Fire Protection Products
Technical Data Book Updating Instructions
March 2023

SECTION	REMOVE	INSERT	NOTES
TABLE OF CONTENTS	TOC (11-22)	TOC (03-23)	New edition Fire Protection Products Technical Data Book Table of Contents reflects latest product data sheets and issue dates.
CANCELLATIONS			
SECTION 4: RESIDENTIAL SPRINKLERS	TFP480 (08-22)	—	Technical Data Sheet TFP480 describing Model RCP-1 Residential Control Panel is cancelled, product no longer offered.
	TFP485 (08-22)	—	Technical Data Sheet TFP485 describing the Residential Dry Pipe System is cancelled. Basis of system was Model RCP-1 Residential Control Panel, now obsolete and no longer offered.
SECTION 9: WET SYSTEM VALVES AND ACCESSORIES	TFP980 (07-16)	—	Technical Data Sheet TFP980 describing Model RSV-1 Residential Shut-Off Valves is cancelled, product no longer offered. Product replaced by Model RSV-1 Stainless Steel Residential Shut-Off Valves described in Technical Data Sheet TFP982.
REVISIONS			
SECTION 1: STANDARD SPRAY SPRINKLERS	TFP110 (04-22)	TFP110 (12-22)	Technical Data Sheet TFP110 describing Series TY-L Upright and Pendent Sprinklers has been revised: Page 1, updated QR code and URL; Page 3, Tables A and B and Approvals sub-section, removed LPCB Approved; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP130 (08-18)	TFP130 (12-22)	Technical Data Sheet TFP130 describing Series TY-FRL Upright, Pendent, and Recessed Pendent Quick Response Standard Coverage Sprinklers has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, Table A, removed LPCB Approved from Upright TY3121; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP171 (09-22)	TFP171 (12-22)	Technical Data Sheet TFP171 describing Series TY-FRB Upright, Pendent and Recessed Pendent Sprinklers has been revised: Page 9, Table C, added note to footnote 4, removing LPCB Approved from Pendent and Recessed Pendent TY3231 286°F (141°C) temperature rating; Page 9, Table C, removed note Approved by the Loss Prevention Certification Board (LPCB Ref. No. 094a/06) as Quick Response Sprinklers, formerly footnote 7.

SECTION	REMOVE	INSERT	NOTES
SECTION 1: STANDARD SPRAY SPRINKLERS (CONTINUED)	TFP176 (09-22)	TFP176 (12-22)	Technical Data Sheet TFP176 describing Series TY-FRB Horizontal and Vertical Sidewall Sprinklers has been revised: Page 5, Table A, footnote 8, removed LPCB Ref. No. 094a/06 and 007a/04.
	TFP181 (04-22)	TFP181 (08-22)	Technical Data Sheet TFP181 describing Series RFII Concealed Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP182 (04-21)	TFP182 (08-22)	Technical Data Sheet TFP182 describing Series RFII-MRI Non-Magnetic Concealed Pendent Standard Coverage Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP184 (08-18)	TFP184 (08-22)	Technical Data Sheet TFP184 describing ILLUSION 11.2 K-factor Concealed Pendent Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 2: EXTENDED COVERAGE SPRINKLERS	TFP223 (09-18)	TFP223 (08-22)	Technical Data Sheet TFP223 describing Series EC-8 TY4232 Extended Coverage Light Hazard Pendent Sprinkler has been revised: Reduced to 4 pages, formerly 6 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP226 (04-21)	TFP226 (08-22)	Technical Data Sheet TFP226 describing Series EC-8C TY4282 Special Application Pendent Sprinkler for Corridors and Hallways of Light Hazard Occupancies has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP228 (08-18)	TFP228 (08-22)	Technical Data Sheet TFP228 describing Series EC-5 TY3232 Extended Coverage Light Hazard Pendent Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 2: EXTENDED COVERAGE SPRINKLERS (CONTINUED)	TFP230 (08-18)	TFP230 (08-22)	Technical Data Sheet TFP230 describing Model SW-20 TY5332 and Model SW-24 TY5337 Extended Coverage Ordinary Hazard Horizontal Sidewall 11.2 K-factor Sprinklers has been revised: Reduced to 4 pages, formerly 6 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP250 (08-18)	TFP250 (08-22)	Technical Data Sheet TFP250 describing Model ELOC Concealed Pendent Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP260 (05-22)	TFP260 (08-22)	Technical Data Sheet TFP260 describing Series RFII Extended Coverage Concealed Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP262 (04-21)	TFP262 (08-22)	Technical Data Sheet TFP262 describing Series RFII-MRI Non-Magnetic Concealed Pendent Extended Coverage Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP263 (05-22)	TFP263 (08-22)	Technical Data Sheet TFP263 describing Series RFII-C TY3582 5.6 K-factor Special Application Royal Flush II Quick Response Concealed Pendent Sprinkler for Corridors and Hallways in Light Hazard Occupancies has been revised: Page 1, updated QR code and URL; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP265 (08-18)	TFP265 (08-22)	Technical Data Sheet TFP265 describing the Model CHEC Concealed Horizontal Sidewall Extended Coverage Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP280 (08-18)	TFP280 (08-22)	Technical Data Sheet TFP280 describing Series TY-FRL EC HSW Sprinklers has been revised: Reduced document to 4 pages, formerly 6 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 2: EXTENDED COVERAGE SPRINKLERS (CONTINUED)	TFP288 (04-21)	TFP288 (08-22)	Technical Data Sheet TFP288 describing Model EC-HS EC TY3330 Horizontal Sidewall Sprinkler has been revised: Reduced document to 4 pages, formerly 6 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP298 (08-18)	TFP298 (08-22)	Technical Data Sheet TFP298 describing the Model EC-5 EC HSW Sprinkler has been revised: Reduced document to 4 pages, formerly 6 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 3: STORAGE SPRINKLERS	TFP312 (10-22)	TFP312 (12-22)	Technical Data Sheet TFP312 describing Model ESFR-25 TY9226 Pendent Sprinkler has been revised: Page 3, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep.
	TFP315 (04-22)	TFP315 (08-22)	Technical Data Sheet TFP315 describing Model ESFR-17 TY7226 Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP316 (04-22)	TFP316 (12-22)	Technical Data Sheet TFP316 describing the Model ESFR-17 TY7126 Upright Sprinkler has been revised: Page 1, updated QR code and URL; Page 2, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP317 (04-22)	TFP317 (12-22)	Technical Data Sheet TFP317 describing the Model ESFR-17 TY7223 Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 3, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 3: STORAGE SPRINKLERS (CONTINUED)	TFP319 (04-22)	TFP319 (12-22)	Technical Data Sheet TFP319 describing the Model ESFR-14 TY6236 Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 3, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP320 (05-22)	TFP320 (08-22)	Technical Data Sheet TFP320 describing the Model ESFR-17 TY7229 Dry Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP321 (04-22)	TFP321 (12-22)	Technical Data Sheet TFP321 describing Model ESFR-22 TY8223 Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 2, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP322 (04-22)	TFP322 (08-22)	Technical Data Sheet TFP322 describing Model ESFR-17 TY7236 16.8 K-factor Pendent Sprinkler has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP325 (03-19)	TFP325 (08-22)	Technical Data Sheet TFP325 describing Model TY720 Electronic Control Pendent Sprinkler has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 3: STORAGE SPRINKLERS (CONTINUED)	TFP327 (01-22)	TFP327 (01-23)	Technical Data Sheet TFP327 describing Model ESFR-22 TY8220 Pendent RIS Rapid Install Sprinkler has been revised: Page 1, updated QR code and URL; Page 2, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep; Page 5, Installation section, General Instructions sub-section, alignment cone bullet point, removed instruction to fabricate welding alignment cone in accordance with specification found on Tyco website, specification no longer provided online; Page 5, Installation section, Installing the Sprinkler sub-section, expanded note limiting installation in RIS welded fittings, advising Rapid Install Sprinkler Adapters are available for transitioning from pipe fittings with conventional tapered threads; Page 6, Ordering Procedure, added RIS Welding Alignment Cone and RIS Adapters sub-sections; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP328 (12-22)	TFP328 (01-23)	Technical Data Sheet TFP328 describing Model ESFR-25 TY9220 Pendent RIS Rapid Install Sprinkler has been revised: Page 1, updated QR code and URL; Page 2, Design Criteria Roof Construction sub-section, added note requiring sprinkler installed in each channel formed by structural members in areas of buildings with obstructed construction consisting of solid structural members exceeding 12 in. (302 mm) deep; Page 6, Installation section, General Instructions sub-section, alignment cone bullet point, removed instruction to fabricate welding alignment cone in accordance with specification found on Tyco website, specification no longer provided online; Page 6, Installation section, Installing the Sprinkler sub-section, expanded note limiting installation in RIS welded fittings, advising Rapid Install Sprinkler Adapters are available for transitioning from pipe fittings with conventional tapered threads; Page 7, Ordering Procedure, added RIS Welding Alignment Cone and RIS Adapters sub-sections; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 6: SPECIAL SPRINKLERS	TFP635 (08-20)	TFP635 (08-22)	Technical Data Sheet TFP635 describing the Model TY-FRFS, TY-FS Special and TY-FS Flat Spray Sprinklers has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, Table A and Approvals sub-section, added EAC Approved; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 7: SPRINKLER WARNINGS, PATTERNS, AND ACCESSORIES	TFP705 (07-20)	TFP705 (08-22)	Technical Data Sheet TFP705 providing reference