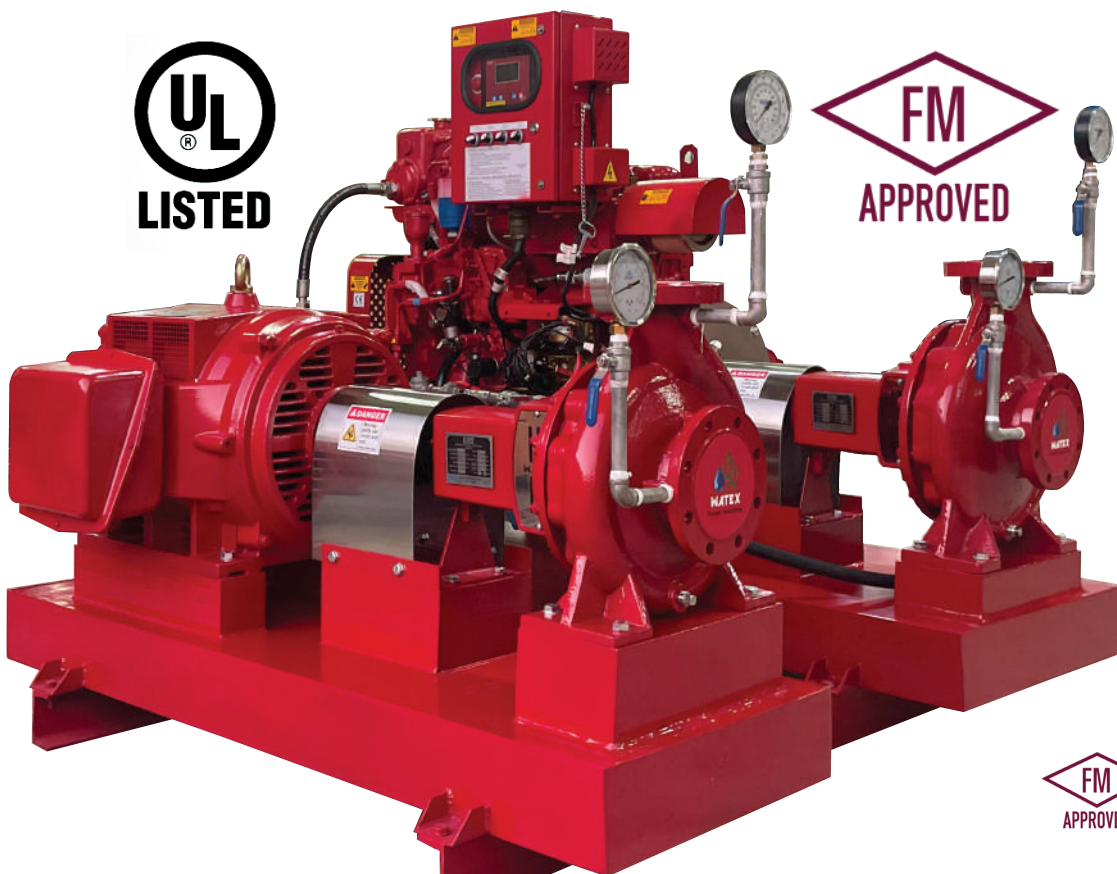
DESIGN & CONSTRUCTION FEATURES

- The pump complies with the standards & specifications of fire pumps in accordance of UL & FM
- This pump is UL listed under file No. EX27019
- A closed, balanced impeller at G 6.3 balance quality grade, as specified in ISO 1940-1
- Can be fitted with wear ring secured in a manner that will not permit rotational or axial movement
- The pump is fitted with a shaft sleeve
- Low shut-off pressure which requires, low pressure rated fittings & accessories to save the cost of whole unit
- A single model covers a wide performance range
- Available in electric motor and engine-driven configurations

Rated Flow	-Q (From 25 to 1000) GPM
Max. Working Pressure	-P up to 530PSI
Speed	-N (From 2620 to 3000) RPM
Temperature	-T up to 105C
Impeller	Stainless Steel / Bronze

