

GEM Technical Data Book

Technical Data Book Update, November, 2002

Updating Instructions

Replace the Table of Contents dated 7-02 with the revised Table of Contents dated November, 2002.
Use the new Table of Contents as a guide when inserting the referenced new and revised technical data sheets.

REMOVE	INSERT	NOTES
TD500C (2-02) TD505A (2-02) TD511A (2-02) TD513A (2-02) TD515A (2-02) TD530A (2-02) TD544A (2-02)	TFP151 (September, 2002) TFP161 (September, 2002) TFP351 (September, 2002) TFP640 (September, 2002) TFP661 (September, 2002) TFP670 (September, 2002)	The approval status for the Series TY-B Standard Response Bulb Type Sprinklers has been updated. The TY-B Standard Response, Extended Coverage Horizontal Sidewall Sprinklers previously described in TD544A are no longer offered for sale.
TD500A (3-01) TD500M (3-01) TD507 (3-01) TD513M (3-01) TD515M (3-01) TD525Q (3-01) TD532 (3-01) TD534 (3-01) TD545 (3-01) TD547 (3-01)	TFP171 (September, 2002) TFP176 (September, 2002) TFP296 (September, 2002) TFP356 (September, 2002) TFP642 (September, 2002) TFP666 (September, 2002)	The Model A Quick Response Bulb Type Sprinklers have been redesignated as the Series TY-FRB Sprinklers.
TD501H (3-01) TD503H (3-01) TD509H (3-01) TD514H (3-01) TD516H (3-01) TD527H (3-01) TD535H (3-01)	TFP110 (November, 2002) TFP120 (November, 2002) TFP350 (November, 2002)	The Model F916/F917 Standard Response Solder Type Sprinklers have been redesignated as the Series TY-L Sprinklers. The conventional style and 2.8 K-factor versions are no longer offered for sale, as well as 135F and 360F temperature ratings.
TD501 (3-01) TD502M (3-01) TD514 (3-01) TD516 (3-01) TD526 (3-01) TD535 (3-01) TD545M (3-01) TD547M (3-01)	TFP130 (November, 2002) TFP140 (November, 2002) TFP280 (November, 2002) TFP355 (November, 2002)	The Model FR-1 Quick Response Solder Type Sprinklers have been redesignated as the Series TY-FRL Sprinklers.
TD595 (3-01) TD595A (3-01)	TFP340 (November, 2002) TFP342 (November, 2002) TFP344 (November, 2002)	The ELO-231, ELO-231B, and ELO-231FRB Sprinklers are new product being offered for sale to replace the 11.2 K-factor, Models F892 and F892QR Sprinklers that will be sold until depletion.

REMOVE	INSERT	NOTES
TFP400 (8-02) TFP420 (8-02 A) TFP490 (6-02)	TFP400 (November, 2002) TFP420 (November, 2002) TFP490 (November, 2002)	New criteria for installation with ceilings having beams has been added for the Series LFII Residential Sprinklers.
TFP220 (6-02)	TFP220 (October, 2002)	The EC-11 & EC-14 Extended Coverage Sprinkler approval status has been expanded to include 18 ft. x 18 ft. and 20 ft. x 20 ft. light hazard occupancies by UL and C-UL, as well as light hazard occupancy by FM for the pendent and recessed pendent sprinklers.
TD594M (3-01)		The 11.2 K-factor, Model F890 will be sold until depletion. The EC-11 described in TFP220 now carries the approvals provided by the F890.
TFP213 (2-02)	TFP213 (November, 2002)	The installation criteria has been updated to reflect changes presented in the 2002 edition of NFPA 13 (e.g., non-square extended coverage areas of protection for extra hazard occupancies and high-piled storage & the use of ordinary temperature rated EC sprinklers using the high temperature rated sprinkler design densities for high-piled storage), as well as updated UL clearance to storage requirements.
TD871 (6-87)	TD871 (10-02)	The material specification for the Rupture Disc used with the F819 Rupture Disc Assembly has been corrected from nitrile rubber impregnated asbestos gaskets to aramid fiber/nitrile elastomer gaskets.
TD887 (2-00)	TFP360 (November, 2002) Insert in Section 8	The G1 is a redesignation for the F938 Sprinkler Guard, and the G1/S1 is a redesignation for the F938/Q-76 Sprinkler Guard with Shield. These products are principally for use with TY-B and TY-FRB Sprinklers. The G4 is a redesignation for the F937 Sprinkler Guard, and the G4/S3 is a redesignation for the F937/Q-76 Sprinkler Guard with Shield. These products are principally for use with TY-L and TY-FRL Sprinklers.
	TFP362 (November, 2002) Insert in Section 8	The G2 Sprinkler Guard, WS-2 Shield, and WSG-2 Sprinkler Guard with Shield are new product designed for use with the ELO-231, ELO-231B, and ELO231FRB described in TFP340, TFP342, and TFP344, respectively.