

Rapid Response® Sprinklers

LFII

Pendent & Recessed Pendent



K Factor	K=4.9 (70,6)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NSF/ANSI 61
Temperature	155°F/68°C, 175°F/79°C
Escutcheon	Style 20
Sprinkler Finish	Pure White, Signal White, Chrome Plated, Natural Brass
SIN	TY2234
Wrench Type	W-TYPE 6, W-Type 7 (For recessed escutcheons)
Tech Data Sheet	TFP400

3 mm bulb type ■ Approved for special applications with beamed ceilings

Intended for use in wet & dry pipe scenarios:

- residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- residential occupancies up to and including four stories in height per NFPA 13R
- sprinkler systems for the residential portions of any occupancy per NFPA 13

Pendent & Recessed Pendent



K Factor	K=5.8 (83,5)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NSF/ANSI 61
Temperature	155°F/68°C, 175°F/79°C
Escutcheon	Style 20
Sprinkler Finish	Signal White, Chrome Plated, Natural Brass, Jet Black
SIN	TY3934
Wrench Type	W-TYPE 6, W-Type 7 (For recessed escutcheons)
Tech Data Sheet	TFP401

3 mm bulb type

Intended for use in these wet pipe scenarios:

- residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- residential occupancies up to and including four stories in height per NFPA 13R
- sprinkler systems for the residential portions of any occupancy per NFPA 13

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Pendent & Recessed Pendent



K Factor	K=3.0 (43,2)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NSF/ANSI 61
Temperature	155°F/68°C, 175°F/79°C
Escutcheon	Style 20
Sprinkler Finish	Signal White, Chrome Plated, Natural Brass
SIN	TY1234
Wrench Type	W-TYPE 6, W-Type 7 (For recessed escutcheons)
Tech Data Sheet	TFP402

3 mm bulb type ■ Decorative, fast response, frangible bulb sprinklers designed for use in residential occupancies such as homes, apartments, dormitories, and hotels.

Intended for use in these wet pipe scenarios:

- residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- residential occupancies up to and including four stories in height per NFPA 13R
- sprinkler systems for the residential portions of any occupancy per NFPA 13

Horizontal & Recessed Horizontal Sidewall



K Factor	K=4.4 (63,4)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NSF/ANSI 61
Temperature	155°F/68°C, 175°F/79°C
Escutcheon	Style 20
Sprinkler Finish	Signal White, Chrome Plated, Natural Brass
SIN	TY2334
Wrench Type	W-TYPE 6, W-Type 7 (For recessed escutcheons)
Tech Data Sheet	TFP412

3 mm bulb type

Intended for use in these wet pipe scenarios:

- residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- residential occupancies up to and including four stories in height per NFPA 13R
- sprinkler systems for the residential portions of any occupancy per NFPA 13

Rapid Response® Sprinklers

LFII

Horizontal & Recessed Horizontal Sidewall



K Factor	K=4.2 (60,5)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NYC, NSF/ANSI 61
Temperature	155°F/68°C, 175°F/79°C
Escutcheon	Style 20
Sprinkler Finish	Pure White, Signal White, Chrome Plated, Natural Brass
SIN	TY1334
Wrench Type	W-TYPE 6, W-Type 7 (For recessed escutcheons)
Tech Data Sheet	TFP410

3 mm bulb type ■ Approved for special applications with beamed ceilings

Intended for use in the following scenarios:

- wet and dry pipe residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- wet and dry pipe residential occupancies up to and including four stories in height per NFPA 13R
- wet and dry pipe sprinkler systems for the residential portions of any occupancy per NFPA 13

Flat Plate Concealed Pendent



K Factor	K=4.9 (70,6)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NYC, NSF/ANSI 61
Temperature	160°F/71°C - Sprinkler, 139°F/59°C - Cover Plate 212°F/100°C - Sprinkler, 165°F/74°C - Cover Plate
Cover Plate Finish	Ivory, Beige, Pure White, Signal White, Grey White, Brown, Black, Brushed Brass, Brushed Chrome, Custom
SIN	TY3596
Wrench Type	W-TYPE 18
Tech Data Sheet	TFP442