to Sprinkler and Nozzle Materials, Finishes, and Environmental Factors has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP710 (08-18)	TFP710 (08-22)	Technical Data Sheet TFP710 providing Sprinkler Spray Patterns has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 78, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP720 (03-22)	TFP720 (12-22)	Technical data sheet TFP720 describing FASTFLEX Flexible Sprinkler Hoses has been revised: Page 1, updated QR code and URL; Page 1, Approvals sub-section, replaced APSAD accepted with CNPP Certified; Page 6, Table A, replaced APSAD with CNPP Certified, likewise updated footnote 2; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP725 (06-21)	TFP725 (08-22)	Technical Data Sheet TFP725 describing Model FH-1 Flexible Hose has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP741 (05-22)	TFP741 (08-22)	Technical Data Sheet TFP741 describing Model TF-3 and TF-4 Rapid Install Sprinkler Adapter Fitting, 1 in. male tapered to female RIS threaded has been revised: Changed model designations throughout to TF-3 and TF-4, formerly TF-1 and TF-2; Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP742 (05-22)	TFP742 (08-22)	Technical Data Sheet TFP742 describing Model TF-5 and TF-6 Rapid Install Sprinkler Adapter Fitting, 1 in. male RIS to female tapered threaded has been revised: Changed model designations throughout to TF-5 and TF-6, formerly TF-3 and TF-4; Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 7: SPRINKLER WARNINGS, PATTERNS, AND ACCESSORIES (CONTINUED)	TFP743 (05-22)	TFP743 (08-22)	Technical Data Sheet TFP743 describing Model TF-1 and TF-2 Rapid Install Sprinkler Adapter Fitting, 1 in. female tapered to female RIS threaded has been revised: Changed model designations throughout to TF-1 and TF-2, formerly TF-5 and TF-6; Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP770 (11-21)	TFP770 (08-22)	Technical Data Sheet TFP770 describing Two-Piece Recessed Sprinkler Escutcheons and Protective Paint Caps has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP777 (08-18)	TFP777 (08-22)	Technical Data Sheet TFP777 describing Style 65 One-Piece Flush and Style 401 Two-Piece Deep Sprinkler Escutcheons has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP778 (04-21)	TFP778 (08-22)	Technical Data Sheet TFP778 describing Style 60 Two-Piece Flush Escutcheons has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP781 (08-18)	TFP781 (08-22)	Technical Data Sheet TFP781 describing Model GUMC Sprinkler Guard and GUWSU Sprinkler Guard with Shield has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 7: SPRINKLER WARNINGS, PATTERNS, AND ACCESSORIES (CONTINUED)	TFP784 (01-22)	TFP784 (12-22)	Technical Data Sheet TFP784 describing Accessories for use with ESFR and Rapid Install (RIS) ESFR Pendent Sprinklers has been revised: Page 1, updated title, formerly ESFR Pendent Sprinkler Accessories; Page 1, updated QR code and URL; Page 2, Table A, added guard locknut to Model EG-25 Sprinkler Guard application with ESFR-22 TY8223 and ESFR-25 TY9226 NPT sprinklers; Page 2, Table A, added ESFR-22 TY8220 and ESFR-25 TY9220 RIS sprinkler application to Model EG-25 Sprinkler Guard; Page 2, Figure 2, and Page 4, Ordering Procedure, Model EG-25 Sprinkler Guard sub-section, added locknut included with NPT guards; Page 2, added new Figure 3 for ESFR RIS sprinkler application with Model EG-25 Sprinkler Guard; Page 3, Figure 4, formerly Figure 3, and Installation, Model EG-25 Sprinkler Guard sub-section, expanded application to include NPT and RIS sprinklers and added locknut to procedure; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP785 (02-21)	TFP785 (08-22)	Technical Data Sheet TFP785 describing Sprinkler Cabinets has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 8: NOZZLES AND NOZZLE ACCESSORIES	TFP800 (01-21)	TFP800 (08-22)	Technical Data Sheet TFP800 describing Type EA-1 PROTECTOSPRAY Directional Spray Nozzles has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP802 (04-22)	TFP802 (08-22)	Technical Data Sheet TFP802 describing Type D3 PROTECTOSPRAY Directional Spray Nozzles has been revised: Page 1, updated QR code and URL; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP802A (08-18)	TFP802A (08-22)	Technical Data Sheets TFP802A describing Type D3 PROTECTOSPRAY Nozzle Spray Profiles Appendix has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP806 (08-18)	TFP806 (08-22)	Technical Data Sheet TFP806 describing Type D4a PROTECTOSPRAY Directional Spray Nozzles has been revised: Page 1, updated QR code and URL; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 8: NOZZLES AND NOZZLE ACCESSORIES (CONTINUED)	TFP807 (03-22)	TFP807 (08-22)	Technical Data Sheet TFP807 describing Type MV Medium Velocity Open Nozzles has been revised: Page 1, updated QR code and URL; Page 14, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP807A (08-18)	TFP807A (08-22)	Technical Data Sheet TFP807 describing Type MV Medium Velocity Open Nozzles 12.1 bar (175 psi) Spray Profile Appendix has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP808 (04-22)	TFP808 (08-22)	Technical Data Sheet TFP808 describing the Model DN-5 Medium Velocity Corrosion Resistant Duct Nozzle has been revised: Page 1, updated QR code and URL; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP809 (08-18)	TFP809 (08-22)	Technical Data Sheet TFP809 describing Type MV-R Reverse Action and Type MV-T Tank Top Open Medium Velocity Nozzles has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP810 (08-18)	TFP810 (08-22)	Technical Data Sheet TFP810 describing Model F822 through F834 Mulsifyre Open Directional Spray Nozzles has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP811 (04-21)	TFP811 (08-22)	Technical Data Sheet TFP811 describing Model F822S through F834S Mulsifyre Open Directional Spray Nozzles with Strainers has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP815 (11-19)	TFP815 (08-22)	Technical Data Sheet TFP815 describing Type HV High Velocity Directional Spray Nozzles has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 8: NOZZLES AND NOZZLE ACCESSORIES (CONTINUED)	TFP820 (08-18)	TFP820 (08-22)	Technical Data Sheet TFP820 describing Type G United States Navy Washdown Nozzle has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP825 (08-18)	TFP825 (08-22)	Technical Data Sheet TFP825 describing Type SB Flush Deck Washdown Nozzle has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP830 (08-18)	TFP830 (08-22)	Technical Data Sheet TFP830 describing Type 1 and 2 Cooling Tower Nozzles has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP835 (04-22)	TFP835 (08-22)	Technical Data Sheet TFP835 describing Issue A and B Window Type Exposure Protection Sprinklers has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP840 (08-18)	TFP840 (08-22)	Technical Data Sheets TFP840 describing Model B-1 Foam-Water Sprinklers has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP850 (12-20)	TFP850 (08-22)	Technical Data Sheet TFP850 describing Model TN-25 Horizontal Spray Nozzle has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP852 (09-20)	TFP852 (08-22)	Technical Data Sheet TFP852 describing Model TN-17 Horizontal Spray Nozzle has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP870 (08-18)	TFP870 (08-22)	Technical Data Sheet TFP870 describing DDS Duct Deluge System has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 8: NOZZLES AND NOZZLE ACCESSORIES (CONTINUED)	TFP890 (08-18)	TFP890 (08-22)	Technical Data Sheet TFP890 describing PROTECTO-SPRAY Nozzle and Open Sprinkler Blow-Off Plugs has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 9: WET SYSTEM VALVES AND ACCESSORIES	TFP910 (03-21)	TFP910 (08-22)	Technical Data Sheet TFP910 describing Model AV-1-300 Alarm Check Valve has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 20, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP920 (03-19)	TFP920 (08-22)	Technical Data Sheet TFP920 describing Model RC-1 Retard Chamber has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP922 (01-22)	TFP922 (11-22)	Technical Data Sheet TFP922 describing the Model WMA-1 Water Motor Alarm European Conformity has been revised: Page 1, updated QR code and URL; Page 1, Approvals sub-section, added EAC Approved; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP950 (12-20)	TFP950 (08-22)	Technical Data Sheet TFP950 describing Model CV-1FR Riser Check Valve has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, relocated Installation section to page 6, formerly page 1; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP964 (06-22)	TFP964 (08-22)	Technical Data Sheet TFP964 describing Model RM-2 Riser Manifold has been revised: Page 1, updated QR code and URL; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP966 (06-22A)	TFP966 (08-22)	Technical Data Sheet TFP966 describing Model RM-2 Base Riser Manifold has been revised: Page 1, updated QR code and URL; Page 12, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 9: WET SYSTEM VALVES AND ACCESSORIES (CONTINUED)	TFP982 (03-22)	TFP982 (08-22)	Technical Data Sheet TFP982 describing Model RSV-1 Stainless Steel Residential Shut-Off Valve, Dual-Purpose Water Supply, Domestic and Fire Sprinkler System has been revised: Page 1, updated QR code and URL; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP990 (04-22)	TFP990 (08-22)	Technical Data Sheet TFP990 describing the Model AV-1-300 Alarm Valve with European Conformity Trim has been revised: Page 1, updated QR code and URL; Page 24, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 10: DRY SYSTEM VALVES	TFP1020 (03-22)	TFP1020 (08-22)	Technical Data Sheet TFP1020 describing the Model DPV-1 Dry Pipe Valve has been revised: Page 1, updated QR code and URL; Page 20, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1090 (04-22)	TFP1090 (08-22)	Technical Data Sheet TFP1090 describing the Model DPV-1 Dry Pipe Valve with European Conformity Trim has been revised: Reduced document to 24 pages + appendices, formerly 26 pages + appendices; Page 1, updated QR code and URL; Page 20, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 11: QUICK OPENING DEVICES	TFP1100 (09-21)	TFP1100 (08-22)	Technical Data Sheet TFP1100 describing Model QRS Electronic Accelerator Quick Opening Device for Dry Pipe or Preaction Systems has been revised: Throughout, updated DV-5A Double Interlock Electric/Electric Trim data sheet number to TFP1466, formerly shown as TFP1450; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 16, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1105 (06-19)	TFP1105 (08-22)	Technical Data Sheet TFP1105 describing the Model VIZOR Electronic Dry Pipe Accelerator has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 12, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1112 (09-21)	TFP1112 (08-22)	Technical Data Sheet TFP1112 describing Model ACC-1 Dry Pipe Valve Accelerator has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 10, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 12: AIR MAINTENANCE DEVICES	TFP1221 (02-20)	TFP1221 (08-22)	Technical Data Sheet TFP1221 describing the Model AMD-1 Air Maintenance Device has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1231 (08-18)	TFP1231 (08-22)	Technical Data Sheet TFP1231 describing the Model AMD-2 Air Maintenance Device has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1241 (08-18)	TFP1241 (08-22)	Technical Data Sheet TFP1241 describing the Model AMD-3 Automatic Nitrogen Maintenance Device High Pressure (Cylinder) Reducing Type with Field-Adjustable Pressure Regulator has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1251 (06-21)	TFP1251 (08-22)	Technical Data Sheet TFP1251 describing Model NG-1 100, 250, 500 Nitrogen Generator, Wall-Mounted has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1252 (06-20)	TFP1252 (08-22)	Technical Data Sheet TFP1252 describing Model NG-1 1000 Nitrogen Generator, Skid-Mounted has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1253 (04-22)	TFP1253 (08-22)	Technical Data Sheet TFP1253 describing Model NG-1 1150, 1500, 2000, 3000 Stand-Alone Nitrogen Generator has been revised: Page 1, updated QR code and URL; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1261 (09-19)	TFP1261 (08-22)	Technical Data Sheet TFP1261 describing Model TILD Corrosion Detector, In-Line, has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 12: AIR MAINTENANCE DEVICES (CONTINUED)	TFP1262 (09-20)	TFP1262 (08-22)	Technical Data Sheet TFP1262 describing Model TAV-D Air Vent, Dry has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1263 (09-20)	TFP1263 (08-22)	Technical Data Sheet TFP1263 describing Model TSV-D SMART Air Vent, Dry has been revised: Reduced document to 4 pages, formerly 6 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1264 (09-19)	TFP1264 (08-22)	Technical Data Sheet TFP1264 describing Model TAV-W Air Vent, Wet, has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1265 (02-20)	TFP1265 (08-22)	Technical Data Sheet TFP1265 describing Model TAV-WN Air Vent, Wet-Nitrogen has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1266 (09-19)	TFP1266 (08-22)	Technical Data Sheet TFP1266 describing Model TNIK Nitrogen Inerting Kit has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1267 (09-19)	TFP1267 (08-22)	Technical Data Sheet TFP1267 describing Model THGA Handheld Gas Analyzer has been revised: Reduced document to 2 pages, formerly 4 pages; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1268 (09-19)	TFP1268 (08-22)	Technical Data Sheet TFP1268 describing Model TNIM Nitrogen Inerting Manifold has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 12: AIR MAINTENANCE DEVICES (CONTINUED)	TFP1269 (09-19)	TFP1269 (08-22)	Technical Data Sheet TFP1269 describing Model TNIC Nitrogen Interface Controller has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1270 (09-19)	TFP1270 (08-22)	Technical Data Sheet TFP1270 describing Model TSGA Smart Gas Analyzer has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1272 (09-19)	TFP1272 (08-22)	Technical Data Sheet TFP1272 describing Model TNST-200 Nitrogen Storage Tank has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 13: DELUGE SYSTEM VALVES AND ACCESSORIES	TFP1301 (08-22)	TFP1301 (12-22)	Technical Data Sheet TFP1301 describing DV-5A Red-E Cabinet Integrated Deluge Fire Protection Package has been revised: Page 5, Table C, updated 1 hp air compressor applicable to all cabinet and valve sizes, formerly limited to large cabinet with 6 in. (DN150) or 8 in. (DN200) valve. Note: 1 hp compressor remains applicable to only electric/pneumatic actuation system type.