INSTALLATIOAN & USAGE

These pumps are widely used in firefighting applications for supplying water towards pipes within the system and for industrial applications. The pump should be installed in an enclosed environment or sheltered from inclement weather. It is suitable for use with clean water and with liquids that are not chemically aggressive towards the materials from which the pump is made



SPLIT CASE FIRE PUMPS



Our WS (WATEX SPLIT CASE) Fire Pumps are serialized products designed as Horizontal Single Stage Flow Volute Casing Centrifugal Pumps with Axial Inlet. Designed according to NFPA20 for firefighting applications. These is a pump feature a split casing that can be opened for easy maintenance access and are connected to the driver by a horizontal shaft

MODELS

WS 80-270

WS 125-290

WS 100-360

WS 125-360

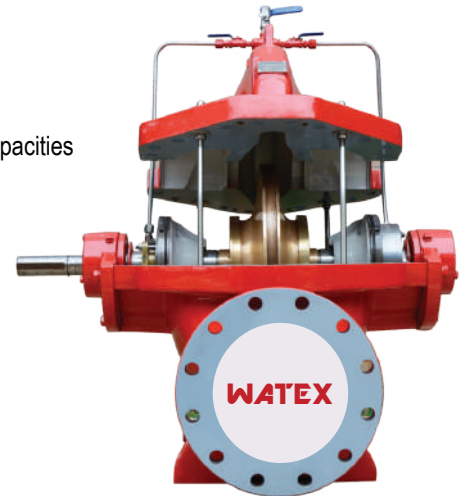
WS 150-460

WS 100-310

WS 150-460C

DESIGN & CONSTRUCTION FEATURES

- The pump complies with the standards & specifications of fire pumps in accordance of UL
- This pump is UL listed under file No. EX27018
- Closed balanced impeller at G 6.3 balance quality grade, specified in ISO 1940-1
- Maintenance can be done without removing pump room pipes or fittings by splitting the head of the pump
- Suitable for high flow applications as it reduces thrust loads and allows operation over a wide range of capacities
- The design of this pump provides mechanical reliability and efficient operation
- Internal corrosion resistant and abrasion resistant materials
- The design is thicker with great rigidity and stable operation



Rated Flow	-Q (From 300 to 2000) GPM
Max. Working Pressure	-P up to 420PSI
Speed	-N (From 2600 to 3000) RPM
Temperature	-T up to 105C
Impeller	Stainless Steel / Bronze

INSTALLATIOAN & USAGE

Split case pump is named after the split design of the casting, where the cover can be lifted from the pump to expose the internal components for easy access. The horizontal split-case fire pump is designed for firefighting applications and is used to to provide high-pressure water flow

IMPELLER & SHAFT BALANCING TEST

All of our pumps impellers are installed in a calibrated dynamic balancing test apparatus. The impeller undergoes evaluation in two correction planes as described in the standard for mechanical vibration - balance quality requirements of rigid rotors



LOCAL ASSEMBLY FIRE PUMPS

Our Local Assembly Fire Pumps offer a complete solution any project demand, boasting high efficiency and quality Assembled calibrated and tested meticulously, they are designed to meet our clients' needs, tailored to any working capacity flow and pressure requirements. Furthermore, a thorough test is conducted to ensure that the pump set operates fully at the required capacity. We also provide free testing and commissioning services



Local Assembled NON-UL Fire Pump & Control Panels Approved From UAE Civil Defence

FEATURES

- High quality pressure indicator
- Equipped with local assembly control panel made of high quality electrical component
- ABB, Schneider, LS & Andeli with different available IP Ratings
- Supplied either with or without suction & discharge lines
- High quality diesel engine: Diesel engines flow range 50 – 2500 GPM
- Equipped with suitable electrical motor: Diesel engines pressure range 5 – 30 Bar
- Equipped with heavy-duty coupling
- Equipped with a stainless steel jockey pump
- All the pump parts are equipped with control fittings (Gate Valve, NRV) with UL/FM
- Equipped with pressure switches
- Equipped with flexible wires
- Fully tested and calibrated



WATEX PUMPS INDUSTRIES is privileged to be associated with the ever-increasing infrastructural demands of UAE & Global Market

A ready fire pump packaged skid undergoes field testing at the factory to meet industry-specific demands and performance guarantees.

