



Protection where it's needed most

Highlights from our extensive
range of fire suppression systems

Protecting life and property

Tyco Fire Protection Products is the leading manufacturer and distributor of water-based fire suppression systems and components, offering one of the broadest lines of fire protection system equipment worldwide. Continually expanding its capabilities through proactive research and product development, it provides its customers with effective fire protection and construction solutions for residential, commercial, industrial, and institutional buildings.

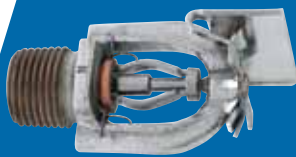
We supply a wide range of sprinklers, alarm valves and accessories as well as CPVC pipe & fittings, flowmeters, general purpose valves, hydrants, couplings and grooved fittings, sprinkler support materials, foam products and hardware.

Tyco has branches strategically located throughout Europe and the Middle East to provide customers with the best possible service.

All products can either be supplied directly from stock or at very short notice. If required, products can be engraved, assembled or otherwise modified according to your own specifications. In our Assembly Shop we can pre-trim any type of alarm valve to local specific requirement. Each valve assembly is functionally and hydrostatically tested before it leaves our facilities.

We can assist you to find safe and efficient solutions when using our products. We can provide technical support, training and courses for anyone who installs our products on a regular or project basis.

For the latest information about our organisation, product approvals or innovations, please visit us at www.tfpemea.com.



✓ ISO 9001
✓ approved products



1 Sprinklers, Nozzles & Accessories

Standard/Extended Coverage Sprinklers

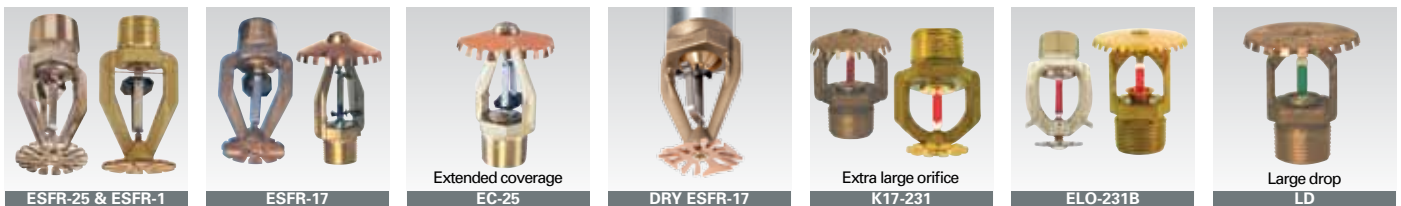


- // Wide range of bulb and fusible link sprinklers
- // K Factor: 40, 57, 80, 115, (160, 200 extended coverage only)

- // Standard response, special response and quick response
- // Connection: 3/8" BSP, 1/2" NPT and 3/4" NPT

- // Finish: brass, chrome, white
- // Deflector: pendent, upright, conventional, sidewall and concealed

Storage Sprinklers



- // Early Suppression Fast Response (ESFR) sprinklers: K-200, K-240, K-363
- // Extended coverage EC-25: K-363, max coverage to 4.3m x 4.3m
- // Very large orifice sprinkler (K17-231): K-242, 3/4" NPT, Upright and Pendent

- // Tyco Dry-Type Sprinkler (Dry ESFR-17): Grooved Connection 2 inch, 1-1/4 inch NPT, K=16.8 GPM/psi^{1/2}, Length 37.5" (950mm).
- // Large Drop sprinkler (LD): K-161, 3/4" NPT, brass

- // Extra Large Orifice sprinklers (ELO): bulb and fusible link type, K-161, 1/2" NPT and 3/4" NPT, upright and pendent