	TFP1311 (05-22)	TFP1311 (01-23)	Technical Data Sheet TFP1311 describing DV-5A Automatic Water Control Valve with Deluge Fire Protection System Wet Pilot Actuation Trim has been revised: Page 1, updated QR code and URL; Page 11, Figure 6 (2 of 2), Item A2, updated Waterflow Pressure Alarm Switch part numbers and regional applicability; Page 12, Figure 7, updated dimensions; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
	TFP1316 (06-22)	TFP1316 (01-23)	Technical Data Sheet TFP1316 describing DV-5A Automatic Water Control Valve with Deluge Fire Protection System Dry Pilot Actuation Trim has been revised: Page 1, updated QR code and URL; Page 11, Figure 6 (2 of 2), Items A2 and A3, updated Waterflow and Low Air Pressure Alarm Switch part numbers and regional applicability; Page 12, Figure 7, updated dimensions; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.

SECTION	REMOVE	INSERT	NOTES
SECTION 13: DELUGE SYSTEM VALVES AND ACCESSORIES (CONTINUED)	TFP1321 (06-22)	TFP1321 (01-23)	Technical Data Sheet TFP1321 describing DV-5A Automatic Water Control Valve with Deluge Fire Protection System Electric Actuation Trim has been revised: Page 1, updated QR code and URL; Page 11, Figure 6 (2 of 2), Item A2, updated Waterflow Pressure Alarm Switch part numbers and regional applicability; Page 12, Figure 7, updated dimensions; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
	TFP1325 (06-22)	TFP1325 (01-23)	Technical Data Sheet TFP1325 describing DV-5A Water Control Valve with Deluge Remote-Resetting Trim has been revised: Page 1, updated QR code and URL; Page 11, Figure 7 (2 of 2), Item A2, updated Waterflow Pressure Alarm Switch part numbers and regional applicability; Page 12, Figure 8, updated dimensions; Page 20, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
	TFP1326 (06-22)	TFP1326 (01-23)	Technical Data Sheet TFP1326 describing DV-5A Water Control Valve with Deluge Remote-Resetting, Pressure-Reducing Trim has been revised: Page 1, updated QR code and URL; Page 9, Figure 7 (2 of 2), Item A2, updated Waterflow Pressure Alarm Switch part numbers and regional applicability; Page 10, Figure 8, updated dimensions; Page 22, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
SECTION 14: PREACTION SYSTEMS	TFP1411 (06-22)	TFP1411 (01-23)	Technical Data Sheet TFP1411 describing DV-5A Automatic Water Control Valve with Preaction Fire Protection System Single-Interlock Wet Pilot Actuation Trim has been revised: Page 1, updated QR code and URL; Page 11, Figure 6 (2 of 2), Item A2, updated Waterflow Pressure Alarm Switch part numbers and regional applicability; Page 12, Figure 7, updated dimensions; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
	TFP1416 (06-22)	TFP1416 (01-23)	Technical Data Sheet TFP1416 describing DV-5A Automatic Water Control Valve with Preaction Fire Protection System Single-Interlock Dry Pilot Actuation Trim has been revised: Page 1, updated QR code and URL; Page 10, Figure 6 (2 of 2), Items A2 and A3, updated Waterflow and Low Air Pressure Alarm Switch part numbers and regional applicability; Page 11, Figure 7, updated dimensions; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.

