



Rapidrop Global Ltd

British Manufacturer and Supplier of Fire Sprinkler
and Fire Suppression Equipment

Product Range





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.





Etihad Towers
Abu Dhabi, UAE



Paradise Mall
Sofia, Bulgaria



Wembley Stadium
London, UK

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 Arsenal's 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.



Harpa Concert Hall
Reykjavik, Iceland



Ferrari World
Abu Dhabi, UAE



Lego House
Denmark



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
 New Braided model – LPCB, FM 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

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





GATE VALVES

Handwheel operated non-rising stem FM, UL, VdS, 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



POST INDICATORS

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, FM, VdS Approved - Grooved 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 5 1/4" - FM Approved
Wet pillar hydrant available



Y STRAINERS

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



DELUGE VALVES

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





RESIDENTIAL SPRINKLER SYSTEMS

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



CPVC

CPVC fire sprinkler pipe and fittings for wet pipe systems
 Pipe sizes 20mm through to 80mm



TEST AND DRAIN VALVE

Test and drain valves with sight glass, UL, FM
 Single Handle Operation
 Available in sizes - 1", 1 1/4", 1 1/2", 2"
 300 psi





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



LUMI-PLUGIN

The Ground-breaking system that combines LED
 lighting with a combination of fire safety plugins

Standard Downlight
 Downlight with Concealed Sprinkler, LPCB
 Downlight with Emergency Lighting
 Downlight with Battery Smoke/Heat Alarm

Save Lives. Streamline Interiors.





Rapidrop Global Ltd



Rapidrop: A Global company, British manufactured

British 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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