Residential Sprinklers & Dry Sprinklers

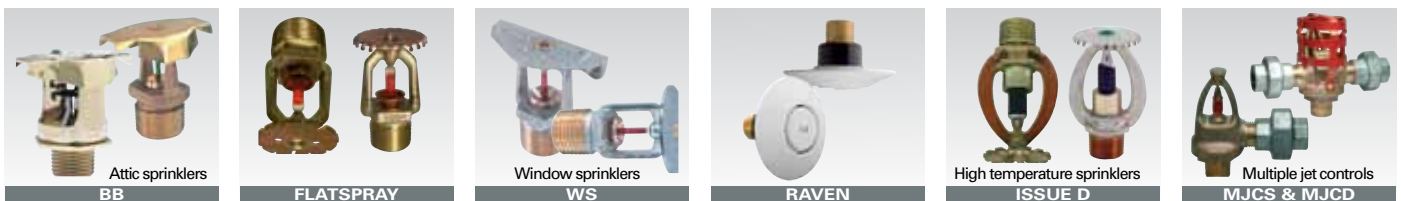


- // Residential sprinklers (LFII) ; pendent, horizontal sidewall, flush and concealed
- // LFII Range; K-61, K-71, 1/2" NPT, brass, chrome and white

- // Residential sprinkler design guide available on request
- // Dry sprinklers (DS-1/DS-2): pendent, upright and horizontal sidewall

- // DS-1 range; K-80, 1" ISO, standard / quick response, standard / extended coverage
- // DS-2 range; K-147 till K-161, 1" ISO, standard/quick response

Special Sprinklers & Multiple Jet Controls



- // Attic sprinklers, K-80, K-115, quick response
- // Window sprinklers; K-80, upright and horizontal

- // Combustible concealed sprinkler (CC1); K-43, upright
- // High pressure sprinklers (20 bar) and institutional sprinklers

- // Flat spray sprinklers and high temperature sprinklers
- // Multiple jet controls (thermal control valves)

1 Sprinklers, Nozzles & Accessories Cont.

Nozzles



- // Medium velocity and directional spray nozzles; K-16 till K-100
- // High velocity nozzles; K-23 till K86
- // (Window) Drenchers for water curtains
- // Mulsifyre and protectospray nozzles
- // Foam water sprinklers; K-20,40 and K80
- // Aquamist sprinklers and nozzles; K-3,5,4,7 and K-9.2

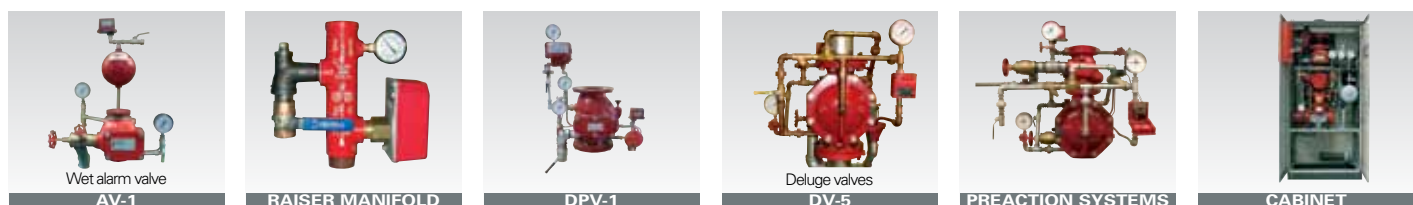
Sprinkler Accessories



- // Recessed escutcheons; adjustable 12.7mm or 19.1mm
- // Flat escutcheons
- // Sprinkler cabinets; capacity for 6, 12, 24, 36 or 50 sprinklers
- // Sprinkler guards; for pendent and upright sprinklers
- // Watershields; diameter 89mm, 100mm or 165mm
- // Sprinkler wrenches for all sprinkler types

