

CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division

Patricia Lancaster, A.I.A., Commissioner

MEA 177-03-E

Report of Material and Equipment Acceptance (MEA) Division

Manufacturer – Tyco Fire Products LP, 2401 Loop 289 NE & Municipal Drive, Lubbock, TX 79403.

Trade Name(s) – Tyco Fire Products.

Product – Automatic sprinkler identification numbers TY7151, TY7153, TY7251, TY4332, TY5131, TY5231, TY6137, TY6237, TY5522, TY5332, and TY5337.

Pertinent Code Sections – RS 17-6A.

Prescribed Tests – RS 17-6A (UL 199)

Laboratory -Underwriters Laboratories, Inc.

Test Reports – UL File Ex683, Project No. 99NK22116/00NK7603, issued March 15, 2000, revised December 4, 2000; UL File Ex5985, Project No. 02NK30250, issued October 29, 2002; UL File Ex5985, Project No. 03NK39871, issued December 19, 2002; UL File Ex5985, Project No. 02NK38964, issued October 4, 2002; UL File Ex5985, Project No. 02NK28794, issued July 31, 2002, revised October 1, 2002; UL File Ex5985, Project No. 02NK28794, issued July 30, 2002, revised November 1, 2002.

Description – Automatic Sprinklers for use in fire suppression systems.

SIN	Type	K-Factor	Temp. Ratings	Finishes
TY7151	Standard Response, Standard Coverage, Upright, 5mm Glass Bulb, 3/4 inch NPT, Maximum Rated Pressure of 175 psi.	16.8	155, 200, and 286°F	Natural Brass
TY7153	Standard Response, Upright, Specific Application Storage, 5mm Glass Bulb, 3/4 Inch NPT, Maximum Rated Pressure of 175 psi.	16.8	200°F	Natural Brass
TY7251	Standard Response, Standard Coverage, Pendent, 5mm Glass Bulb, 3/4 Inch NPT, Maximum Rated Pressure of 175 psi	16.8	155, 200, and 286°F	Natural Brass



UL Ex683, Project Numbers 99NK22116/00NK7603, Issued March 15, 2000 and Revised December 4, 2000.				
TY4332	Quick Response, Concealed Horizontal Extended Coverage (CHEC) Quick Response Light Hazard Sidewall, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	8.0	135 and 155°F with 135°F Cover Plate	Cover Plate: Bright White or Chrome Plated. (Custom colors other than white are available on special request).
UL File Ex5985, Project No. 02NK30250, issued October 29, 2002				
TY5137	Fast Response, Extended Coverage (Light and Ordinary Hazard), Upright, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	135, 155, 175, 200, and 286°F	Natural Brass, Chrome Plated, White Polyester and Lead Coated
TY5237	Fast Response, Extended Coverage (Light and Ordinary Hazard), Pendant and Recessed Pendant, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	135, 155, 175, 200, and 286°F (Recessed Pendant to Maximum of 200°F with Style 40 Escutcheon)	Natural Brass, Chrome Plated, White Polyester and Lead Coated (Recessed Pendant Not Available in Lead Coated)
TY6137	Fast Response, Extended Coverage (Light and Ordinary Hazard), Upright, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	135, 155, 175, 200, and 286°F	Natural Brass, Chrome Plated, White Polyester and Lead Coated
TY6237	Fast Response, Extended Coverage (Light and Ordinary Hazard), Upright, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	135, 155, 175, 200, and 286°F (Recessed Pendant to Maximum of 200°F with Style 40 Escutcheon)	Natural Brass, Chrome Plated, White Polyester and Lead Coated
UL File Ex5985, Project No. 03NK39871, Issued December 19, 2002.				
TY5522	Quick and Standard Response, Extended Coverage, Extra Large Orifice Concealed Pendant, Solder Type, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	160°F with 135°F Cover Plate 212°F with 165°F Cover Plate	Cover Plate: Chrome Plated, Brass Plated or White Painted (Custom Paint Matches and Colors other than White are available on Request)



UL File Ex5985, Project No. 02NK38964, issued October 4, 2002.					
TY5332	Standard Response, Extended Coverage Ordinary Hazard, Horizontal Sidewall, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	155 and 200°F	Natural Brass, Chrome Plated, White Polyester	
UL File Ex5985, Project No. 02NK28794, issued July 31, 2002, revised October 1, 2002					
TY5337	Standard Response, Extended Coverage Ordinary Hazard, Horizontal Sidewall, 3 mm Glass Bulb, 3/4 inch NPT, Maximum rated Pressure of 175 psi	11.2	200°F	Natural Brass, Chrome Plated, White Polyester	
UL File Ex5985, Project No. 02NK28794, issued July 30, 2002, revised November 1, 2002					

Pursuant to "Promulgation of the Rules relating to Materials and Equipment Application Procedures" dated November 5, 1992. The Bureau of Fire Prevention has no objections letter dated June 10, 2003, F.P. Index No. 0306006.

Recommendation: That the above sprinklers, be accepted on condition that all uses, locations and installations comply with the New York City Building Code, rules, regulations, and testing requirements in particular with the requirements of Subchapter 17 and RS 17-2 of the Administrative Code and on further condition that:

1. Underwriters Laboratories Inc.'s listing requirements and limitations shall be adhered to.
2. Manufacturer's use, maintenance procedures and limitations shall be complied with.

All shipments and deliveries of such equipment shall be provided with a label or tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance July 24, 2003

Examined by Donald A. Fed