



## Rapidrop Global Ltd Product Range

UK Manufacturer & Innovator of Fire Detection & Suppression Equipment















### About Rapidrop



### About

Rapidrop Global Limited is the leading UK manufacturer of fire sprinkler system products serving the needs of the fire detection and suppression industry. With a comprehensive product range Rapidrop has established a world-class reputation for quality and innovation delivering solutions in fire protection, safety systems and control solutions. The Rapidrop range includes products which have internationally recognised approvals and listings from FM/UL/VDS and LPCB.

Rapidrop's global reach provides a wealth of knowledge and experience in a range of international environments enabling us to provide tailored solutions and meet project requirements on time and on budget.

Rapidrop sprinkler equipment has been installed all around the world from London to New York to Paris, from South Africa to Dubai to Rio de Janeiro. Rapidrop have worldwide sales supported by a worldwide sales and distribution network.

As part of Rapidrop's commitment to fire safety and protecting lives, Rapidrop invests in research and development conducted at its own state of the art test facilities, one of its kind in the UK. Dedicated to innovation, and reinforcing its position in the market place Rapidrop is focused on bringing new products to the market that makes our customers lives easier, safer and better.















### Global Reach









### Global Reach

Rapidrop have supplied sprinklers and fire suppression systems to thousands of projects in hundreds of cities worldwide. We are able to provide fire suppression systems regardless of the size of the project, whether it is a domestic fire protection system or a project as large and iconic as London's Shard.

Rapidrop have manufactured sprinkler products for international airports including Heathrow Terminals 2 and 5, London City, Denmark, Sweden and Spain as well as airport hangers and various RAF bases. Rapidrop sprinklers have been installed throughout the world in Hilton, Intercontinental. Sheraton and Novotel Hotels.

Hospitals and medical centres worldwide have been fitted with Rapidrop sprinkler systems as well as primary schools, high schools, academies, technical colleges and universities. Offices include the iconic St Mary's Axe, (the Gherkin), Canary Warf and the Shard as well as the Bank of Tokyo, Barclays, HSBC and Dubai Bank amongst hundreds of other offices.

Retail outlets range from Burberry to Ikea to Rolls Royce showrooms as well as shopping centres and malls in the UK, Turkey, Bulgaria and Greece to name a few. Rapidrop projects also extend to manufacturing facilities & warehouses worldwide.

Entertainment and sporting venues include Wimbledon All England Tennis Club, Wembley Stadium and Arsenals Emirates Stadium, Centre Parcs, the Eden Project, Xscape snow dome, Legoland Denmark, the Reykjavik Opera House and Ferrari World in Abu Dhabi.

Big or small, near or far, Rapidrop provides solutions to the fire detection and suppression industry regardless of size or location.









### COMMERCIAL SPRINKLER HEADS

CE, LPCB, UL, FM & VdS approved Standard Spray Upright, Standard Spray Pendent, Horizontal Sidewall, Conventional, Flush pendent and Concealed

Brass, Chrome and paint finish Special RAL colours available on request Standard Response and Quick Response













### RESIDENTIAL SPRINKLER HEADS

UL Listed
Concealed type
Flush pendent type
Side wall
White and chrome plated finish
Special RAL colours available on request
Standard Response and Quick Response





### SPRINKLERS ACCESSORIES

Sprinkler spares cabinets
Single escutcheons
Two piece escutcheons
Sprinkler guards
Combined sprinkler guard and baffle plate
Baffle plates





### FLEXIBLE SPRINKLER CONNECTION

Unbraided model – LPCB approved & UL listed Braided model – FM VDS approved Available in lengths from 780mm upto 3220mm Extensive range of brackets available to suit all ceiling types and sprinkler heads Extensive range of inlets and outlets to suit all applications











### WET ALARM VALVES

CE, LPCB, UL, FM Available in sizes 80mm upto 200 mm Flanged or grooved connections Pre trimmed to FM or LPCB specification Alarm gongs Optional retard chamber











### **BUTTERFLY VALVES**

CE, UL, FM, APSAD Grooved and Wafer type Working pressure 20 Bar Gearbox operated with factory installed tamper switches











### GATE VALVES

Handwheel operated non-rising stem BS5163 OS&Y type flanged and grooved connection 300 psi/20 bar rated, UL,FM

Post indicator type, non-rising stem 300 psi/ 20 bar rated, UL,FM

Small bore threaded gate valves







### **INDICATOR POSTS**

Horizontal wall post indicator, UL, FM Vertical post indicator (adjustable) UL,FM







