



# Sprinklers

## PRODUCT CATALOGUE

### Special Sprinklers



## Special Sprinklers

| Model     | SIN Number             | Orientation               | Thread size | K-Factor    | Operating element | Specifications                                 | Data Sheet             |
|-----------|------------------------|---------------------------|-------------|-------------|-------------------|------------------------------------------------|------------------------|
| BB1       | <a href="#">TY2180</a> | Attic Back to Back        | 1/2"        | K-(4.2) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB2       | <a href="#">TY2181</a> | Attic Back to Back        | 1/2"        | K-(4.2) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB3       | <a href="#">TY2182</a> | Attic Back to Back        | 1/2"        | K-(4.2) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB1       | <a href="#">TY3180</a> | Attic Back to Back        | 1/2"        | K-(5.6) IMP | Solder            | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB2       | <a href="#">TY3181</a> | Attic Back to Back        | 1/2"        | K-(5.6) IMP | Solder            | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB3       | <a href="#">TY3182</a> | Attic Back to Back        | 1/2"        | K-(5.6) IMP | Solder            | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB1       | <a href="#">TY4180</a> | Attic Back to Back        | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB2       | <a href="#">TY4181</a> | Attic Back to Back        | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| BB3       | <a href="#">TY4182</a> | Attic Back to Back        | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| SD1       | <a href="#">TY3183</a> | Attic Single Directional  | 1/2"        | K-(5.6) IMP | Solder            | For Protecting Attics                          | <a href="#">TFP610</a> |
| SD2       | <a href="#">TY3184</a> | Attic Single Directional  | 1/2"        | K-(5.6) IMP | Solder            | For Protecting Attics                          | <a href="#">TFP610</a> |
| SD3       | <a href="#">TY3185</a> | Attic Single Directional  | 1/2"        | K-(5.6) IMP | Solder            | For Protecting Attics                          | <a href="#">TFP610</a> |
| HIP       | <a href="#">TY3187</a> | Attic HIP                 | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| AP        | <a href="#">TY2190</a> | Attic Plus                | 1/2"        | K-(4.2) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| AP        | <a href="#">TY3190</a> | Attic Plus                | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | For Protecting Attics                          | <a href="#">TFP610</a> |
| WS        | <a href="#">TY3388</a> | Horizontal Sidewall       | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Window                                         | <a href="#">TFP620</a> |
| WS        | <a href="#">TY3488</a> | Pendent                   | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Window                                         | <a href="#">TFP620</a> |
| CWS       | <a href="#">TY3498</a> | Pendent Vertical Sidewall | 1/2"        | K-(5.6) IMP | Solder            | Window                                         | <a href="#">TFP621</a> |
| CC3       | <a href="#">TY2199</a> | Upright                   | 1/2"        | K-(4.2) IMP | 3 mm Bulb         | Combustible Concealed Space                    | <a href="#">TFP633</a> |
| CC3       | <a href="#">TY3199</a> | Upright                   | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Combustible Concealed Space                    | <a href="#">TFP633</a> |
| RAVEN STU | <a href="#">TY1281</a> | Pendent                   | 1/2"        | K-(5.6) IMP | Solder            | RAVEN Studio, Standard Coverage                | <a href="#">TFP658</a> |
| RAVEN STU | <a href="#">TY1381</a> | Horizontal Sidewall       | 1/2"        | K-(5.6) IMP | Solder            | RAVEN Studio, Standard Coverage                | <a href="#">TFP658</a> |
| RAVEN STU | <a href="#">TY1282</a> | Pendent                   | 1/2"        | K-(5.6) IMP | Solder            | RAVEN Studio, Extended Coverage                | <a href="#">TFP658</a> |
| RAVEN STU | <a href="#">TY1382</a> | Horizontal Sidewall       | 1/2"        | K-(5.6) IMP | Solder            | RAVEN Studio, Extended Coverage                | <a href="#">TFP658</a> |
| POLY SS   | <a href="#">TY3151</a> | Upright                   | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Poly StainlessSteel Gray Alu Standard Response | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY3251</a> | Pendent                   | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Poly StainlessSteel Gray Alu Standard Response | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY3351</a> | Horizontal Sidewall       | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Poly StainlessSteel Gray Alu Standard Response | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY3131</a> | Upright                   | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Poly StainlessSteel Gray Alu Quick Response    | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY3231</a> | Pendent                   | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Poly StainlessSteel Gray Alu Quick Response    | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY3331</a> | Horizontal Sidewall       | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Poly StainlessSteel Gray Alu Quick Response    | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY4151</a> | Upright                   | 3/4"        | K-(8.0) IMP | 5 mm Bulb         | Poly StainlessSteel Gray Alu Standard Response | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY4251</a> | Pendent                   | 3/4"        | K-(8.0) IMP | 5 mm Bulb         | Poly StainlessSteel Gray Alu Standard Response | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY4131</a> | Upright                   | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | Poly StainlessSteel Gray Alu Quick Response    | <a href="#">TFP682</a> |
| POLY SS   | <a href="#">TY4231</a> | Pendent                   | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | Poly StainlessSteel Gray Alu Quick Response    | <a href="#">TFP682</a> |

## Special Sprinklers

| Model    | SIN Number             | Orientation              | Thread size | K-Factor    | Operating element | Specifications                          | Data Sheet             |
|----------|------------------------|--------------------------|-------------|-------------|-------------------|-----------------------------------------|------------------------|
| TY-B     | <a href="#">TY365</a>  | Conventional (Old Style) | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Standard Response                       | <a href="#">TFP662</a> |
| TY-B     | <a href="#">TY3651</a> | Conventional (Old Style) | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Standard Response                       | <a href="#">TFP661</a> |
| TY-B     | <a href="#">TY4651</a> | Conventional (Old Style) | 3/4"        | K-(8.0) IMP | 5 mm Bulb         | Standard Response                       | <a href="#">TFP661</a> |
| TY-B (S) | <a href="#">TY3641</a> | Conventional (Old Style) | 1/2"        | K-(5.6) IMP | 4 mm Bulb         | Special Response, Standard Coverage     | <a href="#">TFP663</a> |
| TY-B (S) | <a href="#">TY4641</a> | Conventional (Old Style) | 3/4"        | K-(8.0) IMP | 4 mm Bulb         | Special Response, Standard Coverage     | <a href="#">TFP663</a> |
| TY-FRB   | <a href="#">TY363</a>  | Conventional (Old Style) | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Quick Response                          | <a href="#">TFP667</a> |
| TY-B     | <a href="#">TY3631</a> | Conventional (Old Style) | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Quick Response                          | <a href="#">TFP666</a> |
| TY-FRB   | <a href="#">TY4631</a> | Conventional (Old Style) | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | Quick Response                          | <a href="#">TFP666</a> |
| RAVEN    | <a href="#">TY3281</a> | Pendent                  | 1/2"        | K-(5.6) IMP | Solder            | Quick Response, Standard Coverage       | <a href="#">TFP651</a> |
| RAVEN    | <a href="#">TY3381</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | Solder            | Quick Response, Standard Coverage       | <a href="#">TFP651</a> |
| RAVEN    | <a href="#">TY3282</a> | Pendent EC               | 1/2"        | K-(5.6) IMP | Solder            | Quick Response, Extended Coverage       | <a href="#">TFP651</a> |
| RAVEN    | <a href="#">TY3382</a> | Horizontal Sidewall EC   | 1/2"        | K-(5.6) IMP | Solder            | Quick Response, Extended Coverage       | <a href="#">TFP651</a> |
| TFP PH2  | <a href="#">TY3290</a> | Pendent                  | 1/2"        | K-(5.6) IMP | Solder            | Standard Response, Standard Coverage    | <a href="#">TFP650</a> |
| TFP PH2  | <a href="#">TY3390</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | Solder            | Standard Response, Standard Coverage    | <a href="#">TFP654</a> |
| TY-L     | <a href="#">TY3280</a> | Pendent                  | 1/2"        | K-(5.6) IMP | Solder            | Stainless Steel, Standard Response,     | <a href="#">TFP683</a> |
| TY-L     | <a href="#">TY4280</a> | Pendent                  | 3/4"        | K-(8.0) IMP | Solder            | Stainless Steel, Standard Response,     | <a href="#">TFP683</a> |
| TY-B     | <a href="#">TY8191</a> | Upright                  | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8291</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY9191</a> | Upright                  | 3/4"        | K-(8.0) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY9291</a> | Pendent                  | 3/4"        | K-(8.0) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8391</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8491</a> | Vertical Sidewall        | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8691</a> | Conventional Upright     | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY9691</a> | Conventional Upright     | 3/4"        | K-(8.0) IMP | 5 mm Bulb         | Stainless Steel, Standard Response,     | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8181</a> | Upright                  | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8281</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY9181</a> | Upright                  | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY9281</a> | Pendent                  | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8381</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8481</a> | Vertical Sidewall        | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8681</a> | Conventional Upright     | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY9681</a> | Conventional Upright     | 3/4"        | K-(8.0) IMP | 3 mm Bulb         | Stainless Steel, Quick Response,        | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8192</a> | Upright                  | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | SMO (254 Duplex SS), Standard Response, | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8292</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | SMO (254 Duplex SS), Standard Response, | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8392</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | SMO (254 Duplex SS), Standard Response, | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8492</a> | Vertical Sidewall        | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | SMO (254 Duplex SS), Standard Response, | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8692</a> | Conventional Upright     | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | SMO (254 Duplex SS), Standard Response, | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8182</a> | Upright                  | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | SMO (254 Duplex SS), Quick Response,    | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8282</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | SMO (254 Duplex SS), Quick Response,    | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8382</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | SMO (254 Duplex SS), Quick Response,    | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8482</a> | Vertical Sidewall        | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | SMO (254 Duplex SS), Quick Response,    | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8682</a> | Conventional Upright     | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | SMO (254 Duplex SS), Quick Response,    | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8193</a> | Upright                  | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Titanium, Standard Response,            | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8293</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Titanium, Standard Response,            | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8393</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Titanium, Standard Response,            | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8493</a> | Vertical Sidewall        | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Titanium, Standard Response,            | <a href="#">TFP680</a> |
| TY-B     | <a href="#">TY8693</a> | Conventional Upright     | 1/2"        | K-(5.6) IMP | 5 mm Bulb         | Titanium, Standard Response,            | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8183</a> | Upright                  | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Titanium, Quick Response,               | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8283</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Titanium, Quick Response,               | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8383</a> | Horizontal Sidewall      | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Titanium, Quick Response,               | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8483</a> | Vertical Sidewall        | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Titanium, Quick Response,               | <a href="#">TFP680</a> |
| TY-FRB   | <a href="#">TY8683</a> | Conventional Upright     | 1/2"        | K-(5.6) IMP | 3 mm Bulb         | Titanium, Quick Response,               | <a href="#">TFP680</a> |
| IQD      | <a href="#">TY3191</a> | Upright                  | 1/2"        | K-(5.6) IMP | 11 mm Bulb        | High Temperature, Standard Coverage     | <a href="#">TFP690</a> |
| IQD      | <a href="#">TY3296</a> | Pendent                  | 1/2"        | K-(5.6) IMP | 11 mm Bulb        | High Temperature, Standard Coverage     | <a href="#">TFP690</a> |
| IQD      | <a href="#">TY4191</a> | Upright                  | 3/4"        | K-(8.0) IMP | 11 mm Bulb        | High Temperature, Standard Coverage     | <a href="#">TFP690</a> |
| IQD      | <a href="#">TY4292</a> | Pendent                  | 3/4"        | K-(8.0) IMP | 11 mm Bulb        | High Temperature, Standard Coverage     | <a href="#">TFP690</a> |

