

Reliable®

TECHNOLOGY • QUALITY • SERVICE

RASCO RESIDENTIAL

Sprinkler Product Brochure 2017



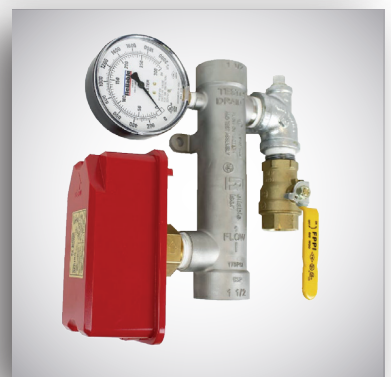
Protecting life and property since 1920
with innovative, quality-oriented
fire sprinklers and devices.

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ISO 9001 : 2008 certified



Contents

3.	Overview & Introduction	<hr/>
4.	Sprinklers	<hr/>
5.	Sprinklers	<hr/>
6.	Sprinklers	<hr/>
7.	Cover Plate Finishes	<hr/>
8.	CPVC Introduction	<hr/>
9.	Residential Riser & Flow Switch	<hr/>
10.	CPVC Hangers	<hr/>
11.	CPVC Pipe, Couplings & Unions	<hr/>
12.	CPVC Reducing Bush & Elbows	<hr/>
13.	CPVC Elbows & Tee 90°c	<hr/>
14.	CPVC Tee Reducing & Cross 90°c	<hr/>
15.	Caps & Sprinkler Tee 90°c	<hr/>
16.	Sprinkler Elbows & Adaptors	<hr/>
17.	Female & Male Adaptors	<hr/>
18.	Adaptor, Test Plug, Cement, Sealant & Ball Valve	<hr/>
19.	Contact- Placing An Order	<hr/>

Reliable Residential Sprinklers

- All of Reliable’s residential fire sprinklers identify the K-Factor of the sprinkler in the model number of the sprinkler (i.e. F1RES 30: K-Factor = 3.0, Metric = 43)
- All of Reliable’s residential fire sprinklers have passed UL 1626 and/or UL 1626A fire tests and are listed for use in installations governed by the NFPA 13D, 13R & 13 standards.
- NFPA 13D (2007) section 8.1.3.1.2 and NFPA 13R (2007) section 6.8.1.3.1.3 state, ‘Where construction features or other special conditions exist that are outside the scope of the sprinkler listings, listed sprinklers shall be permitted to be installed beyond their listing limitations’.
- Flat ceilings are defined by the NFPA standards as having a slope not exceeding 2 inches of rise for 12 inches of run.
- As residential sprinkler systems continue to evolve, The Reliable Automatic Sprinkler Co. will be offering new fire sprinklers that meet or exceed the new National Sanitary Foundation (NSF) maximum lead content requirements for use in potable water (i.e, drinking water) systems.

NFPA 13D and 13R

There is a significant difference in the approach adopted by NFPA standards in that the NFPA 13D and 13R apply to a relatively limited type and size of premises when compared with BS 9251 which covers a wider range of property type and size: NFPA 13D covers the design, installation and maintenance of automatic sprinkler systems for protection against the fire hazards in one-and two-family dwellings and manufactured homes.

NFPA 13R covers the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height.

These standards are predicated on the design densities utilised in UL 1626, 2.04mm/min.

The BS9251 has three categories of building with differing requirements for design density and or duration of supply (see diagram below).

Category of System	Building Type	Design Density	No. of Heads	Duration of Supply
1	Single Family Dwellings.	2.04	1 or 2	10 mins
2	Blocks of flats greater than 18m in height. Small residential care premises with ten residents or fewer. Sheltered and extra care housing.	2.80	1 or 2	30 mins
3	Residential care premises with more than ten residents Dormitories, Hostels.	2.80	2 to 4	30 mins

Sprinklers



F1 Pendent Residential Sprinklers – Bulletins 135 & 176

Sprinkler	K-Factor	Temp	Colour	Part No.
F1 RES 30	43 (3.0)	68°C	White	CV15872199
F1 RES 49	70.6 (4.9)	68°C	White	CV15872899
F1 RES 58	83.5 (5.8)	68°C	White	CV15873199
F1 RES 76	108.5 (7.6)	68°C	White	CV15113298