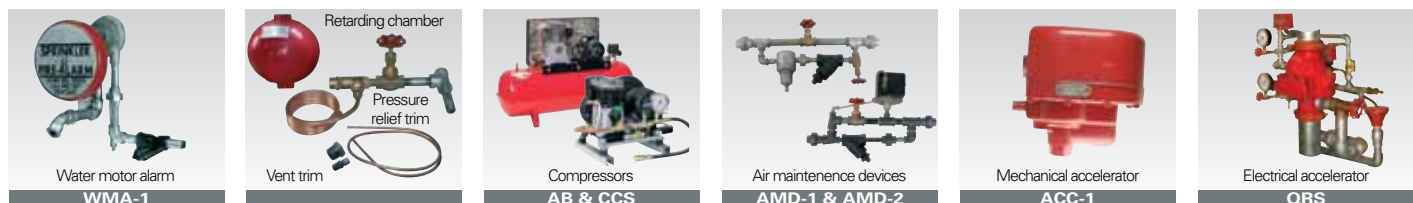
2 Alarm Valves

Alarm Valves



- // Wet Alarm Valve AV-1; DN 65,100, 150, 200
- // Dry Pipe Alarm Valve; DPV-1; DN 80, 100, 150
- // DPV-1; external reset, no priming water, unique clapper design
- // Deluge/preaction alarm valve DV-5; DN40, 50, 80, 100, 150, 200
- // DV-5; diaphragm style, external reset, light and simple
- // Valves end connections: Grooved, Flanged Ansi or Din

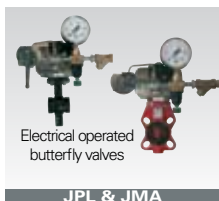
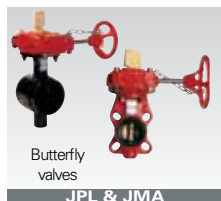
Alarm Valves Accessories



- // Water motor alarm gong and retarding chamber
- // Alarm Vent trim and pressure relief trim
- // Compressors and air maintenance devices
- // Accelerators; mechanical or electrical
- // Exhausters; for quick air relief in dry system.

3 General Purpose Valves

Shut-off Valves and Check Valves

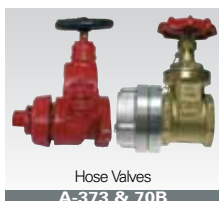


- // Gate valves Dn50-DN400 non rising stem (NRS)
- // Gate valves Dn50-DN400 outside screw and yoke (OS & Y)

- // Butterfly valves DN50-DN400; gear operated, pneumatic or electrical
- // Ball valves; DN10-DN80 BSP / NPT thread

- // Check valves; double door or swing type, DN10-DN300 thread, wafer or flanged

Hydrants and Postindicators

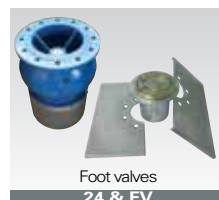
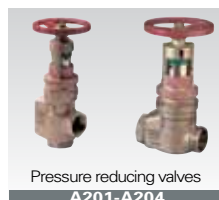
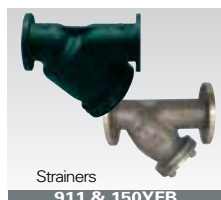
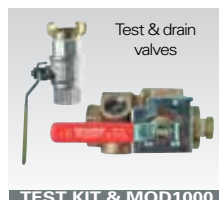


- // Hydrants; 2 or 3 way, Straight or with Duckfoot
- // Hydrant valves with Storz Connections

- // Underground NRS gate valves; DN100-DN400, flanged

- // Adjustable post indicators and wall post

Other General Purpose Valves

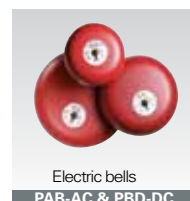
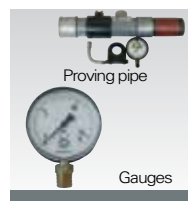
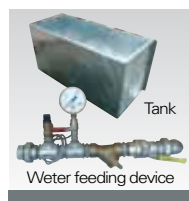
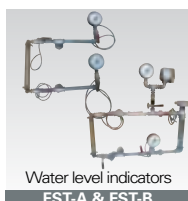


- // Test & drain valves and kits, up to 2" with several K-factors
- // Strainers; DN15-DN300, thread, wafer or flanged

- // Pressure relief valves flanged; DN50-DN300
- // Pressure reducing valves, threaded up to DN65, flanged up to DN300

- // Foot valves DN 80-DN300
- // Anti-vortex plates with check valve DN100-DN200

4 Measuring and Electrical Devices



- // Pressure alarm switch, adjustable setting
- // Flow switches, vane types DN50-DN250

- // Supervisory switches for ball, gate and butterfly valves
- // Flow meters; venture, annubar or electromagnetic type, DN65-DN300