### CHECK VALVES

Grooved swing check valve, 350 psi/24 bar rated, UL, FM Flanged swing check valve, 350 psi/24 bar rated, UL, FM Size range 50mm upto 300mm Double door swing check valves Small bore threaded check valves









### FLOW METERS

LPCB - Grooved and Wafer design Sizes 50mm upto 200mm

FM - Grooved, butt weld, and Wafer design Sizes 80mm to 300mm







### **ELECTRICAL SWITCHES**

Flow switches CE, LPCB, UL, FM, VdS Pressure Switch FM approved Pressure Switch LPCB approved OSY Gate Valve limit Switch BS5163 gate valve limit switch













### FLOW TEST PRODUCTS

Test and drain valves with sight glass, UL, FM Single handle operation Threaded or grooved options available

Zone assembly arrangement Size range 65mm upto 150mm includes pre wired isolation valve and flow switch 50mm drain and test connection









### GROOVED COUPLINGS AND FITTINGS

UL, FM, LPCB, VdS Red Paint and galvanised finish Rigid and Flexible couplings Fittings include elbows, tees, mechanical tees, sprinkler tees, reducers, end caps, flange adaptors











### DRY RISER SYSTEMS

Breeching Inlet valves, 2 and 4 way to BS5041 Landing Valve, flanged and threaded to BS5041 Air Release Valves Stainless steel & red finish inlet & outlet cabinets (bespoke cabinets on request) Galvanized pitcher tees, elbows, tees, couplings Support bracketry



### PRESSURE RELIEF / REDUCING VALVE

Reducing valve - Globe or angle design available, UL Size range 40mm upto 200mm Threaded, grooved or flanged In line service

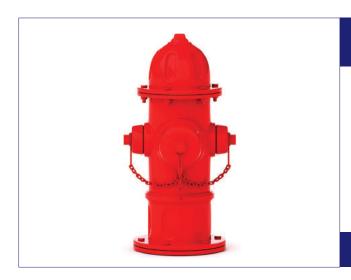
Ductile iron – special materials available

Relief valve – Globe or angle design, UL, FM Size range 50mm upto 250mm Flanged or grooved connections









### FIRE HYDRANTS

Dry barrel hydrant with duck foot bend Model RD-FM1510 - Size 51/4" - FM Approved Wet pillar hydrant available





### Y STRAINERS

Flanged and grooved connections, UL listed Size range 65mm upto 300mm Maximum working pressure 12 Bar





### RESIDENTIAL SPRINKLER SYSTEMS

Residential manifold Flow switches CE, LPCB, UL, FM, VdS WRAS approved double check valve





### CPVC

CPVC fire sprinkler pipe and fittings for wet pipe systems

Pipe sizes 20mm through to 80mm









### **GEBERIT**

Zinc plated carbon steel plus stainless steel press fit pipe and fittings

Pipe sizes 15mm through to 108mm









### MAINS WATER PUMPS

SD80 - 100 I/min @ 2.4bar

SD120 - 200 I/min @ 2 bar

SD150 - OH1 15mt

SD200 - OH3 15mt to OH3 45mt

Sprinkler pump for tank system SD80T - 100 I/min @ 2 / 3 / 3 plus bar

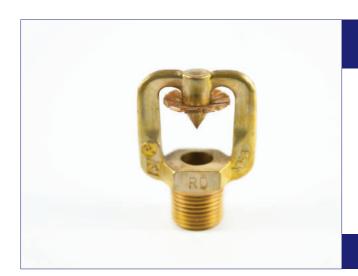




### **DELUGE VALVES**

UL listed Sizes 80mm to 200mm Flanged connection, Globe or Angle Design Wet Pilot, Dry Pilot or Electric Actuation





### WATER SPRAY NOZZLES

UL/FM Approved
Medium Velocity, High Velocity,
Brass finish, stainless steel & aluminium bronze
available
Wide range of spray angle & K factors
Water curtain nozzles

Tank cooling nozzles







### FOAM EQUIPMENT

Foam Bladder Tank
Foam Chamber
Foam proportioner/ratio controller
Foam pourers
Inline Foam inductor
Ratio controller
Foam concentrates





### Rapidrop Global



### Rapidrop: A Global company, UK manufactured

UK based manufacturer of fire sprinkler system products with international sales and distribution serving the needs of the fire detection and suppression industry worldwide.

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