Recessing Escutcheon – Bulletins: 204 & 210

Size	Colour	Part No.
15mm (½")	White	6800840000

Note: The Sprinkler shown above is also available in Chrome, Brass & Special Colours and 79°C



F1 Conical Concealed Pendent Residential Sprinklers – Bulletins 135 & 176

Sprinkler	K-Factor	Temp	Colour	Part No.
F1 RES 30 CCP	43 (3.0)	68°C	Brass	CM15172199
F1 RES 49 CCP	70.6 (4.9)	68°C	Brass	CM15172899
F1 RES 58 CCP	83.5 (5.8)	68°C	Brass	CM15173199
F1 RES 76 CCP	108.5 (7.6)	68°C	Brass	CM15173298

Required Cover Plate

One Size	White	MPN: 6187161318
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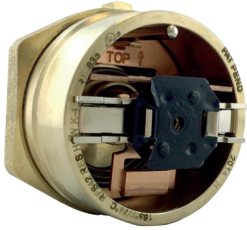
F1 Residential Side Wall Sprinklers – Bulletins 135 & 176

Sprinkler	K-Factor	Temp	Colour	Part No.
F1 RES 44	63.4 (4.4)	68°C	White	CV52872599
F1 RES 58	83.5 (5.8)	68°C	White	CV52873199

Recessing Escutcheon – Bulletins 204 & 210

Size	Colour	Part No.
15mm (½")	White	6800840000

Note: The Sprinkler shown above is also available in Chrome, Brass & Special Colours and 79°C



Residential Flat Concealed Horizontal Sidewall Sprinkler – RFS42 – Bulletin 048

Sprinkler	K-Factor	Temp	Colour	Part No.
RFS42	60 (4.2)	74°C	Brass	2216172499

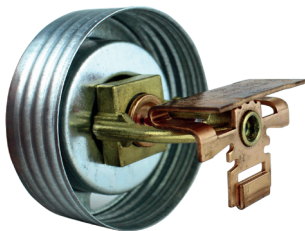


Required Cover Plate

One Size	White	Part No: 6887231372
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Features:

- Coverage up to 4.9m x 6.1m (16ft x 20ft)
- Flat cover plate (Solid or Perforated) for a flush, concealed wall finish.
- Sized to fit in a 89mm (3½) or larger stud space even when installed directly in a TorqueSafe™ 90° Sprinkler Head Elbow and several other common 15mm (½”), 20mm x 13mm (¾” x ½”) or 25mm x 15mm (1” x ½”) fittings.
- Push-on/pull-off flat cover plate.
- Sprinkler shipped complete with factory installed protective cap.



F1 Residential Side Wall Concealed Sprinklers – Bulletin 135 & 176

Sprinkler	K-Factor	Temp	Colour	Part No.
F1 RES 44 SWC	63.4 (4.4)	68°C	Brass	CM52172599

Required Cover Plate – Bulletin 135

One Size	White	Part No: 6887131318
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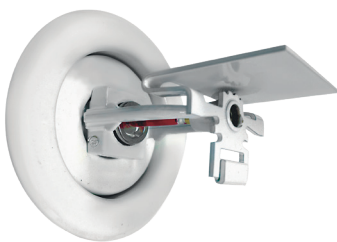


F1 Residential Side Wall Sprinklers (HSWX) – Bulletin 135 & 176

Sprinkler	K-Factor	Temp	Colour	Part No.
F1 RES 58 HSWX	Bulb 83.5 (5.8)	68°C	White	CV62873199
KRES 58 HSWX	Link 83.5 (5.8)	74°C	White	MV62873199

Features:

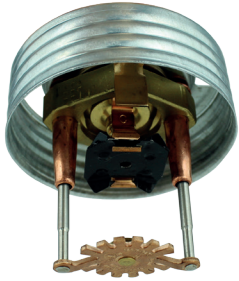
- Low flow residential horizontal sidewall sprinkler engineered to provide a minimum design density of 0.05 gpm/ft² over the listed coverage areas
- 3mm glass bulb
- Link Version
- Recessed model utilizes a steel two piece escutcheon with a ½” adjustment (F2)
- 14’ x 26’ maximum coverage area