Solder type ■ Provides 1/2" inch (12,7 mm) vertical adjustment. This adjustment provides flexibility when cutting fixed sprinkler drops ■ Cover plate conceals sprinkler components above the ceiling

Intended for use in the following scenarios:

- wet and dry pipe residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- wet and dry pipe residential occupancies up to and including four stories in height per NFPA 13R
- wet and dry pipe sprinkler systems for the residential portions of any occupancy per NFPA 13

Rapid Response® Sprinklers

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Domed Plate Concealed Pendent



K Factor	K=4.9 (70,6)
Thread Size	1/2" NPT
Approvals	UL, C-UL, NYC
Temperature	155°F/68°C – Sprinkler, 139°F/59°C – Cover Plate
Cover Plate Finish	Pure White, Signal White, Chrome, Custom
SIN	TY2234
Wrench Type	W-TYPE 7
Tech Data Sheet	TFP450

3 mm bulb type ■ Can be used for horizontal and sloped ceilings ■ Cover plate conceals sprinkler components above the ceiling

Intended for use in the following scenarios:

- wet and dry pipe residential sprinkler systems for one/two-family dwellings and mobile homes per NFPA 13D
- wet and dry pipe residential occupancies up to and including four stories in height per NFPA 13R
- wet and dry pipe sprinkler systems for the residential portions of any occupancy per NFPA 13

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Cover Plate & Protective Cap Utility Tool for Concealed Sprinklers



Used with the following Sprinklers	TY2524, TY3531, TY3532, TY3551, TY3596
Tech Data Sheet	Tyco for details

Install and remove cover plates for LFII, RFII, and RFIII concealed sprinklers ■ Also used for removing protective caps before cover plate installation

Rapid Response® Sprinklers

LFII

Dry Type Recessed Pendent



K Factor	K=4.9 (70,6)
Thread Size	1" NPT or ISO 7-R1
Approvals	UL, NSF/ANSI 61
Temperature	155°F/68°C, 175°F/79°C (wet pipe only)
Escutcheon Finish	Signal White, Chrome Plated, Natural Brass
Sprinkler Finish	Signal White, Chrome Plated, Natural Brass
SIN	TY2235
Wrench Type	W-TYPE 7
Tech Data Sheet	TFP460

3 mm bulb type ■ Where sprinklers are required on dry pipe systems that are exposed to freezing temperatures, or where sprinklers are seasonally drained to avoid freezing ■ Offer the features of non-water filled pipe in addition to not having to increase the number of design sprinklers (hydraulic design area) for systems designed to NFPA 13, 13D, or 13R

Intended for use in the following residential sprinkler systems scenarios:

- one/two-family dwellings and mobile homes per NFPA 13D
- residential occupancies up to and including four stories in height per NFPA 13R
- the residential portions of any occupancy per NFPA 13

Dry Type Recessed Horizontal Sidewall



K Factor	K=4.4 (63,4)
Thread Size	1" NPT or ISO 7-R1
Approvals	UL, NSF/ANSI 61
Temperature	155°F/68°C
Escutcheon Finish	Signal White, Chrome Plated, Natural Brass
Sprinkler Finish	Signal White, Chrome Plated, Natural Brass
SIN	TY2335
Wrench Type	W-TYPE 6, W-Type 7 (For recessed escutcheons)
Tech Data Sheet	TFP461

3 mm bulb type ■ The Series LFII Dry Type Residential Horizontal Sidewall Sprinklers are typically used where sprinklers and/ or a portion of the connecting piping are exposed to freezing temperatures ■ Offer the features of non-water filled pipe in addition to not having to increase the number of design sprinklers (hydraulic design area) for systems designed to NFPA 13, 13D, or 13R

Intended for use in the following residential sprinkler systems scenarios:

- one/two-family dwellings and mobile homes per NFPA 13D
- residential occupancies up to and including four stories in height per NFPA 13R
- the residential portions of any occupancy per NFPA 13