# Special Sprinklers

**FAST RESPONSE**

**tyco**

## BB, SD, HIP, AND AP – FOR PROTECTING ATTICS

Protecting Attics

### Attic Back to Back, Roof Span 20° – K-Factor (4.2) IMP, 3mm Bulb

| Model | SIN NUMBER | THREAD SIZE      | K-FACTOR    | FINISH        | TEMP - °C /°F | PART NUMBER  |
|-------|------------|------------------|-------------|---------------|---------------|--------------|
| BB1   | TY2180     | 1/2" NPT<br>15mm | K-(4.2) IMP | Natural Brass | 93°C/200°F    | 50-620-1-200 |
| BB2   | TY2181     |                  |             |               |               | 50-621-1-200 |
| BB3   | TY2182     |                  |             |               |               | 50-622-1-200 |

### Attic Back to Back, Roof Span 20° TO 40° – K-Factor (5.6) IMP, Saddle

| Model | SIN NUMBER | THREAD SIZE      | K-FACTOR    | FINISH        | TEMP - °C /°F | PART NUMBER  |
|-------|------------|------------------|-------------|---------------|---------------|--------------|
| BB1   | TY3180     | 1/2" NPT<br>15mm | K-(5.6) IMP | Natural Brass | 100°C/212°F   | 50-601-1-212 |
| BB2   | TY3181     |                  |             |               |               | 50-602-1-212 |
| BB3   | TY3182     |                  |             |               |               | 50-602-1-212 |

### Attic Back to Back, Roof Span 60° – K-Factor (8.0) IMP, 3mm Bulb

| Model | SIN NUMBER | THREAD SIZE      | K-FACTOR    | FINISH        | TEMP - °C /°F | PART NUMBER  |
|-------|------------|------------------|-------------|---------------|---------------|--------------|
| BB1   | TY4180     | 3/4" NPT<br>20mm | K-(8.0) IMP | Natural Brass | 93°C/200°F    | 51-623-1-200 |
| BB2   | TY4181     |                  |             |               |               | 51-621-1-200 |
| BB3   | TY4182     |                  |             |               |               | 51-622-1-200 |

### Attic Single Directional, Roof Span 10° TO 40° – K-Factor (5.6) IMP, Saddle

| Model | SIN NUMBER | THREAD SIZE      | K-FACTOR    | FINISH        | TEMP - °C /°F | PART NUMBER  |
|-------|------------|------------------|-------------|---------------|---------------|--------------|
| SD1   | TY3183     | 1/2" NPT<br>15mm | K-(5.6) IMP | Natural Brass | 100°C/212°F   | 50-611-1-212 |
| SD2   | TY3184     |                  |             |               |               | 50-612-1-212 |
| SD3   | TY3185     |                  |             |               |               | 50-613-1-212 |

### Attic Plus, Roof Span – 3mm Bulb

| Model | SIN NUMBER | THREAD SIZE      | K-FACTOR    | FINISH        | TEMP - °C /°F | PART NUMBER  |
|-------|------------|------------------|-------------|---------------|---------------|--------------|
| HIP   | TY3187     | 1/2" NPT<br>15mm | K-(5.6) IMP | Natural Brass | 93°C/200°F    | 51-620-1-200 |
| AP    | TY2190     |                  | K-(4.2) IMP |               |               | 50-625-1-200 |
| AP    | TY3190     |                  | K-(5.6) IMP |               |               | 50-624-1-200 |



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TFP610

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# Special Sprinklers

**FAST RESPONSE**

**tyco**

## WS – WINDOW SPRINKLERS, 3mm Glass Bulb Type

Horizontal and Pendent Vertical Sidewall

| K-Factor (5.6) IMP – Fast Response – WS Horizontal Sidewall Window |                     |                  |                            |                                                      |               |                                                              |
|--------------------------------------------------------------------|---------------------|------------------|----------------------------|------------------------------------------------------|---------------|--------------------------------------------------------------|
| SIN NUMBER                                                         | ORIENTATION         | THREAD SIZE      | K-FACTOR                   | FINISH                                               | TEMP – °C /°F | PART NUMBER                                                  |
| TY3388                                                             | Horizontal Sidewall | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass<br>Chrome<br>Signal White<br>Jet Black | 68°C/155°F    | 50-305-1-155<br>50-305-9-155<br>50-305-4-155<br>50-305-5-155 |
|                                                                    |                     |                  |                            | Natural Brass<br>Chrome<br>Signal White<br>Jet Black | 93°C/200°F    | 50-305-1-200<br>50-305-9-200<br>50-305-4-200<br>50-305-5-200 |



| K-Factor (5.6) IMP – Fast Response – WS Pendent Vertical Sidewall Window |                           |                  |                            |                                                      |               |                                                              |
|--------------------------------------------------------------------------|---------------------------|------------------|----------------------------|------------------------------------------------------|---------------|--------------------------------------------------------------|
| SIN NUMBER                                                               | ORIENTATION               | THREAD SIZE      | K-FACTOR                   | FINISH                                               | TEMP – °C /°F | PART NUMBER                                                  |
| TY3488                                                                   | Pendent Vertical Sidewall | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass<br>Chrome<br>Signal White<br>Jet Black | 68°C/155°F    | 50-304-1-155<br>50-304-9-155<br>50-304-4-155<br>50-304-5-155 |
|                                                                          |                           |                  |                            | Natural Brass<br>Chrome<br>Signal White<br>Jet Black | 93°C/200°F    | 50-304-1-200<br>50-304-9-200<br>50-304-4-200<br>50-304-5-200 |



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# Special Sprinklers

**FAST RESPONSE**

**tyco**

## CWS – WINDOW SPRINKLERS, SOLDER

Concealed Pendent Vertical Sidewall Window

| K-Factor (5.6) IMP – Fast Response – CWS Horizontal Sidewall Window |                     |                  |                                                                                                                                                                                                                        |        |               |                                                                                                                                                                              |
|---------------------------------------------------------------------|---------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SIN NUMBER                                                          | ORIENTATION         | THREAD SIZE      | K-FACTOR                                                                                                                                                                                                               | FINISH | TEMP – °C /°F | PART NUMBER                                                                                                                                                                  |
| TY3498                                                              | Horizontal Sidewall | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET                                                                                                                                                                                             | Brass  | 71°C/160°F    | 50-630-0-160                                                                                                                                                                 |
|                                                                     |                     |                  |                                                                                                                                                                                                                        |        | 100°C/212°F   | 50-630-0-212                                                                                                                                                                 |
| Cover Plate Assemblies<br>For use with 160°F (71°C) sprinklers      |                     |                  | Ivory (RAL1015)<br>Bright Chrome<br>Beige (RAL1001)<br>Pure White (RAL9010)<br>Signal White (RAL9003)<br>Brown (RAL8028)<br>Black (RAL9005)<br>Brushed Brass<br>Brushed Chrome<br>Custom Paint                         |        | 59°C/139°F    | 56-214-0-135<br>56-214-1-135<br>56-214-2-135<br>56-214-3-135<br>56-214-4-135<br>56-214-6-135<br>56-214-7-135<br>56-214-8-135<br>56-214-9-135<br>56-214-X-135                 |
| Cover Plate Assemblies<br>For use with 212°F (100°C) sprinklers     |                     |                  | Ivory (RAL1015)<br>Bright Chrome<br>Beige (RAL1001)<br>Pure White (RAL9010)<br>Signal White (RAL9003)<br>Gray White (RAL9002)<br>Brown (RAL8028)<br>Black (RAL9005)<br>Brushed Brass<br>Brushed Chrome<br>Custom Paint |        | 74°C/165°F    | 56-214-0-165<br>56-214-1-165<br>56-214-2-165<br>56-214-3-165<br>56-214-4-165<br>56-214-5-165<br>56-214-6-165<br>56-214-7-165<br>56-214-8-165<br>56-214-9-165<br>56-214-X-165 |



