

SYSTEM COMPONENTS

To complement Reliable's range of automatic fire sprinkler products they offer a comprehensive range of system components, including the RASCO control valves, CPVC pipe and fittings along with RASCOFLEX flexible hose and much more.

SYSTEM CONTROL VALVES

UL LISTED AND FM APPROVED

To control the water flow to the sprinkler system, Reliable has developed an impressive range of system control valves. Their range includes non-rising stem & outside screw and yoke gate valves, check valves and butterfly valves. Together with a range of electrical equipment & strainers.



Flanged Check

Pressure: 21 BAR/ 300 PSI
ANSI & PN16 Sizes: 50mm (2") to 300mm (12")
UL & FM approved



British Standard Gate

Pressure: 21 BAR/ 300 PSI
Sizes: 50mm (2") to 400mm (16")
Includes tamper switch on sizes 80mm (3") to 300mm (12")



Butterfly

Pressure: 21 BAR/ 300 PSI
British Standard Grooved: 50mm (2") to 300mm (12")
British Standard Wafer: 50mm (2") to 300mm (12")
FM & UL: Grooved: 73mm (2.5") to 200mm (8")
FM & UL Wafer: 65mm (2.5") to 200mm (8")



OS&Y Gate

Pressure: 21 BAR/ 300 PSI
Sizes Grooved: 73mm (2.5") to 300mm (12")
Sizes Grooved x Flanged: 65mm (2.5") to 300mm (12")
Sizes Flanged: 65mm (2.5") to 300mm (12")
Available in ANSI 150 & PN16



NRS Gate

Pressure: 21 BAR/ 300 PSI
Sizes: 65mm (2.5") to 300mm (12")
UL & FM approved
Available in ANSI 150 & PN16

RASCOFLEX

UL, FM, VdS & LPCB APPROVED

RASCOFLEX from Reliable is the flexible sprinkler hose for systems which sets new standards for simplicity. The innovative design of RASCOFLEX easily positions the sprinkler in the centre of the ceiling tile at the correct height to significantly reduce installation times. This incredibly efficient system is available in 5 different lengths, two different reducers, two inlets and two outlet nipples.



CPVC PIPE AND FITTINGS

UL, FM & LPCB APPROVED

CPVC pipe offered in 3m / 10' lengths. CPVC sockets, tees, elbows, adapters, valves and cement. Range of clamps and hangers for securing pipework. Interactive software programme available to account customers for easy quotation and order placement on CPVC items.



TRIM VALVES

-Includes: swing check, ball valves (locking leaver and standard), gate valve thread, spring check valve and Test & Drain valves in different sizes and k-factors.
-Available in different sizes and pressure ratings.



ELECTRICAL EQUIPMENT

UL, FM, LPCB & VdS APPROVED

Reliable are international partners of System Sensor sprinkler monitoring devices. During a fire condition, sprinkler system reliability is critical, whether it's the operation of a sprinkler head or the monitoring of the sprinkler system itself. Reliable offer supervisory switches, series water flow detectors, EPS pressure switches and explosion proof devices.



Innovative,
quality-oriented
fire sprinklers
and devices
since 1920

ArcoFire

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Reliable®

TECHNOLOGY • QUALITY • SERVICE

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PRODUCT OVERVIEW

Protecting life and property since 1920 with innovative approved & listed automatic sprinklers and devices.

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Automatic Sprinklers

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Reliable manufacture and distribute a wide range of automatic sprinklers. Their range of sprinklers includes residential, storage, decorative, open sprinklers, nozzles, commercial stand-ard and quick response. To complement their range of sprinklers, Reliable distribute a comprehensive range of sprinkler components including guards, shields and wrenches.

+371 25423463

RESIDENTIAL

RFC SERIES Concealed Pendant

K-factor: 3.0 (43.2), 4.3 (62.4), 4.9 (70.6) & 5.6 (80)
Temp °C: 74
Thread Size: 1/2" (15mm)
Orientation: pendant, concealed

RFC series are available with a cover plate and in different colours/styles.



