



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.





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



Onassis Cultural Centre
Athens, Greece



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 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



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 l/min @ 2.4bar
SD120 - 200 l/min @ 2 bar
SD150 - OH1 15mt
SD200 - OH3 15mt to OH3 45mt

Sprinkler pump for tank system
SD80T - 100 l/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: 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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