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# Special Sprinklers

**FAST RESPONSE**



## CC3 – COMBUSTIBLE CONCEALED, Glass Bulb Type

Combustible Concealed, Upright

| K-Factor (5.6) IMP – Fast Response – CWS Horizontal Sidewall Window |             |                  |                            |        |               |              |
|---------------------------------------------------------------------|-------------|------------------|----------------------------|--------|---------------|--------------|
| SIN NUMBER                                                          | ORIENTATION | THREAD SIZE      | K-FACTOR                   | FINISH | TEMP – °C /°F | PART NUMBER  |
| TY2199                                                              | Upright     | 1/2" NPT<br>15mm | K-(4.2) IMP                | Brass  | 93°C/200°F    | 51-311-T-200 |
| TY3199                                                              |             |                  | K-(5.6) IMP<br>K-(8.0) MET |        |               | 51-301-T-200 |



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# Special Sprinklers

## QUICK RESPONSE



## RAVEN STUDIO – STUDIO SPRINKLERS, SOLDER

Flush Pendent and Horizontal Sidewall

### Flush – K-Factor (5.6) IMP – Standard Coverage

| SIN NUMBER | ORIENTATION            | THREAD SIZE      | K-FACTOR                   | FINISH                        | TEMP - °C /°F | PART NUMBER                                  |
|------------|------------------------|------------------|----------------------------|-------------------------------|---------------|----------------------------------------------|
| TY1281     | Pendent                | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | White<br>Gray<br>Custom Color | 74°C/165°F    | 50-310-4-165<br>50-310-9-165<br>50-310-X-165 |
| TY1381     | Horizontal<br>Sidewall |                  |                            | White<br>Gray<br>Custom Color |               | 50-312-4-165<br>50-312-9-165<br>50-312-X-165 |



### EX Flush – K-Factor (5.6) IMP – Extended Coverage

| SIN NUMBER | ORIENTATION            | THREAD SIZE      | K-FACTOR                   | FINISH                        | TEMP - °C /°F | PART NUMBER                                  |
|------------|------------------------|------------------|----------------------------|-------------------------------|---------------|----------------------------------------------|
| TY1282     | Pendent                | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | White<br>Gray<br>Custom Color | 74°C/165°F    | 50-311-4-165<br>50-311-9-165<br>50-311-X-165 |
| TY1382     | Horizontal<br>Sidewall |                  |                            | White<br>Gray<br>Custom Color |               | 50-318-4-165<br>50-318-9-165<br>50-318-X-165 |



### Style J Escutcheons (3 Inch Diameter)

| Carbon Steel |              | Stainless Steel |              |
|--------------|--------------|-----------------|--------------|
| White        | 56-306-4-010 | White           | 56-307-4-010 |
| Gray         | 56-306-7-010 | Gray            | 56-307-7-010 |
| Chrome       | 56-306-9-010 | Electropolish   | 56-307-9-010 |
| Primed White | 56-306-0-004 | Primed White    | 56-307-0-004 |
| Primed Gray  | 56-306-0-007 | Primed Gray     | 56-307-0-007 |
| Custom Color | 56-306-X-010 |                 |              |

### CPVC Sprinkler Adapter Fittings

|                                        |       |
|----------------------------------------|-------|
| 90° Elbow<br>1 in. x ISO 228 G3/8 in.  | 82198 |
| Tee<br>1 in. x 1 in. x ISO 228 G3/8 in | 82251 |

### Thread Adapters

|                           |               |
|---------------------------|---------------|
| Short 3/4 in. (19 mm)     | 91-310-0-075P |
| Standard 1 in. (25 mm)    | 91-310-0-100P |
| Medium 1-1/2 in. (38 mm)  | 91-310-0-150P |
| Long 2 in. (50 mm) Primed | 91-310-0-200P |

### Style K Escutcheons (4 Inch Diameter)

| Carbon Steel |              | Stainless Steel |              |
|--------------|--------------|-----------------|--------------|
| White        | 56-308-4-010 | White           | 56-309-4-010 |
| Gray         | 56-308-7-010 | Gray            | 56-309-7-010 |
| Chrome       | 56-308-9-010 | Electropolish   | 56-309-9-010 |
| Primed White | 56-308-0-004 | Primed White    | 56-309-0-004 |
| Primed Gray  | 56-308-0-007 | Primed Gray     | 56-309-0-007 |

### Sprinkler Installation Tools

|                  |              |
|------------------|--------------|
| Finished Surface | 56-100-0-355 |
| Rough-in         | 56-100-0-365 |



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# Special Sprinklers



## POLY STAINLESS STEEL, Glass Bulb Type

Upright, Pendent, Horizontal Sidewall

| K-Factor (5.6) IMP - Standard Coverage, Standard Response |                        |                  |                            |                                                      |                                                                        |                                                                                              |
|-----------------------------------------------------------|------------------------|------------------|----------------------------|------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| SIN NUMBER                                                | ORIENTATION            | THREAD SIZE      | K-FACTOR                   | FINISH                                               | TEMP - °C /°F                                                          | PART NUMBER                                                                                  |
| TY3151                                                    | Upright                | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Poly Stainless<br>Steel Gray<br>Aluminum<br>RAL 9007 | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-570-2-135<br>57-570-2-165<br>57-570-2-175<br>57-570-2-200<br>57-570-2-286<br>57-570-2-360 |
| TY3251                                                    | Pendent                |                  |                            |                                                      | 68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360             | 57-571-2-135<br>57-571-2-165<br>57-571-2-175<br>57-571-2-200<br>57-571-2-286<br>57-571-2-360 |
| TY3351                                                    | Horizontal<br>Sidewall |                  |                            |                                                      | 68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360             | 57-578-2-135<br>57-578-2-165<br>57-578-2-175<br>57-578-2-200<br>57-578-2-286<br>57-578-2-360 |



| K-Factor (5.6) IMP - Standard Coverage, Quick Response |                        |                  |                            |                                                      |                                                                        |                                                                                              |
|--------------------------------------------------------|------------------------|------------------|----------------------------|------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| SIN NUMBER                                             | ORIENTATION            | THREAD SIZE      | K-FACTOR                   | FINISH                                               | TEMP - °C /°F                                                          | PART NUMBER                                                                                  |
| TY3131                                                 | Upright                | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Poly Stainless<br>Steel Gray<br>Aluminum<br>RAL 9007 | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-370-2-135<br>57-370-2-165<br>57-370-2-175<br>57-370-2-200<br>57-370-2-286<br>57-370-2-360 |
| TY3231                                                 | Pendent                |                  |                            |                                                      | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-371-2-135<br>57-371-2-165<br>57-371-2-175<br>57-371-2-200<br>57-371-2-286<br>57-371-2-360 |
| TY3331                                                 | Horizontal<br>Sidewall |                  |                            |                                                      | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-378-2-135<br>57-378-2-165<br>57-378-2-175<br>57-378-2-200<br>57-378-2-286<br>57-378-2-360 |



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# Special Sprinklers



## POLY STAINLESS STEEL, Glass Bulb Type

Upright, Pendent, Horizontal Sidewall

| K-Factor (8.0) IMP - Standard Coverage, Standard Response |             |                  |                             |                                                      |               |              |
|-----------------------------------------------------------|-------------|------------------|-----------------------------|------------------------------------------------------|---------------|--------------|
| SIN NUMBER                                                | ORIENTATION | THREAD SIZE      | K-FACTOR                    | FINISH                                               | TEMP - °C /°F | PART NUMBER  |
| TY4151                                                    | Upright     | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Poly Stainless<br>Steel Gray<br>Aluminum<br>RAL 9007 | 57 / 135      | 57-590-2-135 |
|                                                           |             |                  |                             |                                                      | 68 / 155      | 57-590-2-165 |
|                                                           |             |                  |                             |                                                      | 79 / 175      | 57-590-2-175 |
|                                                           |             |                  |                             |                                                      | 93 / 200      | 57-590-2-200 |
|                                                           |             |                  |                             |                                                      | 141 / 286     | 57-590-2-286 |
|                                                           |             |                  |                             |                                                      | 182 / 360     | 57-590-2-360 |
| TY4251                                                    | Pendent     |                  |                             |                                                      | 68 / 155      | 57-591-2-135 |
|                                                           |             |                  |                             |                                                      | 79 / 175      | 57-591-2-165 |
|                                                           |             |                  |                             |                                                      | 93 / 200      | 57-591-2-175 |
|                                                           |             |                  |                             |                                                      | 141 / 286     | 57-591-2-200 |
|                                                           |             |                  |                             |                                                      | 182 / 360     | 57-591-2-286 |
|                                                           |             |                  |                             |                                                      |               | 57-591-2-360 |



| K-Factor (8.0) IMP - Standard Coverage, Quick Response |             |                  |                             |                                                      |               |              |
|--------------------------------------------------------|-------------|------------------|-----------------------------|------------------------------------------------------|---------------|--------------|
| SIN NUMBER                                             | ORIENTATION | THREAD SIZE      | K-FACTOR                    | FINISH                                               | TEMP - °C /°F | PART NUMBER  |
| TY4131                                                 | Upright     | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Poly Stainless<br>Steel Gray<br>Aluminum<br>RAL 9007 | 57 / 135      | 57-390-2-135 |
|                                                        |             |                  |                             |                                                      | 68 / 155      | 57-390-2-165 |
|                                                        |             |                  |                             |                                                      | 79 / 175      | 57-390-2-175 |
|                                                        |             |                  |                             |                                                      | 93 / 200      | 57-390-2-200 |
|                                                        |             |                  |                             |                                                      | 141 / 286     | 57-390-2-286 |
|                                                        |             |                  |                             |                                                      | 182 / 360     | 57-390-2-360 |
| TY4231                                                 | Pendent     |                  |                             |                                                      | 57 / 135      | 57-391-2-135 |
|                                                        |             |                  |                             |                                                      | 68 / 155      | 57-391-2-165 |
|                                                        |             |                  |                             |                                                      | 79 / 175      | 57-391-2-175 |
|                                                        |             |                  |                             |                                                      | 93 / 200      | 57-391-2-200 |
|                                                        |             |                  |                             |                                                      | 141 / 286     | 57-391-2-286 |
|                                                        |             |                  |                             |                                                      | 182 / 360     | 57-371-2-360 |