F1RES58 Recessed Pendant, Concealed

K-factor: 5.8 (83.5)
Temp °C: 68 & 79
Thread Size: 1/2" (15mm)
Orientation: pendant, recessed, conical concealed

F1RES58 is also available in a horizontal sidewall.



F1RES44 Recessed Horizontal Sidewall

K-factor: 4.4 (63)
Temp °C: 68 & 79
Thread Size: 1/2" (15mm)
Orientation: horizontal sidewall, recessed

F1RES44 is also available in a concealed horizontal sidewall SWC.



F3RES44 Recessed Dry Horizontal Sidewall

K-factor: 4.4 (63)
Temp °C: 68 & 79
Thread Size: 1" (25mm) or 3/4" (20mm)
Length: 4 1/4" (108mm) to 24" (610mm)
Orientation: horizontal, recessed

F3RES44 gives you the choice between three escutcheons.



F1RES30 Pendant, Recessed, Concealed

K-factor: 3.0 (43.2)
Temp °C: 68 & 79
Thread Size: 1/2" (15mm)
Orientation: pendant, recessed, conical concealed

F1RES30 utilises a 3mm quick response bulb.



RFS42 Horizontal Sidewall, Concealed

K-factor: 4.2 (60)
Temp °C: 74
Thread Size: 1/2" (15mm)
Orientation: horizontal, concealed

RFS42 horizontal sidewall is available solid or perforated in various colours and styles.



F1RES49 Pendant, Recessed

K-factor: 4.9 (70.6)
Temp °C: 68 & 79
Thread Size: 1/2" (15mm)
Orientation: pendant, recessed, conical concealed

F1RES49 can be pendant recessed or conical concealed.



COMMERCIAL

F1FR SERIES F1FR56, F1FR56LL, F1FR42, F1FR42LL, F1FRXLH & F1FR28

K-factor: 2.8 (40), 4.2 (60) & 5.6 (80)
Temp °C: 57, 68, 79, 93 & 141
Thread Size: 1/2" (15mm)
Orientation: pendant, conical concealed, pendant recessed, conventional, recessed HSW sidewall, sidewall & upright

F1FR sprinklers utilise a quick response 3mm bulb.



F1 SERIES F156, F142, F1XLH & F128

K-factor: 2.8 (40), 4.2 (60) & 5.6 (80)
Temp °C: 57, 68, 79, 93, 141, 182 & 260
Thread Size: 1/2" (15mm)
Orientation: pendant, pendant recessed, conventional, sidewall, recessed HSW sidewall & upright

F1 sprinklers utilise a standard response 5mm bulb.



F1FRFS Flat Spray Pendant

K-factor: 4.2 (57), 5.6 (80) & 8.0 (115)
Temp °C: 57, 68, 79, 93, 141
Thread Size: 1/2" (15mm) & 3/8" (20mm)
Orientation: pendant, pendant with shield

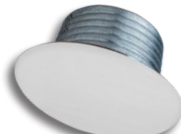
Great for lower clearance and in-rack applications.



G5 SERIES G5-80/56/42/28

K-factor: 2.8 (40), 4.2 (60), 5.6 (80) & 8.0 (115)
Temp °C: 74 & 100
Thread Size: 1/2" (15mm) & 3/4" (20mm)
Orientation: Pendant, flat concealed

G5 series are also available as sealing concealed for dust-free environments.



G6-56 & G6-80 Horizontal Sidewall

K-factor: 5.6 (80) & 8.0 (115)
Temp °C: 74
Thread Size: 1/2" (15mm) & 3/4" (20mm)
Orientation: Horizontal Sidewall, Concealed

G6-56 & G6-80 are quick response, concealed horizontal sidewall sprinklers.



XL Commercial & Institutional

K-factor: 5.6 (80)
Temp °C: 74
Thread Size: 1/2" (15mm)
Orientation: Pendant, horizontal sidewall & EC horizontal sidewall.

XL decorative or institutional sprinkler utilises a quick response fusible link.