Recessing Escutcheon

Size	Colour	Part No.
15mm (½”)	White	6800840000

Note: The Sprinkler shown above is also available in Chrome, Brass and Special Colours



F1 Flat Plate Concealed Pendent Residential Sprinklers- Bulletin 006

Sprinkler	K-Factor	Temp	Colour	Part No.
RFC 30	43 (3.0)	74°C	Brass	1816172197
RFC 43	62.4 (4.3)	74°C	Brass	1816172597
RFC 49	70.6 (4.9)	74°C	Brass	1816172697
RFC 56	80 (5.6)	74°C	Brass	1816172899



Required Cover Plate – Bulletin 048

One Size	White	Part No: 6887011319
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Note: The Cover Plate shown above is also available in Special Colours



Residential Dry Horizontal Sidewall Sprinkler – F3RES44 – Bulletin 052

Sprinkler	K-Factor	Temp	Colour	Part No.
F3RES44 Standard	63 (4.4)	68°C	White	Length Specific
F3RES44 Recessed	63 (4.4)	68°C	White	Length Specific

Features:

- Coverage up to 4.9m x 6.1m (16ft x 20ft)
- Available in Ordinary, 155°F (68°C), or Intermediate, 175°F (79°C), temperature classification.
- Flush, recessed, and extended installation options.
- Standard inlet with 1-inch NPT threads. Optional inlets with 3/4-inch NPT, ISO 7-R1 or ISO 7-R3/4 threads.
- Sprinkler available in lengths from 4-1/4" (108mm) to 24" (610mm) in 1/4-inch (6.35mm) increments

Note: The Sprinkler shown above is also available in Chrome, Brass and Special Colours

Note: The escutcheon shown in the image is a standard escutcheon

Cover Plate Finishes

Reliable Cover Plates are available in two standard finishes



Bright Chrome

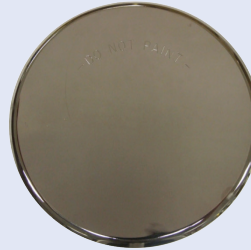


White Paint

Seven special application finishes



Bright Brass



Black Plating



Black Paint



Stainless Steel



Off White

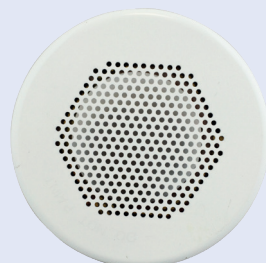


Satin Chrome

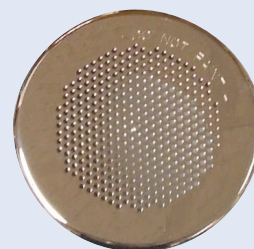


Bronze

Perforated Cover Plates



White



Chrome



**Custom colours can also be provided.
 Please allow additional time.**

All custom finishes must be done by Reliable. Due to variation in printing, we cannot guarantee the colours shown here with actual products. Please check with your local Reliable sales office.

CPVC

CPVC plastic pipes and fittings have been tested and approved under Loss Prevention Standard LPS 1260.

CPVC fire sprinkler piping is manufactured from a special thermoplastic: Post-Chlorinated Polyvinyl Chloride. The characteristics of the material and the pipe dimensions provide unique advantages in sprinkler installations: superior hydraulics; ease of joining; and easy assembly with readily available, inexpensive tools.

The product has a continuous service history of more than **30 years**.



Designed For Wet Systems:

CPVC fire sprinkler systems are designed for use in wet pipe systems only (a wet pipe system contains water and is connected to a water supply system so that water will discharge immediately when the sprinkler is opened). CPVC fire sprinkler systems must never be used in a system using compressed air or other gases. Note that it is not permitted to use CPVC fire sprinkler piping in areas within such occupancies where higher hazard conditions exist, such as in commercial kitchens, plant rooms or store rooms. CPVC is not suitable for applications listed as OH2, OH3, OH4, or High Hazard. It is also unsuitable for dry or pre-action systems.