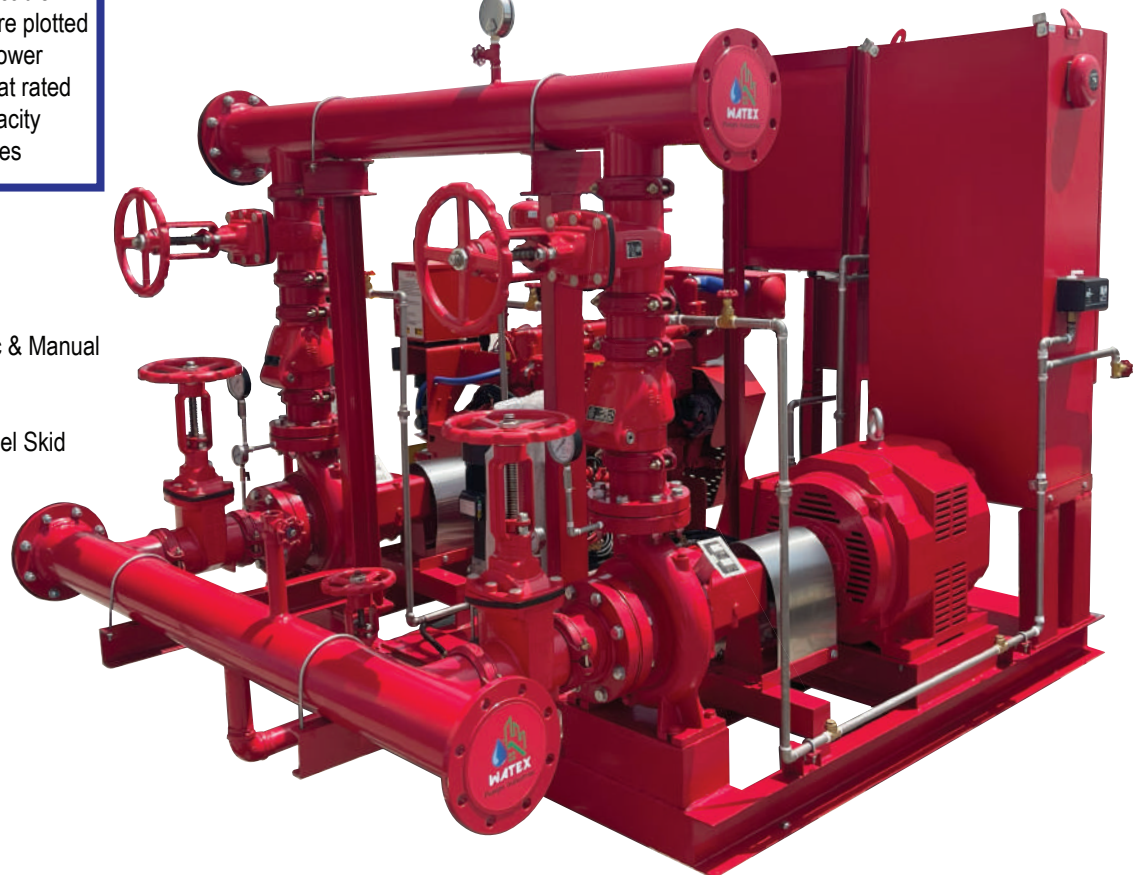
The complete unit comes assembled, tested and calibrated to meet your project requirements

OPERATION TEST

Our pump is to be subjected to an operation test at rated speed, adhering to applicable requirements. Performance curves are plotted showing the efficiency, brake horsepower and total head developed at shutoff, at rated capacity, at 150 percent of rated capacity and at selected intermediate capacities