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# Special Sprinklers

## STANDARD RESPONSE



### TY-B, CONVENTIONAL – 5mm Glass Bulb Type conventional (Old Style)

| K-Factor (5.6) IMP – Standard Response |                             |             |                            |                                        |               |              |
|----------------------------------------|-----------------------------|-------------|----------------------------|----------------------------------------|---------------|--------------|
| SIN NUMBER                             | ORIENTATION                 | THREAD SIZE | K-FACTOR                   | FINISH                                 | TEMP – °C /°F | PART NUMBER  |
| TY365                                  | Conventional<br>(Old Style) | 1/2"        | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass                          | 57 / 135      | 77-573-1-135 |
|                                        |                             |             |                            |                                        | 68 / 155      | 77-573-1-165 |
|                                        |                             |             |                            |                                        | 79 / 175      | 77-573-1-175 |
|                                        |                             |             |                            |                                        | 93 / 200      | 77-573-1-200 |
|                                        |                             |             |                            |                                        | 141 / 286     | 77-573-1-286 |
|                                        |                             |             |                            |                                        | 182 / 360     | 77-573-1-360 |
|                                        |                             |             |                            | Chrome<br>Plated                       | 57 / 135      | 77-573-9-135 |
|                                        |                             |             |                            |                                        | 68 / 155      | 77-573-9-165 |
|                                        |                             |             |                            |                                        | 79 / 175      | 77-573-9-175 |
|                                        |                             |             |                            |                                        | 93 / 200      | 77-573-9-200 |
|                                        |                             |             |                            |                                        | 141 / 286     | 77-573-9-286 |
|                                        |                             |             |                            |                                        | 182 / 360     | 77-573-9-360 |
|                                        |                             |             |                            | Signal White<br>(RAL9003)<br>Polyester | 57 / 135      | 77-573-4-135 |
|                                        |                             |             |                            |                                        | 68 / 155      | 77-573-4-165 |
|                                        |                             |             |                            |                                        | 79 / 175      | 77-573-4-175 |
|                                        |                             |             |                            |                                        | 93 / 200      | 77-573-4-200 |
|                                        |                             |             |                            | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135      | 77-573-3-135 |
|                                        |                             |             |                            |                                        | 68 / 155      | 77-573-3-165 |
|                                        |                             |             |                            |                                        | 79 / 175      | 77-573-3-175 |
|                                        |                             |             |                            |                                        | 93 / 200      | 77-573-3-200 |
|                                        |                             |             |                            |                                        | 141 / 286     | 77-573-3-286 |
|                                        |                             |             |                            |                                        | 182 / 360     | 77-573-3-360 |



Notes:

\* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-77-570-1-135)



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# Special Sprinklers

## STANDARD RESPONSE



### TY-B, CONVENTIONAL – 5mm Glass Bulb Type conventional (Old Style)

| K-Factor (5.6) IMP – Standard Response |                             |                  |                            |                                        |               |              |
|----------------------------------------|-----------------------------|------------------|----------------------------|----------------------------------------|---------------|--------------|
| SIN NUMBER                             | ORIENTATION                 | THREAD SIZE      | K-FACTOR                   | FINISH                                 | TEMP – °C /°F | PART NUMBER  |
| TY3651                                 | Conventional<br>(Old Style) | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass                          | 57 / 135      | 57-573-1-135 |
|                                        |                             |                  |                            |                                        | 68 / 155      | 57-573-1-155 |
|                                        |                             |                  |                            |                                        | 79 / 175      | 57-573-1-175 |
|                                        |                             |                  |                            |                                        | 93 / 200      | 57-573-1-200 |
|                                        |                             |                  |                            |                                        | 141 / 286     | 57-573-1-286 |
|                                        |                             |                  |                            |                                        | 182 / 360     | 57-573-1-360 |
|                                        |                             |                  |                            |                                        | OPEN*         | 57-573-1-000 |
|                                        |                             |                  |                            | Chrome<br>Plated                       | 57 / 135      | 57-573-9-135 |
|                                        |                             |                  |                            |                                        | 68 / 155      | 57-573-9-155 |
|                                        |                             |                  |                            |                                        | 79 / 175      | 57-573-9-175 |
|                                        |                             |                  |                            |                                        | 93 / 200      | 57-573-9-200 |
|                                        |                             |                  |                            |                                        | 141 / 286     | 57-573-9-286 |
|                                        |                             |                  |                            |                                        | 182 / 360     | 57-573-9-360 |
|                                        |                             |                  |                            |                                        | OPEN*         | 57-573-9-000 |
|                                        |                             |                  |                            | Signal White<br>(RAL9003)<br>Polyester | 57 / 135      | 57-573-4-135 |
|                                        |                             |                  |                            |                                        | 68 / 155      | 57-573-4-155 |
|                                        |                             |                  |                            |                                        | 79 / 175      | 57-573-4-175 |
|                                        |                             |                  |                            |                                        | 93 / 200      | 57-573-4-200 |
|                                        |                             |                  |                            |                                        | 141 / 286     | 57-573-4-286 |
|                                        |                             |                  |                            |                                        | 182 / 360     | 57-573-4-360 |
|                                        |                             |                  |                            |                                        | OPEN*         | 57-573-4-000 |
|                                        |                             |                  |                            | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135      | 57-573-3-135 |
|                                        |                             |                  |                            |                                        | 68 / 155      | 57-573-3-155 |
|                                        |                             |                  |                            |                                        | 79 / 175      | 57-573-3-175 |
|                                        |                             |                  |                            |                                        | 93 / 200      | 57-573-3-200 |
|                                        |                             |                  |                            |                                        | 141 / 286     | 57-573-3-286 |
|                                        |                             |                  |                            |                                        | 182 / 360     | 57-573-3-360 |
|                                        |                             |                  |                            |                                        | OPEN*         | 57-573-3-000 |
|                                        |                             |                  |                            | Wax Coated                             | 57 / 135      | 57-573-6-135 |
|                                        |                             |                  |                            |                                        | 68 / 155      | 57-573-6-155 |
|                                        |                             |                  |                            |                                        | 79 / 175      | 57-573-6-175 |
|                                        |                             |                  |                            |                                        | 93 / 200      | 57-573-6-200 |
|                                        |                             |                  |                            |                                        | 141 / 286     | 57-573-6-286 |



Notes:

\*Use in Deluge Systems (OPEN indicates sprinkler assembly without Glass Bulb, Button, and Sealing Assembly)



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# Special Sprinklers

## STANDARD RESPONSE



### TY-B, CONVENTIONAL – 5mm Glass Bulb Type conventional (Old Style)

| K-Factor (8.0) IMP - Standard Response |                             |             |                             |                                        |               |              |
|----------------------------------------|-----------------------------|-------------|-----------------------------|----------------------------------------|---------------|--------------|
| SIN NUMBER                             | ORIENTATION                 | THREAD SIZE | K-FACTOR                    | FINISH                                 | TEMP - °C /°F | PART NUMBER  |
| TY4651                                 | Conventional<br>(Old Style) | 3/4"        | K-(8.0) IMP<br>K-(11.0) MET | Natural Brass                          | 57 / 135      | 57-593-1-135 |
|                                        |                             |             |                             |                                        | 68 / 155      | 57-593-1-155 |
|                                        |                             |             |                             |                                        | 79 / 175      | 57-593-1-175 |
|                                        |                             |             |                             |                                        | 93 / 200      | 57-593-1-200 |
|                                        |                             |             |                             |                                        | 141 / 286     | 57-593-1-286 |
|                                        |                             |             |                             |                                        | 182 / 360     | 57-593-1-360 |
|                                        |                             |             |                             |                                        | OPEN*         | 57-593-1-000 |
|                                        |                             |             |                             | Chrome<br>Plated                       | 57 / 135      | 57-593-9-135 |
|                                        |                             |             |                             |                                        | 68 / 155      | 57-593-9-155 |
|                                        |                             |             |                             |                                        | 79 / 175      | 57-593-9-175 |
|                                        |                             |             |                             |                                        | 93 / 200      | 57-593-9-200 |
|                                        |                             |             |                             |                                        | 141 / 286     | 57-593-9-286 |
|                                        |                             |             |                             |                                        | 182 / 360     | 57-593-9-360 |
|                                        |                             |             |                             |                                        | OPEN*         | 57-593-9-000 |
|                                        |                             |             |                             | Signal White<br>(RAL9003)<br>Polyester | 57 / 135      | 57-593-4-135 |
|                                        |                             |             |                             |                                        | 68 / 155      | 57-593-4-155 |
|                                        |                             |             |                             |                                        | 79 / 175      | 57-593-4-175 |
|                                        |                             |             |                             |                                        | 93 / 200      | 57-593-4-200 |
|                                        |                             |             |                             |                                        | 141 / 286     | 57-593-4-286 |
|                                        |                             |             |                             |                                        | 182 / 360     | 57-593-4-360 |
|                                        |                             |             |                             |                                        | OPEN*         | 57-593-4-000 |
|                                        |                             |             |                             | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135      | 57-593-3-135 |
|                                        |                             |             |                             |                                        | 68 / 155      | 57-593-3-155 |
|                                        |                             |             |                             |                                        | 79 / 175      | 57-593-3-175 |
|                                        |                             |             |                             |                                        | 93 / 200      | 57-593-3-200 |
|                                        |                             |             |                             |                                        | 141 / 286     | 57-593-3-286 |
|                                        |                             |             |                             |                                        | 182 / 360     | 57-593-3-360 |
|                                        |                             |             |                             |                                        | OPEN*         | 57-593-3-000 |
|                                        |                             |             |                             | Wax Coated                             | 57 / 135      | 57-593-6-135 |
|                                        |                             |             |                             |                                        | 68 / 155      | 57-593-6-155 |
|                                        |                             |             |                             |                                        | 79 / 175      | 57-593-6-175 |
|                                        |                             |             |                             |                                        | 93 / 200      | 57-593-6-200 |
|                                        |                             |             |                             |                                        | 141 / 286     | 57-593-6-286 |