CPVC fire sprinkler pipes and fittings are suitable for use in areas where the ambient temperatures are within the range 2°C to 50°C. They are not listed for outdoor use as long term exposure to UV light (sunlight) will fade the pipe surface and may result in a reduced service life (the design life of the system is 50 years). CPVC is widely resistant to corrosion and is also resistant to a large range of chemicals that are corrosive to metal piping however, care must be taken to avoid contact with chemicals that are harmful to CPVC including some that are found in some common construction products. Particular care should be taken to avoid contamination with edible oils, esters, ketones or petroleum based products such as cutting or packing boils that may be present in metallic system components, as well as traditional pipe thread pastes or dopes.



Storing CPVC and Cement:

Do not store or install CPVC products in direct contact with plasticizer containing materials such as electrical tape or certain wire and cable insulations. CPVC fire sprinkler piping can be overpainted, but only water or latex based paints should be used. Oil based paints or any type of paint with solvent content, must not be used with CPVC.



Solvent cement should be stored at temperatures between 5°C and 33°C. The cement should be stirred before use. If the cement is found to be gelled it should be discarded. The cement should be used within **two years** of the date stamped on the bottom of the tin.



Residential Riser Assemblies



Residential Riser Base Unit - Bulletin 425	
Size	Part No.
30mm (1")	6501202240
40mm (1½")	6501202242
50mm (2")	6501202244

Features:

- Stainless steel body construction.
- All brass trim.
- Factory assembled.
- Factory pressure tested at 200 psi (13.8 bar).
- Choice of trim: Basic trim, basic trim with Pressure Relief Valve, basic trim with TEST and DRAIN, basic trim with TEST and Pressure Relief Valve.
- Choice of mounting options: Supply/system lines support, support bracket (to stud), recessed or flush mount (to wood panel).
- BSPT (female x female) or NPT (female x female) connections.
- Slim design allows for easy installation within 50mm x 101mm on 406mm centres wood frame construction.
- Dedicated UL Listed water flow detector assures optimum sensitivity.

Flow Switch



Potter VSR-SFG – Solvent Cement Spigot		
Size	Part No.	Box
One Size	6990006055	1

Features:

- The Model VSR-SG is a vane type waterflow switch for use on wet sprinkler systems using CPVC plastic fittings that use 25mm (1"), 32mm (1 ¼"), 38mm (1 ½") or 50mm (2") pipe sizes. It is equipped with a union to accommodate installation in confined spaces.
- The VSR-SG contains two single pole, double throw, snap action switches and an adjustable instantly recycling pneumatic retard. The switches are actuated when a flow of 10 GPM (38LPM) or more occurs downstream of the switch. The flow condition must exist for a period of time necessary to overcome the selected retard period.
- UL, CUL and CSFM Listed, CE Marked

Service Pressure: Up to 175PSI (12,07 BAR)

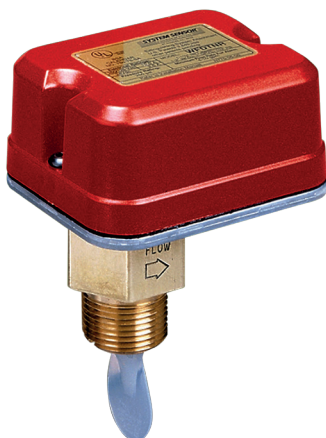
Flow Sensitivity Range for Signal: 4-10 GPM (15-38 LPM) – UL

T-TAP (WFDTN) Series Waterflow Detector		
Size	Part No.	Box
One Size	6990017635	1

The T-Tap Series Waterflow Detector is designed for residential and branch-line signaling; NEMA 4 Rating. 1" NPT branch, including 1", 1 ¼", 1 ½", and 2".

NPT threaded ferrous and brass tees; 1", 1 ¼", 1 ½", and 2" copper sweat tees; Tyco, Spears, NIBBCO brand 1" CPVC tees.