PUMP SET

- One Electric Motor Driven Pump
- One Diesel Engine Driven Pump
- Individual Control panels for Automatic & Manual Operation
- Jockey Pump
- Pressure gauge & pressure switch Steel Skid
- Valves & accessories



DIESEL TANK



To provide you with a complete set of fire-rated and firefighting materials, WATEX designs & manufactures a variety of sizes of UL-certified diesel tanks. These tanks are crucial units to be certified and manufactured with high quality due to their significance in the system, The size of the tank is determined by the flow and duration requirements of the systems it supplies. Each tank is subjected through thorough structural inspections and leakage tests as specified by the design standard

CAPACITIES

40 GALLON

70 GALLON

120 GALLON

180 GALLON

280 GALLON

360 GALLON

440 GALLON

550 GALLON

DESIGN & CONSTRUCTION FEATURES

- Designed in compliance with UL standards, file No. EX27224
- Hydrostatically tested
- Welded, assembled and inspected against any leakage
- Designed with stainless steel or carbon steel body
- Special process of welding and paint.
- Heavy duty construction built with rigid lifting lugs and degs
- Equipped with diesel level gauge, air release valve and drain valve

Poor fuel quality is a serious concern for diesel fire pumps, resulting in clogged filters and other damage that can eventually cause the entire system to fail. Fuel maintenance and testing that begins on the day of installation and the first fill is critical for the operation, efficiency, and longevity of a fire pump.

MANUFACTURING STANDARD

These tanks are intended for fixed or stationary installation and use in accordance with UL Standards

The basic features of tanks include all containment spaces and their respective openings (manways, emergency vents, normal vents, fill/withdraw gauging, monitoring and other functional openings) with connections (threaded- or flanged-type fittings), and the tank accessories identified above. All of our tank compartments are provided with normal and emergency vent openings. It is anticipated the continued venting will be provided when installed in accordance with the applicable code.

In addition to vent openings, all of our tank compartments are provided with openings to accommodate filling, withdrawing, and inventory control; and all secondary-tank interstitial spaces are provided with openings for leak-detection monitor.

Diesel Level Gauge



Technical Data
Sizes : 1.5" / 2"
Internal Rod : Galvanized Steel
Float : HDPE Plastic
Certificate : UL

Air Release Valve

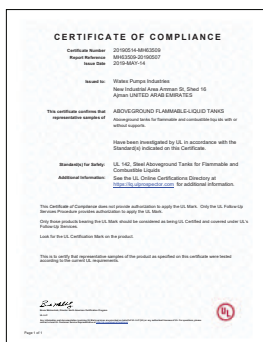


Technical Data
Sizes : 0.5" ~ 1.5"
Working Pressure : 362psi
Female Thread
Certificate : UL

End Cap



Technical Data
Sizes : 2"
Materials : Stainless Steel
Equipped with rubber seal



FIREFIGHTING VALVES



WATEX can Supply to your site the best types of valve with high quality finish, pressure rating & UL/FM approvals. these valves can efficiently help you control your sites with absolute confidence and minimal maintenance. Different sizes with grooved and flanged ends can be easily installed to serve you for a long time.

OS&Y Gate Valve



Technical Data
 Sizes : DN50 - DN300
 Working Pressure : PN25, 362PSI
 Valve Standard : AWWA C515
 Grooved Standard : AWWA C606
 Temperature Range : 0-80C
 Available Grooved & Flanged

Alarm Check Valve



Technical Data
 Sizes : 4" & 6"
 Working Pressure : 175psi
 Valve Standard : Class 150 ANSI B16.1
 Grooved Standard : C606 ANSI/AWWA
 Required Standard: Standard Trim
 Installation Manner : Vertically

Zone Control Valve



Technical Data
 Sizes : 2.5" ~ 6"
 Working Pressure : 362psi
 Accessories : Butterfly Valve,
 Flow Detector, Test&Drain Valve
 & Pressure Gauge