Notes:

\*Use in Deluge Systems (OPEN indicates sprinkler assembly without Glass Bulb, Button, and Sealing Assembly)



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# Special Sprinklers

## SPECIAL RESPONSE



### TY-B, CONVENTIONAL – 4mm Glass Bulb Type

conventional (Old Style – Special)

| K-Factor (5.6) IMP – Special Response |                                        |             |                            |                                        |                |              |
|---------------------------------------|----------------------------------------|-------------|----------------------------|----------------------------------------|----------------|--------------|
| SIN NUMBER                            | ORIENTATION                            | THREAD SIZE | K-FACTOR                   | FINISH                                 | TEMP – °C / °F | PART NUMBER  |
| TY364I                                | Conventional<br>(Old Style)<br>Special | 1/2"        | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass                          | 57 / 135       | 57-473-1-135 |
|                                       |                                        |             |                            |                                        | 68 / 155       | 57-473-1-135 |
|                                       |                                        |             |                            |                                        | 79 / 175       | 57-473-1-135 |
|                                       |                                        |             |                            |                                        | 93 / 200       | 57-473-1-135 |
|                                       |                                        |             |                            |                                        | 141 / 286      | 57-473-1-135 |
|                                       |                                        |             |                            | Chrome<br>Plated                       | 57 / 135       | 57-473-9-135 |
|                                       |                                        |             |                            |                                        | 68 / 155       | 57-473-9-135 |
|                                       |                                        |             |                            |                                        | 79 / 175       | 57-473-9-135 |
|                                       |                                        |             |                            |                                        | 93 / 200       | 57-473-9-135 |
|                                       |                                        |             |                            |                                        | 141 / 286      | 57-473-9-135 |
|                                       |                                        |             |                            | Signal White<br>(RAL9003)<br>Polyester | 57 / 135       | 57-473-4-135 |
|                                       |                                        |             |                            |                                        | 68 / 155       | 57-473-4-135 |
|                                       |                                        |             |                            |                                        | 79 / 175       | 57-473-4-135 |
|                                       |                                        |             |                            |                                        | 93 / 200       | 57-473-4-135 |
|                                       |                                        |             |                            |                                        | 141 / 286      | 57-473-4-135 |
|                                       |                                        |             |                            | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135       | 57-473-3-135 |
|                                       |                                        |             |                            |                                        | 68 / 155       | 57-473-3-135 |
|                                       |                                        |             |                            |                                        | 79 / 175       | 57-473-3-135 |
|                                       |                                        |             |                            |                                        | 93 / 200       | 57-473-3-135 |
|                                       |                                        |             |                            |                                        | 141 / 286      | 57-473-3-135 |



| K-Factor (8.0) IMP – Special Response |                                        |             |                             |                                        |                |              |
|---------------------------------------|----------------------------------------|-------------|-----------------------------|----------------------------------------|----------------|--------------|
| SIN NUMBER                            | ORIENTATION                            | THREAD SIZE | K-FACTOR                    | FINISH                                 | TEMP – °C / °F | PART NUMBER  |
| TY464I                                | Conventional<br>(Old Style)<br>Special | 3/4"        | K-(8.0) IMP<br>K-(11.0) MET | Natural Brass                          | 57 / 135       | 57-493-1-135 |
|                                       |                                        |             |                             |                                        | 68 / 155       | 57-493-1-135 |
|                                       |                                        |             |                             |                                        | 79 / 175       | 57-493-1-135 |
|                                       |                                        |             |                             |                                        | 93 / 200       | 57-493-1-135 |
|                                       |                                        |             |                             |                                        | 141 / 286      | 57-493-1-135 |
|                                       |                                        |             |                             | Chrome<br>Plated                       | 57 / 135       | 57-493-9-135 |
|                                       |                                        |             |                             |                                        | 68 / 155       | 57-493-9-135 |
|                                       |                                        |             |                             |                                        | 79 / 175       | 57-493-9-135 |
|                                       |                                        |             |                             |                                        | 93 / 200       | 57-493-9-135 |
|                                       |                                        |             |                             |                                        | 141 / 286      | 57-493-9-135 |
|                                       |                                        |             |                             | Signal White<br>(RAL9003)<br>Polyester | 57 / 135       | 57-493-4-135 |
|                                       |                                        |             |                             |                                        | 68 / 155       | 57-493-4-135 |
|                                       |                                        |             |                             |                                        | 79 / 175       | 57-493-4-135 |
|                                       |                                        |             |                             |                                        | 93 / 200       | 57-493-4-135 |
|                                       |                                        |             |                             |                                        | 141 / 286      | 57-493-4-135 |
|                                       |                                        |             |                             | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135       | 57-493-3-135 |
|                                       |                                        |             |                             |                                        | 68 / 155       | 57-493-3-135 |
|                                       |                                        |             |                             |                                        | 79 / 175       | 57-493-3-135 |
|                                       |                                        |             |                             |                                        | 93 / 200       | 57-493-3-135 |
|                                       |                                        |             |                             |                                        | 141 / 286      | 57-493-3-135 |



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# Special Sprinklers

**QUICK RESPONSE**

**tyco**

## TY-FRB, CONVENTIONAL – 3mm Glass Bulb Type conventional (Old Style)

| K-Factor (5.6) IMP – Quick Response |                             |             |                            |                                        |               |              |
|-------------------------------------|-----------------------------|-------------|----------------------------|----------------------------------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION                 | THREAD SIZE | K-FACTOR                   | FINISH                                 | TEMP – °C /°F | PART NUMBER  |
| TY363                               | Conventional<br>(Old Style) | 1/2"        | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass                          | 57 / 135      | 77-570-1-135 |
|                                     |                             |             |                            |                                        | 68 / 155      | 77-570-1-165 |
|                                     |                             |             |                            |                                        | 79 / 175      | 77-570-1-175 |
|                                     |                             |             |                            |                                        | 93 / 200      | 77-570-1-200 |
|                                     |                             |             |                            |                                        | 141 / 286     | 77-570-1-286 |
|                                     |                             |             |                            |                                        | 182 / 360     | 77-570-1-360 |
|                                     |                             |             |                            | Chrome<br>Plated                       | 57 / 135      | 77-570-9-135 |
|                                     |                             |             |                            |                                        | 68 / 155      | 77-570-9-165 |
|                                     |                             |             |                            |                                        | 79 / 175      | 77-570-9-175 |
|                                     |                             |             |                            |                                        | 93 / 200      | 77-570-9-200 |
|                                     |                             |             |                            |                                        | 141 / 286     | 77-570-9-286 |
|                                     |                             |             |                            |                                        | 182 / 360     | 77-570-9-360 |
|                                     |                             |             |                            | Signal White<br>(RAL9003)<br>Polyester | 57 / 135      | 77-570-4-135 |
|                                     |                             |             |                            |                                        | 68 / 155      | 77-570-4-165 |
|                                     |                             |             |                            |                                        | 79 / 175      | 77-570-4-175 |
|                                     |                             |             |                            |                                        | 93 / 200      | 77-570-4-200 |
|                                     |                             |             |                            | Pure White<br>(RAL9010)<br>Polyester   | 141 / 286     | 77-570-4-286 |
|                                     |                             |             |                            |                                        | 182 / 360     | 77-570-4-360 |
|                                     |                             |             |                            | Pure White<br>(RAL9010)<br>Polyester   | 141 / 286     | 77-570-3-286 |
|                                     |                             |             |                            |                                        |               |              |



Notes:

\* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-77-570-1-135)