SECTION	REMOVE	INSERT	NOTES
SECTION 14: PREACTION SYSTEMS (CONTINUED)	TFP1421 (06-22)	TFP1421 (01-23)	Technical Data Sheet TFP1421 describing DV-5A Automatic Water Control Valve with Preaction Fire Protection System Single-Interlock Electric Actuation Trim has been revised: Page 1, updated QR code and URL; Page 10, Figure 6 (2 of 2), Item A2, updated Waterflow Pressure Alarm Switch part numbers and regional applicability; Page 11, Figure 7, updated dimensions; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
	TFP1461 (06-22)	TFP1461 (01-23)	Technical Data Sheet TFP1461 describing DV-5A Automatic Water Control Valve with Preaction Fire Protection System Double-Interlock Electric/Pneumatic Actuation Trim has been revised: Page 1, updated QR code and URL; Page 11, Figure 6 (2 of 2), Items A2 and A3, updated Waterflow and Low Air Pressure Alarm Switch part numbers and regional applicability; Page 12, Figure 7, updated dimensions; Page 20, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated Appendix A into document, including print instructions.
	TFP1486 (09-19)	TFP1486 (08-22)	Technical Data Sheet TFP1486 describing Model DPV-1 Preaction Type B Valves has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 18, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 15: GENERAL PURPOSE VALVES	TFP1511 (09-22)	TFP1511 (12-22)	Technical Data Sheet TFP1511 describing Model BFV-300 and BFV-300C Grooved Butterfly Valves has been revised: Page 1, Approvals sub-section, added CNPP Certified, formerly shown as CNPP R1 Listed – APSAD APSAD accepted with CNPP Certified; Pages 5 and 6, Tables A, B and C, changed CNPP column headings to CNPP Certified.
	TFP1516 (09-22)	TFP1516 (12-22)	Technical Data Sheet TFP1516 describing Model BFV-300 Wafer Butterfly Valve has been revised: Page 1, Approvals sub-section, added CNPP Certified, formerly shown as CNPP R1 Listed – APSAD APSAD accepted with CNPP Certified; Page 5, Tables A and B, changed CNPP column headings to CNPP Certified.
	TFP1541 (09-22)	TFP1541 (01-23)	Technical Data Sheet TFP1541 describing Model TJR Resilient-Seated Gate Valves Outside Screw and Yoke has been revised: Page 1, General Description section, removed statement indicating epoxy resin coating provides enhanced UV protection in exposed installations; Page 1, Approvals sub-section, added CE Certified plus added CE mark.
	TFP1546 (10-22)	TFP1546 (01-23)	Technical Data Sheet TFP1546 describing Model TJP Resilient-Seated Gate Valves with Vertical or Cross Wall Post Indicator has been revised: Page 1, General Description section, removed statement indicating epoxy resin coating provides enhanced UV protection in exposed installations; Page 2, Approvals sub-section, added CE Certified plus added CE mark.

SECTION	REMOVE	INSERT	NOTES
SECTION 15: GENERAL PURPOSE VALVES (CONTINUED)	TFP1581 (08-22)	TFP1581 (01-23)	Technical Data Sheet TFP1581 describing Model PRV-1A Pilot Operated Pressure Reducing Valve has been revised: Page 1, General Description section, added statement indicating DV-5A valve is utilized in the assembly.
SECTION 16: SPECIALTY ITEM	TFP1620 (08-22)	TFP1620 (11-22)	Technical Data Sheet TFP1620 describing the Model G16AC812 Automatic Air Supervisory Air Supply has been revised: Page 1, Approvals sub-section, removed UL Listed.