Pressure Reduce/Relief Valve



Technical Data
 Fast Opening to Maintain Steady
 Line Pressure
 Accommodates Wide Range of
 Flow Rates Closes Gradually for
 Surge-Free Operation
 Adjustable Pressure Settings, Not
 Affected by Pressure at Valve Discharge

Butterfly Valve



Technical Data
 Sizes : 60.3~219.1mm
 Working Pressure : 362psi
 Valve Standard : MSS SP-67
 Grooved Standard : AWWA C606
 Top Flange Standard: EN 150 5211
 Temperature Range : 0-80C

Check Valve



Technical Data
 Sizes : 2" ~ 8"
 Working Pressure : 362psi
 Grooved Standard : AWWA C606
 Temperature Range : 0-80C

Air Release Valve



Technical Data
 Sizes : 0.5" - 1.5"
 Working Pressure : 362psi
 Female Thread
 Temperature Range : 0-80C

Breeching Inlet



Technical Data
 Sizes : 4" 2way & 6" 4way
 Working Pressure : 360psi
 Flanged
 Gun Metal / Cast Iron

Landing Valve



Technical Data
 Sizes : 2.5"
 Working Pressure : 360psi
 Male Thread

Casing Relief Valve



Technical Data
 Sizes : 1"
 Working Pressure : 360psi
 Female Thread

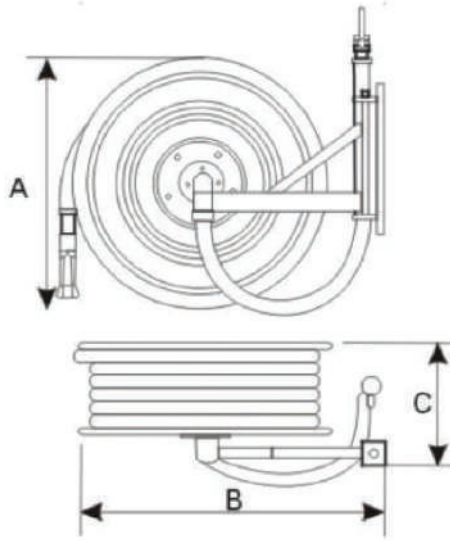
FIREFIGHTING VALVES

WATEX have a variety of products to meet customer demands for different valves. Our core strength lies in providing a one-stop service for all your needs. Our aim is to make a meaningful contribution to society by enhancing comfort and safety through our range of products, technical expertise, and services.



HOSE REEL & CABINETS

WATEX fire hose reels provide a highly effective firefighting facility with an immediate and continuous supply of water. The construction and performance of the fire hose reel, featuring a semi-rigid hose, ensure suitability for installation in buildings and other construction works for use by occupants. The fire hose reels are manufactured in both manual and automatic types to comply to BS EN671- 1:2012 standard.



Model No	Type	Hose Diameter & Length	Reel In Height (A in mm)	Reel Width (B in mm)	Reel Depth (C in mm)	Min Cabinet Size (W x H x D) in mm
WMH-25MM	Manual & swinging	1" x 30 M	600	570-580	210	760x720x230
WAH-25MM	Automatic & swinging	1" x 30 M	555	570-580	230	700x700x260

FEATURES

- Fire Hose Reel is efficient and reliable for use in all types of buildings & sites
- Hose Reel Drums are manufactured using 1.2 mm CRCA sheets
- Painted with red electrostatic powder coating, with Stainless Steel Drums
- Plastic nozzle has jet/spray/shut-off operations
- Hose Reel working pressure is 15 bar and bursting pressure is 50 bar
- Hose Reels drum has ribs to give extra strength and avoid twisting
- In the automatic model, the valve opens automatically within three revolutions of the reel
- Manufactured as per BS EN 671-1

CABINETS

WATEX Pumps Industries proudly supplies high-quality fire cabinets in various sizes and specifications according to the client's requirements

- Double Door Cabinets (Full SS / MS / Architrave) - (Recessed / Wall Mounted)
- Single Door Cabinets (Full SS / MS / Architrave) - (Recessed / Wall Mounted)
- Breeching Inlet Cabinets (Full SS / MS) - (Recessed / Wall Mounted)
- Hydrant Cabinets
- Sprinkler Cabinets
- Extinguisher Cabinets (Full SS / MS)