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# Special Sprinklers

**QUICK RESPONSE**

**tyco**

## TY-B, CONVENTIONAL – 3mm Glass Bulb Type conventional (Old Style)

| K-Factor (5.6) IMP – Quick Response |                             |                  |                            |                                        |               |              |
|-------------------------------------|-----------------------------|------------------|----------------------------|----------------------------------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION                 | THREAD SIZE      | K-FACTOR                   | FINISH                                 | TEMP – °C /°F | PART NUMBER  |
| TY3631                              | Conventional<br>(Old Style) | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass                          | 57 / 135      | 57-373-1-135 |
|                                     |                             |                  |                            |                                        | 68 / 155      | 57-373-1-155 |
|                                     |                             |                  |                            |                                        | 79 / 175      | 57-373-1-175 |
|                                     |                             |                  |                            |                                        | 93 / 200      | 57-373-1-200 |
|                                     |                             |                  |                            |                                        | 141 / 286     | 57-373-1-286 |
|                                     |                             |                  |                            | Chrome<br>Plated                       | 57 / 135      | 57-373-9-135 |
|                                     |                             |                  |                            |                                        | 68 / 155      | 57-373-9-155 |
|                                     |                             |                  |                            |                                        | 79 / 175      | 57-373-9-175 |
|                                     |                             |                  |                            |                                        | 93 / 200      | 57-373-9-200 |
|                                     |                             |                  |                            |                                        | 141 / 286     | 57-373-9-286 |
|                                     |                             |                  |                            | Signal White<br>(RAL9003)<br>Polyester | 57 / 135      | 57-373-4-135 |
|                                     |                             |                  |                            |                                        | 68 / 155      | 57-373-4-155 |
|                                     |                             |                  |                            |                                        | 79 / 175      | 57-373-4-175 |
|                                     |                             |                  |                            |                                        | 93 / 200      | 57-373-4-200 |
|                                     |                             |                  |                            |                                        | 141 / 286     | 57-373-4-286 |
|                                     |                             |                  |                            | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135      | 57-373-3-135 |
|                                     |                             |                  |                            |                                        | 68 / 155      | 57-373-3-155 |
|                                     |                             |                  |                            |                                        | 79 / 175      | 57-373-3-175 |
|                                     |                             |                  |                            |                                        | 93 / 200      | 57-373-3-200 |
|                                     |                             |                  |                            |                                        | 141 / 286     | 57-373-3-286 |
|                                     |                             |                  |                            | Jet Black<br>(RAL9005)<br>Polyester    | 57 / 135      | 57-373-3-135 |
|                                     |                             |                  |                            |                                        | 68 / 155      | 57-373-3-155 |
|                                     |                             |                  |                            |                                        | 79 / 175      | 57-373-3-175 |
|                                     |                             |                  |                            |                                        | 93 / 200      | 57-373-3-200 |
|                                     |                             |                  |                            |                                        | 141 / 286     | 57-373-3-286 |



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# Special Sprinklers

**QUICK RESPONSE**

**tyco**

## TY-FRB, CONVENTIONAL – 3mm Glass Bulb Type conventional (Old Style)

| K-Factor (8.0) IMP – Quick Response |                             |             |                             |                                        |               |              |
|-------------------------------------|-----------------------------|-------------|-----------------------------|----------------------------------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION                 | THREAD SIZE | K-FACTOR                    | FINISH                                 | TEMP – °C /°F | PART NUMBER  |
| TY3631                              | Conventional<br>(Old Style) | 3/4"        | K-(8.0) IMP<br>K-(11.0) MET | Natural Brass                          | 57 / 135      | 57-393-1-135 |
|                                     |                             |             |                             |                                        | 68 / 155      | 57-393-1-155 |
|                                     |                             |             |                             |                                        | 79 / 175      | 57-393-1-175 |
|                                     |                             |             |                             |                                        | 93 / 200      | 57-393-1-200 |
|                                     |                             |             |                             |                                        | 141 / 286     | 57-393-1-286 |
|                                     |                             |             |                             | Chrome<br>Plated                       | 57 / 135      | 57-393-9-135 |
|                                     |                             |             |                             |                                        | 68 / 155      | 57-393-9-155 |
|                                     |                             |             |                             |                                        | 79 / 175      | 57-393-9-175 |
|                                     |                             |             |                             |                                        | 93 / 200      | 57-393-9-200 |
|                                     |                             |             |                             |                                        | 141 / 286     | 57-393-9-286 |
|                                     |                             |             |                             | Signal White<br>(RAL9003)<br>Polyester | 57 / 135      | 57-393-4-135 |
|                                     |                             |             |                             |                                        | 68 / 155      | 57-393-4-155 |
|                                     |                             |             |                             |                                        | 79 / 175      | 57-393-4-175 |
|                                     |                             |             |                             |                                        | 93 / 200      | 57-393-4-200 |
|                                     |                             |             |                             |                                        | 141 / 286     | 57-393-4-286 |
|                                     |                             |             |                             | Pure White<br>(RAL9010)<br>Polyester   | 57 / 135      | 57-393-3-135 |
|                                     |                             |             |                             |                                        | 68 / 155      | 57-393-3-155 |
|                                     |                             |             |                             |                                        | 79 / 175      | 57-393-3-175 |
|                                     |                             |             |                             |                                        | 93 / 200      | 57-393-3-200 |
|                                     |                             |             |                             |                                        | 141 / 286     | 57-393-3-286 |
|                                     |                             |             |                             | Jet Black<br>(RAL9005)<br>Polyester    | 57 / 135      | 57-393-3-135 |
|                                     |                             |             |                             |                                        | 68 / 155      | 57-393-3-155 |
|                                     |                             |             |                             |                                        | 79 / 175      | 57-393-3-175 |
|                                     |                             |             |                             |                                        | 93 / 200      | 57-393-3-200 |
|                                     |                             |             |                             |                                        | 141 / 286     | 57-393-3-286 |



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# Special Sprinklers

## QUICK RESPONSE



### RAVEN, INSTITUTIONAL – Solder

Institutional Pendent and Horizontal Sidewall

#### K-Factor (5.6) IMP – Quick Response, Standard Coverage

| SIN NUMBER | ORIENTATION                       | THREAD SIZE      | K-FACTOR                   | FINISH        | TEMP - °C / °F | PART NUMBER                  |
|------------|-----------------------------------|------------------|----------------------------|---------------|----------------|------------------------------|
| TY3281     | Institutional Pendent             | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | White<br>Gray | 74°C/165°F     | 50-314-4-165<br>50-314-9-165 |
| TY3381     | Institutional Horizontal Sidewall |                  |                            | White<br>Gray | 74°C/165°F     | 50-316-4-165<br>50-316-9-165 |



#### K-Factor (5.6) IMP – Quick Response, Extended Coverage

| SIN NUMBER | ORIENTATION                       | THREAD SIZE      | K-FACTOR                   | FINISH        | TEMP - °C / °F | PART NUMBER                  |
|------------|-----------------------------------|------------------|----------------------------|---------------|----------------|------------------------------|
| TY3282     | Institutional Pendent             | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | White<br>Gray | 74°C/165°F     | 50-315-4-165<br>50-315-9-165 |
| TY3382     | Institutional Horizontal Sidewall |                  |                            | White<br>Gray | 74°C/165°F     | 50-317-4-165<br>50-317-9-165 |



|                                                               |                 |                         |                                              |
|---------------------------------------------------------------|-----------------|-------------------------|----------------------------------------------|
| Separately Ordered<br>Escutcheons Style F<br>(3 in. Diameter) | Carbon Steel    | White<br>Gray<br>Chrome | 56-314-4-010<br>56-314-7-010<br>56-314-9-010 |
|                                                               | Stainless Steel | White<br>Gray<br>Chrome | 56-318-4-010<br>56-318-7-010<br>56-318-9-010 |
| Separately Ordered<br>Escutcheons Style G<br>(4 in. Diameter) | Carbon Steel    | White<br>Gray<br>Chrome | 56-312-4-010<br>56-312-7-010<br>56-312-9-010 |
|                                                               | Stainless Steel | White<br>Gray<br>Chrome | 56-319-4-010<br>56-319-7-010<br>56-319-9-010 |



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# Special Sprinklers

## STANDARD RESPONSE



### TFP, INSTITUTIONAL – 3mm Glass Bulb Type

Institutional Pendent and Horizontal Sidewall

| K-Factor (5.6) IMP – Standard Response, Standard Coverage |                                   |                  |                            |                                |                           |                                              |
|-----------------------------------------------------------|-----------------------------------|------------------|----------------------------|--------------------------------|---------------------------|----------------------------------------------|
| SIN NUMBER                                                | ORIENTATION                       | THREAD SIZE      | K-FACTOR                   | FINISH                         | TEMP – °C /°F             | PART NUMBER                                  |
| TY3290                                                    | Institutional Pendent             | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Chrome Plated                  | 74°C/165°F<br>100°C/212°F | 51-104-9-165<br>51-104-9-212                 |
| TY3390                                                    | Institutional Horizontal Sidewall |                  |                            |                                | 74°C/165°F                | 51-106-9-165                                 |
| Separately Ordered Escutcheons                            |                                   |                  |                            | Style A<br>Style B1<br>Style C |                           | 56-012-7-622<br>56-001-7-511<br>56-001-7-513 |



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# Special Sprinklers

## STANDARD RESPONSE

**tyco**

### TY-L and TYB, STAINLESS STEEL Upright, Pendent

| Solder, K-Factor (5.6) IMP - Standard Response, Standard Coverage |             |                  |                             |                    |                                          |                                              |
|-------------------------------------------------------------------|-------------|------------------|-----------------------------|--------------------|------------------------------------------|----------------------------------------------|
| SIN NUMBER                                                        | ORIENTATION | THREAD SIZE      | K-FACTOR                    | FINISH             | TEMP - °C /°F                            | PART NUMBER                                  |
| TY3280                                                            | Pendent     | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET  | Stainless<br>Steel | 74°C/165°F<br>100°C/212°F<br>138°C/212°F | 53-112-0-165<br>53-112-0-212<br>53-112-0-280 |
| TY4280                                                            |             | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET |                    | 74°C/165°F<br>100°C/212°F<br>138°C/212°F | 53-102-0-165<br>53-102-0-212<br>53-102-0-280 |



| 5 mm Bulb Type, K-Factor (5.6) IMP - Standard Response |             |                  |                            |                    |                                                                        |                                                                                              |
|--------------------------------------------------------|-------------|------------------|----------------------------|--------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| SIN NUMBER                                             | ORIENTATION | THREAD SIZE      | K-FACTOR                   | FINISH             | TEMP - °C /°F                                                          | PART NUMBER                                                                                  |
| TY8191                                                 | Upright     | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless<br>Steel | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-570-0-135<br>57-570-0-155<br>57-570-0-175<br>57-570-0-200<br>57-570-0-286<br>57-570-0-360 |
| TY8291                                                 | Pendent     |                  |                            |                    | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-571-0-135<br>57-571-0-155<br>57-571-0-175<br>57-571-0-200<br>57-571-0-286<br>57-571-0-360 |



| 5 mm Bulb Type, K-Factor (8.0) IMP - Standard Response |             |                  |                             |                    |                                                                        |                                                                                              |
|--------------------------------------------------------|-------------|------------------|-----------------------------|--------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| SIN NUMBER                                             | ORIENTATION | THREAD SIZE      | K-FACTOR                    | FINISH             | TEMP - °C /°F                                                          | PART NUMBER                                                                                  |
| TY9191                                                 | Upright     | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Stainless<br>Steel | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-590-0-135<br>57-590-0-155<br>57-590-0-175<br>57-590-0-200<br>57-590-0-286<br>57-590-0-360 |
| TY9291                                                 | Pendent     |                  |                             |                    | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-591-0-135<br>57-591-0-155<br>57-591-0-175<br>57-591-0-200<br>57-591-0-286<br>57-591-0-360 |