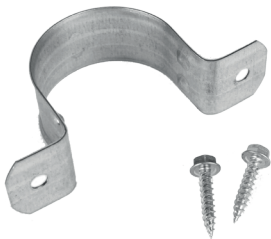
Service Use:	
British Standard	BS9251
Automatic Sprinkler	NFPA-13
One or Two family dwelling	NFPA-13D
Residential occupancy up to four stories	NFPA-13R
National Fire Alarm Code	NFPA-72



Hangers



Single Fastener – Strap Hanger				
Size (Inch)	Size (mm)	MFR PN	Reliable PN	Box
¾	20	22-007	7M99001900	100
1	25	22-010	7M99001901	100
1 ¼	32	22-012	7M99001902	100
1 ½	40	22-015	7M99001903	100
2	50	22-020	7M99001904	100



Double Fastener – Strap Hanger				
Size (Inch)	Size (mm)	MFR PN	Reliable PN	Box
¾	20	23-007	7M99001905	100
1	25	23-010	7M99001906	100
1 ¼	32	23-012	7M99001907	100
1 ½	40	23-015	7M99001908	100
2	50	23-020	7M99001909	100



Side Mount – Side Hanger				
Size (Inch)	Size (mm)	MFR PN	Reliable PN	Box
¾	20	24-007	7M99001910	100
1	25	24-010	7M99001911	100
1 ¼	32	24-012	7M99001912	100
1 ½	40	24-015	7M99001913	100
2	50	24-020	7M99001914	100



Stand off				
Size (Inch)	Size (mm)	MFR PN	Reliable PN	Box
¾	20	514-000	7M99001915	100
1	25	514-010	7M99001916	100
1 ¼	32	514-012	7M99001917	100
1 ½	40	514-015	7M99001918	100
2	50	514-020	7M99001919	100



Caddy				
Size (Inch)	Size (mm)	MFR PN	Reliable PN	Box
¾	20	MPZ025	7U99002322	100
1	25	MPZ032	7U99002323	100
1 ¼	32	MPZ040	7U99002324	100
1 ½	40	MPZ050	7U99002325	100
2	50	MPZ063	7U99002326	100
2 ½	65	MPZ075	7U99002327	100
3	80	MPZ090	7U99002328	100

Pipe



3.05m (10') Length					
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Lengths (ft/m)	Pack
¾	20	CP-007	7199030010	260'/79.3	26
1	25	CP-010	7199040010	170'/51.85	17
1 ¼	32	CP-012	7199050010	90'/27.45	9
1 ½	40	CP-015	7199060010	70'/21.35	7
2	50	CP-020	7199080010	50'/15.25	5
2 ½	65	CP-025	7199100010	40'/12.20	4
3	80	CP-030	7199120010	30'/9.15	3

Couplings



Coupling Socket				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4229-007	7153030300	25
1	25	4229-010	7153040400	25
1 ¼	32	4229-012	7153050500	10
1 ½	40	4229-015	7153060600	10
2	50	4229-020	7153080800	20
2 ½	65	4229-025	7153101000	5
3	76	4229-030	7153121200	5



Coupling Reducer				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 x ¾	25 x 20	4229-131	7155040300	15
1 ¼ x ¾	32 x 20	4229-167	7155050300	25
1 ¼ x 1	32 x 25	4229-168	7155050400	10
1 ½ x ¾	40 x 20	4229-210	7155060300	10
1 ½ x 1	40 x 25	4229-211	7155060400	10
1 ½ x 1 ¼	40 x 32	4229-212	7155060500	10
2 x ¾	50 x 20	4229-248	7155080300	10
2 x 1	50 x 25	4229-249	7155080400	10
2 x 1 ¼	50 x 32	4229-250	7155080500	10
2 x 1 ½	50 x 40	4229-251	7155080600	10

Unions



Union Socket				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4257-007	7156030000	10
1	25	4257-010	7156040000	10
1 ¼	32	4257-012	7156050000	5
1 ½	40	4257-015	7156060000	5
2	50	4257-020	7156080000	5

Reducing Bush



Reducing Bush				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 x ¾	25 x 20	4237-131	7125040300	50
1 ¼ x ¾	32 x 20	4237-167	7125050300	25
1 ¼ x 1	32 x 25	4237-168	7125050400	25
1 ½ x ¾	40 x 20	4237-210	7125060300	25
1 ½ x 1	40 x 25	4237-211	7125060400	25