FEATURES

- It can be designed as per customer requirements
- The depth of the cabinet can be controlled to be 26cm
- Hose Reels, fire Hose, breeching inlets, hydrants & extinguishers can all be fitted in the cabinet according to the design
- MS/SS sheets can be used in cabinet fabrication
- Anti Corrosion Powder coating to extend the cabinet life
- Sheet thickness 1.2-2.5mm
- Cabinet can be manufactured with glass
- A partition will divide the double cabinet in half to prevent water leakage from damaging the other equipment in the cabinet



ADDRESSABLE FIRE ALARM SYSTEM

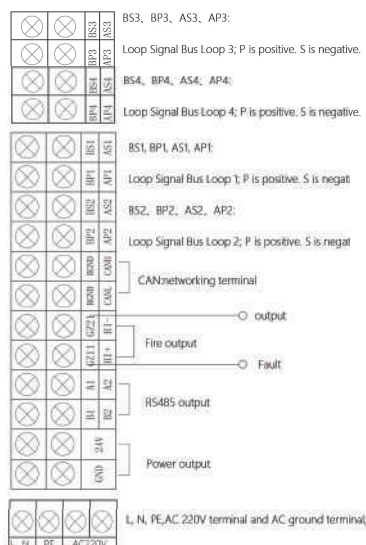


We can proudly supply to your site the best types of LPCB approved fire alarm systems with the latest technologies from leading companies and fire alarm system manufacturers with more than 30 years of experience in the fire protection field with a full range of globally and locally approved products. Our addressable fire alarm system is developed with the latest protocols and advanced processors to achieve a high and fast response to fire indications. With 255 devices per loop, a 4-loop panel, and 64 networking panels simultaneously, this panel can serve your project at a high level