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# Special Sprinklers

## STANDARD RESPONSE



### TY-L and TY-B, STAINLESS STEEL – 3mm Glass Bulb

Horizontal and Vertical Sidewall and Conventional Upright

| K-Factor (5.6) IMP – Standard Response |                     |                  |                            |                 |               |              |
|----------------------------------------|---------------------|------------------|----------------------------|-----------------|---------------|--------------|
| SIN NUMBER                             | ORIENTATION         | THREAD SIZE      | K-FACTOR                   | FINISH          | TEMP - °C /°F | PART NUMBER  |
| TY839I                                 | Horizontal Sidewall | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 57 / 135      | 57-578-0-135 |
|                                        |                     |                  |                            |                 | 68 / 155      | 57-578-0-155 |
|                                        |                     |                  |                            |                 | 79 / 175      | 57-578-0-175 |
|                                        |                     |                  |                            |                 | 93 / 200      | 57-578-0-200 |
|                                        |                     |                  |                            |                 | 141 / 286     | 57-578-0-286 |
| TY849I                                 | Vertical Sidewall   | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 182 / 360     | 57-578-0-360 |
|                                        |                     |                  |                            |                 | 57 / 135      | 57-575-0-135 |
|                                        |                     |                  |                            |                 | 79 / 175      | 57-575-0-175 |
|                                        |                     |                  |                            |                 | 93 / 200      | 57-575-0-200 |
|                                        |                     |                  |                            |                 | 141 / 286     | 57-575-0-286 |
|                                        |                     |                  |                            |                 | 182 / 360     | 57-575-0-360 |



| K-Factor (5.6) IMP – Standard Response |                      |                  |                            |                 |               |              |
|----------------------------------------|----------------------|------------------|----------------------------|-----------------|---------------|--------------|
| SIN NUMBER                             | ORIENTATION          | THREAD SIZE      | K-FACTOR                   | FINISH          | TEMP - °C /°F | PART NUMBER  |
| TY869I                                 | Conventional Upright | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 57 / 135      | 57-573-0-135 |
|                                        |                      |                  |                            |                 | 68 / 155      | 57-573-0-155 |
|                                        |                      |                  |                            |                 | 79 / 175      | 57-573-0-175 |
|                                        |                      |                  |                            |                 | 93 / 200      | 57-573-0-200 |
|                                        |                      |                  |                            |                 | 141 / 286     | 57-573-0-286 |
| TY869I                                 | Conventional Upright | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 182 / 360     | 57-573-0-360 |



| K-Factor (8.0) IMP – Standard Response |                      |                  |                             |                 |               |              |
|----------------------------------------|----------------------|------------------|-----------------------------|-----------------|---------------|--------------|
| SIN NUMBER                             | ORIENTATION          | THREAD SIZE      | K-FACTOR                    | FINISH          | TEMP - °C /°F | PART NUMBER  |
| TY969I                                 | Conventional Upright | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Stainless Steel | 57 / 135      | 57-593-0-135 |
|                                        |                      |                  |                             |                 | 68 / 155      | 57-593-0-155 |
|                                        |                      |                  |                             |                 | 79 / 175      | 57-593-0-175 |
|                                        |                      |                  |                             |                 | 93 / 200      | 57-593-0-200 |
|                                        |                      |                  |                             |                 | 141 / 286     | 57-593-0-286 |
| TY969I                                 | Conventional Upright | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Stainless Steel | 182 / 360     | 57-593-0-360 |



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# Special Sprinklers

## QUICK RESPONSE



### TY-FRB, STAINLESS STEEL – 3mm Glass Bulb

Upright, Pendent

| K-Factor (5.6) IMP – Quick Response |             |                  |                            |                    |               |              |
|-------------------------------------|-------------|------------------|----------------------------|--------------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION | THREAD SIZE      | K-FACTOR                   | FINISH             | TEMP – °C /°F | PART NUMBER  |
| TY8181                              | Upright     | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless<br>Steel | 57 / 135      | 57-370-0-135 |
|                                     |             |                  |                            |                    | 68 / 155      | 57-370-0-155 |
|                                     |             |                  |                            |                    | 79 / 175      | 57-370-0-175 |
|                                     |             |                  |                            |                    | 93 / 200      | 57-370-0-200 |
|                                     |             |                  |                            |                    | 141 / 286     | 57-370-0-286 |
|                                     |             |                  |                            |                    | 182 / 360     | 57-370-0-360 |
| TY8281                              | Pendent     |                  |                            |                    | 57 / 135      | 57-371-0-135 |
|                                     |             |                  |                            |                    | 68 / 155      | 57-371-0-155 |
|                                     |             |                  |                            |                    | 79 / 175      | 57-371-0-175 |
|                                     |             |                  |                            |                    | 93 / 200      | 57-371-0-200 |
|                                     |             |                  |                            |                    | 141 / 286     | 57-371-0-286 |
|                                     |             |                  |                            |                    | 182 / 360     | 57-371-0-360 |



| K-Factor (8.0) IMP – Quick Response |             |                  |                             |                    |               |              |
|-------------------------------------|-------------|------------------|-----------------------------|--------------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION | THREAD SIZE      | K-FACTOR                    | FINISH             | TEMP – °C /°F | PART NUMBER  |
| TY9181                              | Upright     | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Stainless<br>Steel | 57 / 135      | 57-390-0-135 |
|                                     |             |                  |                             |                    | 68 / 155      | 57-390-0-155 |
|                                     |             |                  |                             |                    | 79 / 175      | 57-390-0-175 |
|                                     |             |                  |                             |                    | 93 / 200      | 57-390-0-200 |
|                                     |             |                  |                             |                    | 141 / 286     | 57-390-0-286 |
|                                     |             |                  |                             |                    | 182 / 360     | 57-390-0-360 |
| TY9281                              | Pendent     |                  |                             |                    | 57 / 135      | 57-391-0-135 |
|                                     |             |                  |                             |                    | 68 / 155      | 57-391-0-155 |
|                                     |             |                  |                             |                    | 79 / 175      | 57-391-0-175 |
|                                     |             |                  |                             |                    | 93 / 200      | 57-391-0-200 |
|                                     |             |                  |                             |                    | 141 / 286     | 57-391-0-286 |
|                                     |             |                  |                             |                    | 182 / 360     | 57-391-0-360 |



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# Special Sprinklers

## QUICK RESPONSE



### TY-FRB, STAINLESS STEEL – 3mm Glass Bulb Type

Horizontal and Vertical Sidewall and Conventional Upright

| K-Factor (5.6) IMP – Quick Response |                     |                  |                            |                 |               |              |
|-------------------------------------|---------------------|------------------|----------------------------|-----------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION         | THREAD SIZE      | K-FACTOR                   | FINISH          | TEMP – °C /°F | PART NUMBER  |
| TY8381                              | Horizontal Sidewall | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 57 / 135      | 57-378-0-135 |
|                                     |                     |                  |                            |                 | 68 / 155      | 57-378-0-155 |
|                                     |                     |                  |                            |                 | 79 / 175      | 57-378-0-175 |
|                                     |                     |                  |                            |                 | 93 / 200      | 57-378-0-200 |
|                                     |                     |                  |                            |                 | 141 / 286     | 57-378-0-286 |
|                                     |                     |                  |                            |                 | 182 / 360     | 57-378-0-360 |
| TY8481                              | Vertical Sidewall   | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 57 / 135      | 57-375-0-135 |
|                                     |                     |                  |                            |                 | 68 / 155      | 57-375-0-155 |
|                                     |                     |                  |                            |                 | 79 / 175      | 57-375-0-175 |
|                                     |                     |                  |                            |                 | 93 / 200      | 57-375-0-200 |
|                                     |                     |                  |                            |                 | 141 / 286     | 57-375-0-286 |
|                                     |                     |                  |                            |                 | 182 / 360     | 57-375-0-360 |



| K-Factor (5.6) IMP – Quick Response |                      |                  |                            |                 |               |              |
|-------------------------------------|----------------------|------------------|----------------------------|-----------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION          | THREAD SIZE      | K-FACTOR                   | FINISH          | TEMP – °C /°F | PART NUMBER  |
| TY8681                              | Conventional Upright | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Stainless Steel | 57 / 135      | 57-373-0-135 |
|                                     |                      |                  |                            |                 | 68 / 155      | 57-373-0-155 |
|                                     |                      |                  |                            |                 | 79 / 175      | 57-373-0-175 |
|                                     |                      |                  |                            |                 | 93 / 200      | 57-373-0-200 |
|                                     |                      |                  |                            |                 | 141 / 286     | 57-373-0-286 |
|                                     |                      |                  |                            |                 | 182 / 360     | 57-373-0-360 |



| K-Factor (8.0) IMP – Quick Response |                      |                  |                             |                 |               |              |
|-------------------------------------|----------------------|------------------|-----------------------------|-----------------|---------------|--------------|
| SIN NUMBER                          | ORIENTATION          | THREAD SIZE      | K-FACTOR                    | FINISH          | TEMP – °C /°F | PART NUMBER  |
| TY9681                              | Conventional Upright | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Stainless Steel | 57 / 135      | 57-393-0-135 |
|                                     |                      |                  |                             |                 | 68 / 155      | 57-393-0-155 |
|                                     |                      |                  |                             |                 | 79 / 175      | 57-393-0-175 |
|                                     |                      |                  |                             |                 | 141 / 286     | 57-393-0-286 |
|                                     |                      |                  |                             |                 | 182 / 360     | 57-393-0-360 |