Reducing Bush				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 ½ x 1 ¼	40 x 32	4237-212	7125060500	25
2 x ¾	50 x 20	4237-248	7125080300	10
2 x 1	50 x 25	4237-249	7125080400	10
2 x 1 ¼	50 x 32	4237-250	7125080500	10
2 x 1 ½	50 x 40	4237-251	7125080600	10
2 ½ x 1 ¼	65 x 32	4237-290	7125100500	10
2 ½ x 1 ½	65 x 40	4237-291	7125100600	10
2 ½ x 2	65 x 50	4237-292	7125100800	15
3 x 2	76 x 50	4237-338	7125120800	10
3 x 2 ½	76 x 65	4237-339	7125121000	10



Reducing Bush – Spigot x Metal Female Thread				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 x ½	25 x 13	4238-130BR	6990003821	1

Elbows



90° Elbow				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4206-007	7107030300	30
1	25	4206-010	7107040400	20
1 ¼	32	4206-012	7107050500	10
1 ½	40	4206-015	7107060600	10
2	50	4206-020	7107080800	25
2 ½	65	4206-025	7107101000	5
3	76	4206-131	7107121200	5

90° Reducing Elbow				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 x ¾	25 x 20	4206-131	7109040300	20



45° Elbow

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4217-007	7103030300	20
1	25	4217-010	7103040400	15
1 ¼	32	4217-012	7103050500	10
1 ½	40	4217-015	7103060600	10
2	50	4217-030	7103080800	10
2 ½	65	4217-025	7103101000	5
3	76	4217-030	7103121200	5



22.5° Elbow

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4216-007	6990004153	20
1	25	4216-010	7103040403	20
1 ¼	32	4216-012	7103050503	20
1 ½	40	4216-015	7103060603	20
2	50	4216-020	6990002818	20



Street Elbows

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4209-007	7110030300	50
1	25	4209-010	7110040400	50
1 ¼	32	4209-012	7110050500	25
1 ½	40	4209-015	7110060600	10
2	50	4209-020	7110080800	25



45° Street Elbow

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1	25	4227-010	7103040401	50



Side Outlet Elbow

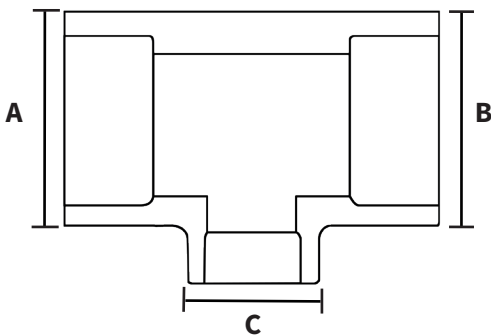
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4213-007	7107030303	50
1	25	4231-010	7107040404	50



Tee 90°

Tee Straight - Socket x Socket x Socket

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4201-007	7111030303	20
1	25	4201-010	7111040404	15
1 ¼	32	4201-012	7111050505	10
1 ½	40	4201-020	7111060606	10
2	50	4201-020	7111080808	10
2 ½	65	4201-030	7111101010	10
3	76	4201-030	7111121212	5



Tee Reducing

Tee Reducing - Socket x Socket x Socket

Size (Inch) A x B x C	Size (mm) A x B x C	Spears PN	Reliable PN	Box
3/4 x 3/4 x 1	20 x 20 x 25	4201-102	7117030304	20
1 x 3/4 x 3/4	25 x 20 x 20	4201-125	7117040303	20
1 x 3/4 x 1	25 x 20 x 25	4201-126	7117040304	15
1 x 1 x 3/4	25 x 25 x 20	4201-131	7115040403	20
1 1/4 x 1 x 3/4	32 x 25 x 20	4201-157	7115050403	15
1 1/4 x 1 x 1	32 x 25 x 25	4201-158	7117050404	15
1 1/4 x 1 x 1 1/4	32 x 25 x 32	4201-159	7117060405	15
1 1/4 x 1 1/4 x 3/4	32 x 32 x 20	4201-167	7115050503	10
1 1/4 x 1 1/4 x 1	32 x 32 x 25	4201-168	7115050504	10
1 1/4 x 1 1/4 x 1 1/2	32 x 32 x 40	4201-169	7117050506	10
1 1/2 x 1 1/4 x 3/4	40 x 32 x 20	4201-201	7115060503	10
1 1/2 x 1 1/4 x 1	40 x 32 x 25	4201-202	7115060504	10
1 1/2 x 1 1/2 x 3/4	40 x 40 x 20	4201-210	7115060603	10
1 1/2 x 1 1/2 x 1	40 x 40 x 25	4201-211	7115060604	10
1 1/2 x 1 1/2 x 1 1/4	40 x 40 x 32	4201-212	7115060605	10
2 x 2 x 3/4	50 x 50 x 20	4201-248	7115080803	10
2 x 2 x 1	50 x 50 x 25	4201-249	7115080804	10
2 x 2 x 1 1/4	50 x 50 x 32	4201-250	7115080805	10
2 x 2 x 1 1/2	50 x 50 x 40	4201-251	7115080806	10
2 1/2 x 2 1/2 x 1	65 x 65 x 25	4201-289	7115101004	10
2 1/2 x 2 1/2 x 1 1/4	65 x 65 x 32	4201-290	7115101005	10
2 1/2 x 2 1/2 x 1 1/2	65 x 65 x 40	4201-291	7115101006	10
3 x 3 x 2	76 x 76 x 50	4201-338	7115121208	5
3 x 3 x 2 1/2	76 x 76 x 65	4201-339	7115121210	5