- // Water tank equipment, gauges and proving pipes
- // Electrical bells

5 CPVC Pipes & Fittings



// CPVC pipe and fittings
// CPVC flow switches

// CPVC tools and cement
// Decorative shields

6 Flexible Hose, Welding Outlets and Threaded Fittings



// Flexible sprinkler hose, DN25, braided and un-braided, 700mm - 1500mm
// Drop pipes and nipples, DN25 x DN15

// Welding branchlets, threaded and grooved outlet, chamfered and non-chamfered face
// Pipe thread sealant

// Welding neck flanges and bolting kits
// Malleable fittings, threaded

7 Sprinkler Support Material



// Sprinkler hangers and pipe clamps
// C-clamps with and without internal thread

// U-bolts
// Channels and fittings

// Brackets and consoles
// Threaded rods, bolts, nuts and general fixings

8 Grooved Products

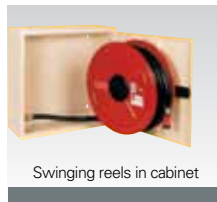


// Couplings; flexible, rigid and reducing
// Grooved flanges

// Grooved fittings
// Branch outlets and sprinkler fittings

// Gaskets and lubricant
// Pipe preparation tools; grooving tools and HCT support tool

9 Fire Hoses and Connections



// (Swinging) Hose reels;
dn19-dn25-dn33

// Cabinets
// Hose racks

// Fire department connections
// Storz and BS couplings

10 Foam Hardware & Foam Concentrates

Foam agents & Proportioning Equipment



// We offer the widest range of foam agents: AFFF, AR-AFFF, High Ex, Silv-ex, and all Protein foam types

// Horizontal and Vertical types. Capacity in standard from 135 to 17 000 l and 25 000 l for special units. Approvals available in UL/FM or CE marked

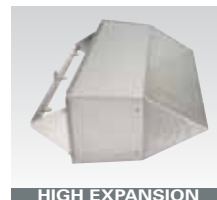
// Standard pre-piped bladder tank

// Proportioners WAF or TP for Bladder tank systems with standard flow range DN50 to DN250, 112 TO 33100 l/min

// Wide Range Proportioners WRP/TPW for bladder tank systems DN50 to DN250, 100 to 18 000 l/min

// Proportioners PP - PPW standard and wide range for foam pump systems DN50 to 250, 125 to a33 100 l/min

Tanks & Inductors



// Atmospheric tanks polytherlytne for inductors and foam pump systems. Capacity in standard up to 10 000 litres

// Large range of inductors from DN40 up to DN200 max 16 500 l/min. These units are manufactured according to your real flow design characteristics

// Foam water nozzles, water nozzles & sprinklers are available in various K-factors

// Low or Medium expansion foam generators, foam chambers, floating roof foam maker or high back pressure generators

// For inside Air (Hot Foam) technology or Outside Air systems with a wide range of expansion ratios up to 800:1

// All types including fixed oscillating, portable, remote control electric or hydraulic

Portable & Trailer Foam equipment Technical support, project design & analysis



// We offer a large range of foam portable equipment for professionals including inductors, branch pipes, generators and monitors

// Standard foam trailers or bespoke designs, our full range offers a wide choice, with or without foam tanks

// Expert support for customers in engineering foam fire protection systems and problem solving

// Project based pre-assemble foam pump skids and bladder tanks in containers

// We offer foam quality analysis of your stocks, through our European laboratories

// We offer design software to calculate your sprinkler requirements



Global Strength. Local expertise. At your service

WORLDWIDE HEADQUARTERS

Tyco Fire Protection Products, 1400
Pennbrook Parkway, Lansdale,
PA 19446,
Tel: +1 215-362-0700, (Toll Free)
Tel: +1 800-558-5236,
Fax: +1 800-877-1295
www.tyco-fire.com

ENSCHEDÉ

Kopersteden 1,
P.O. Box 198,
7500 AD Enschede,
The Netherlands,
Tel. +31 (0)53-428-4444
www.tfppemea.com

SINGAPORE

Tyco Fire Protection Products,
2 Serangoon North Avenue 5,
#07-01, Singapore 554911
Tel. +65-6577-4360,
Fax: +65-6481-8791
www.tyco-fire.com