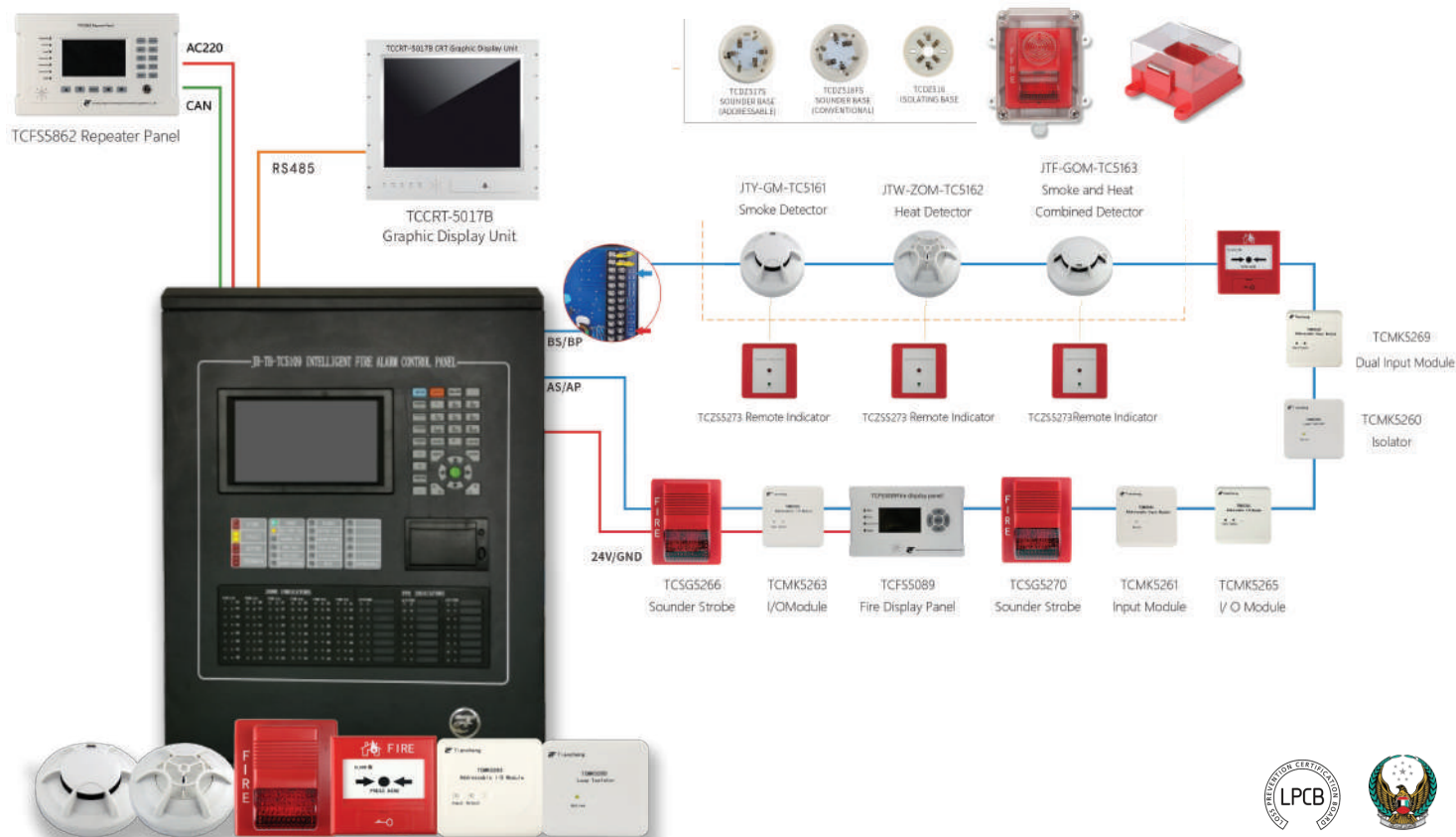
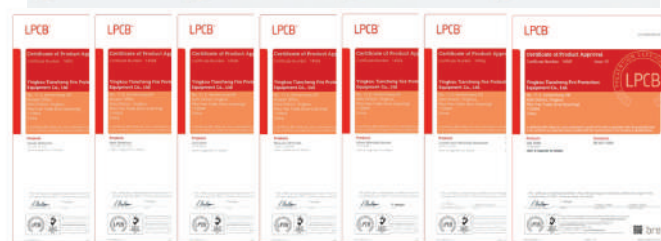
FEATURE

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- Intelligent bus control mode; max 255 addressable points per loop, max 4 loops, max 48 zones
- Loop card type design: 1-4 loop cards can be selected
- Glass fuse per loop
- Black box function
- Self-design loop protocol
- Wall-mounted structure, compact and exquisite
- Akzo outer coating; anti-corrosion
- Language: simplified Chinese, English, Turkish and Russian (cus to)
- Self-design loop protocol



Voltage	AC230V(50HZ), VOLTAGE RANGE: +10%-15%
Current	1A
Output	Fire Output, Fault Output, 24V Power Output, Loop Output
Capacity	Total addressable Points : 1020
LCD Screen Size	inch Color LCD Screen-7
Standby Battery	12V - 12AH Sealed Lead Acid Battery*2
Dimension L*W*H	420mm*140mm*560mm
Operating Environment	Temp:-5C - +5C; Relative Humidity: less than 95% non-condensing
Communication Interface	RS485, CAN, USB





Pumps Industries

HEAD OFFICE / VISITING ADDRESS

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Delivering water's
strength against
fire since 2009,
**WATEX PUMPS
INDUSTRIES**
prioritizes
Planning,
Designing,
Implementing.
Focusing on high
manufacturing
Standards
To

Ensure
safety in any
environment

Fight Against Fire

VERTICAL TURBINE FIRE PUMP

SPLIT CASE FIRE PUMP

END SUCTION FIRE PUMP

LOCAL ASSEMBLY FIRE PUMP

FIREFIGHTING EQUIPMENTS

FIRE ALARM SYSTEM

Fight Against Fire



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