



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
 280 Broadway, New York, NY 10007  
 Patricia Lancaster, FAIA, Commissioner  
 (212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 254-06-E

**Manufacturer:** Tyco Fire Products LP, 8902 Interstate 27, Lubbock, TX 79403

**Trade Name(s):** Tyco Fire Products

**Product:** Quick Response Specific Application Attic Sprinklers

**Pertinent Code Section(s):** RS 17-6A.

**Prescribed Test(s):** PS 17-6A (UL199)

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** File Ex5985, Project No. 02NK10606, Issued March 28, 2002. Ex 5985, Project No. 04NK0226, issued March 28, 2003. UL letter dated March 8, 2006.

**Description –** For protection of light hazard attic spaces of wood truss or open wood joist construction with saddle type roofs in buildings 20 to 60 ft in width and not exceeding a protection area of 400 ft' per sprinkler when installed in accordance with the manufacturer's installation and design parameter instructions.

SIN	Type	K-Factor	Temp. Ratings	Finishes
TY3180	Back to Back (BB1), Quick Response, Extended Coverage Spacing, Fusible Link Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	5.6	212°F	Natural Brass
TY3181	Back to Back (BB2), Quick Response, Extended Coverage Spacing, Fusible Link Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	5.6	212°F	Natural Brass
TY3182	Back to Back (BB3), Quick Response, Extended Coverage Spacing, Fusible Link Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	5.6	212°F	Natural Brass
TY3183	Side Directional (SD1), Quick Response, Extended Coverage Spacing, Fusible Link	5.6	212°F	Natural Brass

	Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi			
TY3184	Side Directional (SD2), Quick Response, Extended Coverage Spacing, Fusible Link Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	5.6	212°F	Natural Brass
TY3185	Side Directional (SD3), Quick Response, Extended Coverage Spacing, Fusible Link Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	5.6	212°F	Natural Brass
TY3187	HIP, Quick Response, Extended Coverage Spacing, 3mm Bulb Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	5.6	200°F	Natural Brass
TY4180	Back to Back (BB1), Quick Response, Extended Coverage Spacing, 3mm Bulb Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	8.0	200°F	Natural Brass
TY4181	Back to Back (BB2), Quick Response, Extended Coverage Spacing, 3mm Bulb Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	8.0	200°F	Natural Brass
TY4182	Back to Back (BB3), Quick Response, Extended Coverage Spacing, 3mm Bulb Type Specific Application Attic Sprinkler with Maximum Rated Pressure of 175 psi	8.0	200°F	Natural Brass

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992. The Bureau of Fire Prevention has no objections Letter dated April 13 2006, F.P. Index 0603058.

**Terms and Conditions:** The above units be accepted on condition that:

1. All uses, applications and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17-2. Further, the installation shall be in accordance with the manufacturer's recommendation, UL listing requirements and UL Standard 199.
2. The installation criteria for each sprinkler head as referenced in UL test report (File Ex5985, indicating roof pitch, maximum width, maximum length, minimum flow, orifice size, etc.) shall be included and printed as part of the installation manual for each of the above referenced product.
3. UL and manufacturer's maintenance procedures and limitations shall be complied with.

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

Final Acceptance June 12, 2006

Examined By Donald Gottfried (SD)