Cross 90°



Cross				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4	20	4220-007	7171030000	20
1	25	4220-010	7171040000	15
1 1/4	32	4220-012	7171050000	10
1 1/2	40	4220-015	7171060000	10
2	50	4220-020	7171080000	8
2 1/2	65	4220-025	7171100000	5
3	76	4220-030	7171120000	5

Cross Reducing				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 x 3/4	25 x 20	4220-131	7173040403	20
1 1/4 x 3/4	32 x 20	4220-167	7173050503	25

Caps



Cap				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	4247-007	7167030000	25
1	25	4247-010	7167040000	25
1 ¼	32	4247-012	7167050000	10
1 ½	40	4247-015	7167060000	10
2	50	4247-020	7167080000	10
2 ½	65	4247-025	7167100000	5
3	76	4247-030	7167120000	5

Sprinkler Tee 90°



Sprinkler Tee				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾ x ¾ x ½	20 x 20 x 15	4202-101	7119030302	50
1 x 1 x ½	25 x 25 x 15	4202-130	7119040402	50
1 x 1 x 1	25 x 25 x 25	4202-010	7119040404	10
1 ¼ x 1 ¼ x ½	32 x 32 x 15	4202-166	7119050502	15
1 ½ x 1 ½ x ½	40 x 40 x 15	4202-209	7119060602	10
2 x 2 x ½	50 x 50 x 15	4202-247	7119080802	10
1 ½ x 1 ¼ x ½	40 x 32 x 15	4202-199	7121060502	10



Sprinkler Tee 90° - Socket x Reinforced Female Thread

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾ x ¾ x ½	20 x 20 x 15	4202-101SR	7118030302	50
1 x 1 x ½	25 x 25 x 15	4202-130SR	7118040402	50



Sprinkler Tee 90° - EPDM Seal/ Gasket Version

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾ x ¾ x ½	20 x 20 x 15	4202-101GS	7120030302	50
1 x 1 x ½	25 x 25 x 15	4202-130GS	7120040402	50
1 ¼ x 1 ¼ x ½	32 x 32 x 15	4202-166GS	7120050502	10



Sprinkler Tee 90° - Socket x Metal Female Thread

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 x ½ x 1	25 x 15 x 25	4202-122	7119040204	50

Sprinkler Elbow



Sprinkler Elbow - Sck Metal Female Thread				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4 x 1/2	20 x 15	4207-101	7109030201	20
1 x 1/2	25 x 15	4207-130	7109040201	15
1 x 3/4	25 x 20	4207-131	7109040301	25
1 1/4 x 1/2	32 x 15	4207-166	7109050201	10



Sprinkler Elbow - Sck x Reinforced Female Plastic Thread				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4 x 1/2	20 x 15	4207-101SR	7109030200	20



Sprinkler Elbow - EPDM Seal/Gasket Version (Torque Safe™)				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4 x 1/2	20 x 15	4207-101GS	7109030205	20
1 x 1/2	25 x 15	4207-130GS	7109040205	20

Sprinkler Adaptor



Sprinkler Adaptor - Socket x Metal Female Thread				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4 x 1/2	20 x 15	4235-101	7135030201	50
1 x 1/2	25 x 15	4235-130	7135040201	50
1 x 3/4	25 x 20	4235-131	7135040301	50