JL112 & J112 Pendant & Upright

K-factor: 11.2 (160)
Temp °C Link: 74 & 100
Temp °C Bulb: 68 & 93
Thread Size: 1/2" (15mm)
Orientation: pendant, pendant recessed, upright

JL112 & J112 are extended coverage sprinklers for both light and ordinary hazards.



STORAGE

JL14 & JL17 ESFR Suppression Mode Pendant

K-factor: 14.0 (200) & 17.0 (240)
Temp °C: 74 & 100
Thread Size: 3/4" (20mm)
Orientation: ESFR pendant

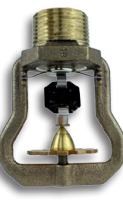
Early suppression fast response solder link sprinkler for high piled storage.



HL22 ESFR Suppression Mode Pendant

K-factor: 22.0 (320)
Temp °C: 74 & 100
Thread Size: 1" (25mm)
Orientation: ESFR pendant

Early suppression fast response solder link sprinkler for high piled storage.



N25 ESFR Suppression Mode Pendant

K-factor: 25.0 (360)
Temp °C: 74 & 100
Thread Size: 1" (25mm)
Orientation: ESFR pendant

Design to be shorter to allow piping to be installed further from the ceiling.



N252 Extended Coverage CMDA & CMSA

K-factor: 25.0 (360)
Temp °C: 74 & 100
Thread Size: 1" (25mm)
Orientation: pendant

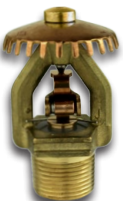
High-piled & Rack storage for extra hazard occupancies. CMDA is available recessed.



J168 Upright CMDA

K-factor: 16.8 (240)
Temp °C: 74, 100 & 141
Thread Size: 3/4" (20mm)
Orientation: Upright

High-piled rack storage, extra hazard occupancies.



GL112 Pendant & Upright CMDA

K-factor: 11.2 (160)
Temp °C: 74 & 100
Thread Size: 3/4" (20mm)
Orientation: pendant, upright

Pendant and upright quick response fusible link. Used in high piled and rack occupancies.



GXLO Pendant & Upright CMDA

K-factor: 11.2 (160)
Temp °C: 74, 100 & 141
Thread Size: 1/2" (15mm) & 3/4" (20mm)
Orientation: pendant, upright

Standard response storage sprinkler with a large orifice for use in high challenge storage occupancies.



SYSTEM VALVES

Reliable's valve range comprises of dry pipe valves, low-pressure dry pipe valves, deluge valves and wet alarm valves, all available with a choice of trim to suit each approval and regional requirements.

E/E3 WET ALARM VALVE UL, FM, LPCB & VdS APPROVED

The E/E3 valve is made expressly for all wet-pipe sprinkler systems. Available with either groove, groove x flange or flange end connections. Specific trims are available to suit individual approval and regional requirements: UL, FM, LPCB and VdS.



DDX DELUGE VALVE UL, FM, LPCB & VdS APPROVED

The DDX valve by Reliable is a versatile valve that can be suited to nine different systems: electric deluge, wet pilot deluge, dry pilot deluge, wet pilot single interlock preaction system, dry pilot single interlock preaction system, electric single interlock preaction system, type D double interlock preaction system, type F double interlock preaction system and low pressure dry pipe system. The DDX valve is also available in 316 Stainless Steel to resist corrosion.



DRY PIPE VALVE UL, FM, LPCB & VdS APPROVED

Dry pipe valves make sprinkler system installations possible in buildings where freezing temperatures prevail. Reliable's range of dry pipe systems includes the model A, D, EX and DDX.



PREACTION SYSTEMS UL, FM, LPCB & VdS APPROVED

A preaction system is a sprinkler system that utilises closed sprinklers connected to a water supply through a deluge valve trimmed for preaction operation.

Non-Interlock
Fully activated by either a signal from a detection system or from loss of pneumatic pressure.

Single-Interlock
Wet, Dry or Electric actuation single interlock types.

Double-Interlock
Pneumatic/electric or electric/ electric actuation double interlock types.



Refer to the website for full product design and information

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