	TFP1682 (01-22)	TFP1682 (08-22)	Technical Data Sheet TFP1682 describing LFP Anti-freeze+ Agency Listed Solution for Fire Sprinkler Systems has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 8, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 17: STEEL PIPE AND THREADED FITTINGS	TFP1710 (08-18)	TFP1710 (08-22)	Technical Data Sheet TFP1710 describing Ductile Iron NPT Threaded Fittings has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 10, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1720 (04-22)	TFP1720 (08-22)	Technical Data Sheet TFP1720 describing GRINNELL G-FIRE Figure 40-5 Strap Pipe Outlets has been revised: Page 1, updated QR code and URL; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 18: FIRE GROOVED PRODUCTS	TFP1830 (08-18)	TFP1830 (08-22)	Technical Data Sheet TFP1830 describing GRINNELL G-FIRE Figure 716 Flexible Reducing Couplings has been revised Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1840 (08-18)	TFP1840 (08-22)	Technical data sheet TFP1840 describing GRINNELL G-FIRE Figure 707 Grooved Heavy-Duty Flexible Couplings has been revised Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1860 (04-21)	TFP1860 (08-22)	Technical Data Sheet TFP1860 describing GRINNELL G-FIRE Figure 730 Mechanical Tees and Crosses has been revised Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 10, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 18: FIRE GROOVED PRODUCTS (CONTINUED)	TFP1865 (04-22)	TFP1865 (08-22)	Technical Data Sheet TFP1865 describing GRINNELL G-FIRE Figure 522 Sprinkler Outlets has been revised: Page 1, updated QR code and URL; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1880 (08-18)	TFP1880 (08-22)	Technical data sheet TFP1880 describing GRINNELL G-FIRE Figure 71 Flange Adapters has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 6, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1895 (01-22)	TFP1895 (08-22)	Technical Data Sheet TFP1895 providing Gasket Service Recommendations for Fire Grooved Products has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1898 (08-18)	TFP1898 (08-22)	Technical Data Sheet TFP1898 providing Standard Specifications, Roll and Cut Groove for Steel Pipe has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 19: CPVC PIPE AND FITTINGS	IH-1900 (05-22)	IH-1900 (01-23)	CPVC Fire Sprinkler Pipe and Fittings Installation Instructions and Technical Handbook IH-1900 has been revised: Title page, added QR code and URL to allow convenient access to electronic version from printed document AND changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700; Incorporated new UL Open Web Sidewall and Riser Design guidelines: Pages 13 and 16, added Open Web Joists section; Pages 14 and 15, Figures 1, 2 and 3, changed maximum distance from wall to edge of riser to 12 in., formerly 1-1/2 in.; Page 20, 2nd paragraph, added "open wood joists OR open steel joists" to unfinished basement ceiling construction (in accordance with NFPA 13D); 3rd paragraph, changed to "below the bottom of the joist," formerly "below the bottom of the solid wood joist OR composite wood joist"; 4th paragraph, added "and a maximum horizontal distance of 15 inches from the wall."; 7th paragraph, changed to "The maximum distance between the wall and the outside surface of the riser pipe shall be 12 in.", formerly "The maximum distance between the walls and the outside surface of the riser pipe shall be 1-1/2 in."

SECTION	REMOVE	INSERT	NOTES
SECTION 19: CPVC PIPE AND FITTINGS (CONTINUED)	TFP1915 (08-18)	TFP1915 (08-22)	CPVC Submittal Sheet TFP1915 has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1920 (01-21)	TFP1920 (08-22)	Technical Data Sheet TFP1920 describing Model SHB1 Head Set CPVC Hanger has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1950 (10-21)	TFP1950 (11-22)	Technical Data Sheet TFP1950 describing Model 3002B CPVC Sprinkler Head Adapter Fitting Holdback Wrench has been revised: Changed to Model 3002B throughout, formerly Model 3022B; Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 2; Ordering Procedure section, changed part number to 3002B, formerly 3022B; Page 2, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1990 (02-20)	TFP1990 (08-22)	Technical Data Sheet TFP1990, Tyco CPVC TFP-500 One Step Solvent Cement SDS Safety Data Sheet, has been revised: Page 4, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP1994 (08-18)	TFP1994 (08-22)	Technical Data Sheet TFP1994, Tyco CPVC TFP-600 One Step Solvent Cement SDS Safety Data Sheet, has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 10, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
SECTION 20: FOAM SPRINKLER EQUIPMENT	TFP2000 (08-18)	TFP2000 (08-22)	Technical Data Sheet TFP2000 describing Foam Definitions for Use With ANSUL Foam Concentrates has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.
	TFP2005 (06-21)	TFP2005 (08-22)	Technical Data Sheet TFP2005 describing Approved Discharge Devices for Use With ANSUL Foam Concentrates has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 4, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

SECTION	REMOVE	INSERT	NOTES
SECTION 21: ELECTRICAL	TFP2112 (10-22)	TFP2112 (12-22)	Technical Data Sheet TFP2112 describing Model TIP Indicator Post Supervisory Switch has been revised: Page 1, replaced product photo.
	TFP2114 (10-22)	TFP2114 (12-22)	Technical Data Sheet TFP2114 describing Model TSS Plug Type Supervisory Switch has been revised: Page 1, replaced product photo.
SECTION 23: REGULATORY AND HEALTH INFORMATION	TFP2300 (08-18)	TFP2300 (08-22)	Technical Data Sheet TFP2300 providing Regulatory and Health Warnings for TYCO and G-FIRE fire suppression products has been revised: Page 1, added QR code and URL to allow convenient access to electronic version from printed document; Page 1, changed corporate address and telephone number to 1467 Elmwood Avenue, Cranston, RI 02910 | Telephone +1-401-781-8220, formerly 1400 Pennbrook Parkway, Lansdale, PA 19446 | Telephone +1-215-362-0700.

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