Sprinkler Adaptor - Socket x Reinforced Female Thread				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4 x 1/2	20 x 15	Z4235-101SF	7135030202	25



Sprinkler Adaptor - Metal EPDM Seal (TorqueSafe™)				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4" x 1/2"	20 x 15	4235-101GS	7135030205	50
1" x 1/2"	25 x 15	4235-130GS	7135040205	50



Sprinkler Adaptor - Spigot x Metal Female Thread				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4 SPG x 1/2	20 SPG x 15	4238-101	7139030201	50
1 SPG x 1/2	25 SPG x 15	4238-130	7139040201	50

Spigot Adaptor



Adaptor – Spigot x Metal Female Thread				
Size (Inch)	Size (mm)	Spears PN	RPN	Box
3/4	20	4278-007	7139030300	15
1	25	4278-010	7139040400	15

Female Adaptor



Female Adaptor – Socket x Metal Female Thread (BSP)				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1	25	4235-010BS	7U99001913	15
1 1/4	32	4235-012BS	7U99002152	16
1 1/2	40	4235-015BS	7U99001914	10
2	50	4235-020BS	7U99001915	5



Female Adaptor – Socket x Metal Female Thread (NPT)				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4	20	4235-007	7158030000	15
1	25	4235-010	7158040000	15
1 1/4	32	4235-012	7158050000	15
1 1/2	40	4235-015	7158060000	10
2	50	4235-020	7158080000	5



Female Adaptor – Socket x Reinforced Female Thread (BSP)				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1	25	4235-010SRBS	6990013046	25
1 1/4	32	4235-012SRBS	7U99001971	10

Male Adaptor



Male Adaptor – Socket x Metal Male Thread (BSP)				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
3/4	20	4236-007	7157030000	40
1	25	4236-010	7157040000	10
1 1/4	32	4236-012	7157050000	10
1 1/2	40	4236-015	7157060000	10
2	50	4236-020	7157080000	5



Grooved Coupling Adaptor CPVC x Brass

Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1 ¼	32	4233-012	7149050501	10
1 ½	40	4233-015	7149060601	10
2	50	4233-020	7149080801	10
2 ½	65	4233-025	7149101001	5
3	76	4233-030	7149121201	1



Test Plug

Test Plug				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
½	15	FTP-005	7139020000	50



Cement

Cement (Glue)				
Size (Pint)	Size (ML)	Spears PN	Reliable PN	Box
One Step Pint	473	FS5-020	7175000001	12



Sealant

Sealant				
Size (Pint)	Size (ML)	Spears PN	Reliable PN	Box
Blue 75 Pint	473	SB75-020	7175000002	12

Sealant

Size (Quart)	Size (Ltrs)	Reliable PN	Box
Blue 75 Quart	0.95	7175050002	12



Ball Valve

Ball Valve				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
¾	20	6622-007CO	6990005058	10
1	25	6622-010CO	6990005059	10



Lockable Ball Valve

Ball Valve				
Size (Inch)	Size (mm)	Spears PN	Reliable PN	Box
1	25	1822-010CFG	6990019149	10
1 ¼	32	1822-012CFG	6990019150	10
1 ½	40	1822-015CFG	6990018906	10

Contact- Placing An Order

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Bulletins

You can find the bulletins listed in this brochure on our website using the codes given.

Approvals



Opening Times

East Grinstead, United Kingdom:

9:00am - 5:00pm
Monday - Friday

Prices

The prices are shown in British Pounds excluding VAT. The prices are correct at time of printing. However, are subject to change due to circumstances beyond our control.

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Reliable requests that you must open an account to order with us. You can do this automatically when placing an order by phone. Credit cards including master card and visa are accepted. We also accept debit cards, cash or cheque. We have a no 'minimum' order policy.

Reliable®

TECHNOLOGY • QUALITY • SERVICE

Residential Flat Plate Concealed, Horizontal Sidewall Sprinkler.

Listed coverage areas from
3.6m x 3.6m to 4.9m x 6.1m.



Reliable Automatic Sprinkler
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96
YEARS

50
COUNTRIES

23
BRANCHES