



DS-8 Dry Sprinkler



Features and benefits

- Standard response and quick response available
- cULus Listed
- Available in all standard DS finishes and configurations
- Custom lengths of piping available
- Fast rate of delivery

At-a-glance

The TYCO Series DS-8 – 8.0 K-factor (K115), Dry-Type Standard Spray Pendent, is available in both quick response and standard response with multiple escutcheon and finish options. DS-8 is a decorative automatic sprinkler featuring a glass bulb which is typically used in cold storage and the protection of outdoor spaces. For use in wet or dry pipe systems that are exposed to freezing temperatures.

The DS-8 fits seamlessly in the DS product line where all products can be integrated with each other. The TYCO Series DS-8 offers the possibility for lower design pressure compared to a 5.6k dry sprinkler. The DS range is the ultimate in function and finish from the leaders in fire safety.

Learn more at www.tyco-fire.com.

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Dry Sprinkler comparison chart

Model	DS-8		DS-1				
Style	Pendent (Standard Coverage)	Pendent (Standard Coverage)	Pendent			Pendent	
Occupancy Classification	NFPA Light Hazard, Ordinary Hazard, Extra Hazard	NFPA Light Hazard, Ordinary Hazard, Extra Hazard	NFPA 13 Commercial Light, Ordinary and Extra Hazard			NFPA 13 Commercial Light, Ordinary and Extra Hazard	
K-Factor	8.0 K (K 115)	8.0 K (K 115)	5.6 K (K 80)	5.6 K (K 80)	5.6 K (K 80)	5.6 K (K 80)	5.6 K (K 80)
SIN	TY4235	TY4255	TY3235	TY3935	TY3230	TY3255	TY3250
Lightings	cULus	cULus	cULus FM	cULus	cULus	cULus, FM, LPCB, CE, VdS	cULus LPCB
Response Rating	QR	SR	QR	QR	QR	SR	SR
Activation Temperature	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C 360 °F / 182.2 °C	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C 360 °F / 182.2 °C	135 °F / 57.2 °C 155 °F / 68.3 °C 175 °F / 79.4 °C 200 °F / 93.3 °C 286 °F / 141.1 °C 360 °F / 182.2 °C
Escutcheon Style	Standard Recessed Deep Plain Barrel	Standard Recessed Deep Plain Barrel	Standard Recessed Deep Plain Barrel	Standard Recessed Deep Plain Barrel	Standard Recessed Deep Plain Barrel	Standard Recessed Deep Plain Barrel	Standard Recessed Deep Plain Barrel
Escutcheon Style	Chrome Brass White	Chrome Brass White	Brass White Chrome	Brass White Chrome	Stainless Steel	Brass White Chrome	Stainless Steel
Minimum Order Length	3/4 in. (19 mm)	3/4 in (19 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)	1/2 in. (12.7 mm)
Maximum Order Length	48 in. (1219 mm)	48 in. (1219 mm)	48 in. (1219 mm)	48 in. (1219 mm)	48 in. (1219 mm)	48 in. (1219 mm)	48 in. (1219 mm)
Thread Type	1" NPT and 1" ISO 7-R-1	1" NPT and 1" ISO 7-R-1	1" NPT and 1" ISO 7-R-1	3/4" NPT	1" NPT and 1" ISO 7-R-1	1" NPT and 1" ISO 7-R-1	1" NPT and 1" ISO 7-R-1
Data Sheet	TFP513	TFP503	TFP560	TFP510	TFP560	TFP500	TFP560

Typical Installation for the DS-8 & DS-1 Pendent

Both the DS-8 and DS-1 can be used in commercial systems or portions of wet pipe commercial systems exposed to freezing temperatures. Examples include overhangs, breezeways, parking garages, balconies, outdoor walkways in mixed use or commercial areas such as shopping centers, and box-in-box freezers. The use of these pendent dry sprinklers reduces low points, and you can typically use both pendants in dry pipe systems where the piping is subject to freezing temperatures.

Customer Service: Tel: 800.558.5236 • Fax: 800.877.1295
 Technical Service: Tel: 800.381.9312 • Fax: 800.791.5500

Always refer to the Technical Data Sheets (TFP503 and TFP513) for complete description of all Listing criteria, design parameters, installation instructions, care and maintenance guidelines.

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