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# Special Sprinklers

## STANDARD RESPONSE



### TY-B, SMO (254 DUPLEX SS) – 5mm Glass Bulb

Upright, Pendent, Horizontal and Vertical Sidewall and Conventional Upright

| K-Factor (5.6) IMP – Standard Response |                         |                  |                            |                           |                                                                        |                                                                                                    |
|----------------------------------------|-------------------------|------------------|----------------------------|---------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| SIN NUMBER                             | ORIENTATION             | THREAD SIZE      | K-FACTOR                   | FINISH                    | TEMP - °C / °F                                                         | PART NUMBER                                                                                        |
| TY8192                                 | Upright                 | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | SMO<br>(254 Duplex<br>SS) | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-570-0-135M<br>57-570-0-155M<br>57-570-0-175M<br>57-570-0-200M<br>57-570-0-286M<br>57-570-0-360M |
| TY8292                                 | Pendent                 |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>182 / 360              | 57-571-0-135M<br>57-571-0-155M<br>57-571-0-175M<br>57-571-0-200M<br>57-571-0-360M                  |
| TY8392                                 | Horizontal<br>Sidewall  |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-578-0-135M<br>57-578-0-155M<br>57-578-0-175M<br>57-578-0-200M<br>57-578-0-286M<br>57-578-0-360M |
| TY8492                                 | Vertical<br>Sidewall    |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-575-0-135M<br>57-575-0-155M<br>57-575-0-175M<br>57-575-0-200M<br>57-575-0-286M<br>57-575-0-360M |
| TY8692                                 | Conventional<br>Upright |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-573-0-135M<br>57-573-0-155M<br>57-573-0-175M<br>57-573-0-200M<br>57-573-0-286M<br>57-573-0-360M |



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# Special Sprinklers

## QUICK RESPONSE



### TY-FRB, SMO (254 DUPLEX SS) – 3mm Glass Bulb

Upright, Pendent, Horizontal and Vertical Sidewall and Conventional Upright

| K-Factor (5.6) IMP – Quick Response |                         |                  |                            |                           |                                                                        |                                                                                                    |
|-------------------------------------|-------------------------|------------------|----------------------------|---------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| SIN NUMBER                          | ORIENTATION             | THREAD SIZE      | K-FACTOR                   | FINISH                    | TEMP - °C / °F                                                         | PART NUMBER                                                                                        |
| TY8192                              | Upright                 | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | SMO<br>(254 Duplex<br>SS) | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-370-0-135M<br>57-370-0-155M<br>57-370-0-175M<br>57-370-0-200M<br>57-370-0-286M<br>57-370-0-360M |
| TY8292                              | Pendent                 |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-371-0-135M<br>57-371-0-155M<br>57-371-0-175M<br>57-371-0-200M<br>57-371-0-286M<br>57-371-0-360M |
| TY8392                              | Horizontal<br>Sidewall  |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-378-0-135M<br>57-378-0-155M<br>57-378-0-175M<br>57-378-0-200M<br>57-378-0-286M<br>57-378-0-360M |
| TY8492                              | Vertical<br>Sidewall    |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-375-0-135M<br>57-375-0-155M<br>57-375-0-175M<br>57-375-0-200M<br>57-375-0-286M<br>57-375-0-360M |
| TY8692                              | Conventional<br>Upright |                  |                            |                           | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-373-0-135M<br>57-373-0-155M<br>57-373-0-175M<br>57-373-0-200M<br>57-373-0-286M<br>57-373-0-360M |



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# Special Sprinklers

## STANDARD RESPONSE



### TY-B, TITANIUM – 5mm Glass Bulb

Upright, Pendent, Horizontal and Vertical Sidewall and Conventional Upright

| K-Factor (5.6) IMP – Standard Response |                         |                  |                            |          |                                                                        |                                                                                                    |
|----------------------------------------|-------------------------|------------------|----------------------------|----------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| SIN NUMBER                             | ORIENTATION             | THREAD SIZE      | K-FACTOR                   | FINISH   | TEMP - °C / °F                                                         | PART NUMBER                                                                                        |
| TY8193                                 | Upright                 | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Titanium | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-570-0-135T<br>57-570-0-155T<br>57-570-0-175T<br>57-570-0-200T<br>57-570-0-286T<br>57-570-0-360T |
| TY8293                                 | Pendent                 |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-571-0-135T<br>57-571-0-155T<br>57-571-0-175T<br>57-571-0-200T<br>57-571-0-286T<br>57-571-0-360T |
| TY8393                                 | Horizontal<br>Sidewall  |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-578-0-135T<br>57-578-0-155T<br>57-578-0-175T<br>57-578-0-200T<br>57-578-0-286T<br>57-578-0-360T |
| TY8493                                 | Vertical<br>Sidewall    |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-575-0-135T<br>57-575-0-155T<br>57-575-0-175T<br>57-575-0-200T<br>57-575-0-286T<br>57-575-0-360T |
| TY8693                                 | Conventional<br>Upright |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-573-0-135T<br>57-573-0-155T<br>57-573-0-175T<br>57-573-0-200T<br>57-573-0-286T<br>57-573-0-360T |



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# Special Sprinklers

## QUICK RESPONSE



### TY-FRB, TITANIUM – 3mm Glass Bulb Type

Upright, Pendent, Horizontal and Vertical Sidewall and Conventional Upright

| K-Factor (5.6) IMP – Quick Response |                         |                  |                            |          |                                                                        |                                                                                                    |
|-------------------------------------|-------------------------|------------------|----------------------------|----------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| SIN NUMBER                          | ORIENTATION             | THREAD SIZE      | K-FACTOR                   | FINISH   | TEMP - °C / °F                                                         | PART NUMBER                                                                                        |
| TY8193                              | Upright                 | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Titanium | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-370-0-135T<br>57-370-0-155T<br>57-370-0-175T<br>57-370-0-200T<br>57-370-0-286T<br>57-370-0-360T |
| TY8293                              | Pendent                 |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-371-0-135T<br>57-371-0-155T<br>57-371-0-175T<br>57-371-0-200T<br>57-371-0-286T<br>57-371-0-360T |
| TY8393                              | Horizontal<br>Sidewall  |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-378-0-135T<br>57-378-0-155T<br>57-378-0-175T<br>57-378-0-200T<br>57-378-0-286T<br>57-378-0-360T |
| TY8493                              | Vertical<br>Sidewall    |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-375-0-135T<br>57-375-0-155T<br>57-375-0-175T<br>57-375-0-200T<br>57-375-0-286T<br>57-375-0-360T |
| TY8693                              | Conventional<br>Upright |                  |                            |          | 57 / 135<br>68 / 155<br>79 / 175<br>93 / 200<br>141 / 286<br>182 / 360 | 57-373-0-135T<br>57-373-0-155T<br>57-373-0-175T<br>57-373-0-200T<br>57-373-0-286T<br>57-373-0-360T |



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# Special Sprinklers

**HIGH TEMPERATURE**

**tyco**

## ISSUE D QUARTZOID – 11mm Glass Bulb Type Upright and Pendent

| K-Factor (5.6) IMP - Standard Response |             |                  |                            |               |                |              |
|----------------------------------------|-------------|------------------|----------------------------|---------------|----------------|--------------|
| SIN NUMBER                             | ORIENTATION | THREAD SIZE      | K-FACTOR                   | FINISH        | TEMP - °C / °F | PART NUMBER  |
| TY3191                                 | Upright     | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass | 204 / 400      | 51-036-1-400 |
|                                        |             |                  |                            |               | 260 / 500      | 51-036-1-500 |
|                                        |             |                  |                            |               | 343 / 650      | 51-036-1-600 |
|                                        |             |                  |                            | Chrome Plated | 204 / 400      | 51-036-9-400 |
| TY3296                                 | Pendent     | 1/2" NPT<br>15mm | K-(5.6) IMP<br>K-(8.0) MET | Natural Brass | 260 / 500      | 51-036-9-500 |
|                                        |             |                  |                            |               | 343 / 650      | 51-036-9-600 |
|                                        |             |                  |                            |               | 204 / 400      | 51-040-1-400 |
|                                        |             |                  |                            |               | 260 / 500      | 51-040-1-500 |
|                                        |             |                  |                            | Natural Brass | 343 / 650      | 51-040-1-600 |
|                                        |             |                  |                            |               | 204 / 400      | 51-040-9-400 |
|                                        |             |                  |                            |               | 260 / 500      | 51-040-9-500 |
|                                        |             |                  |                            |               | 343 / 650      | 51-040-9-600 |



| K-Factor (8.0) IMP - Standard Response |             |                  |                             |               |                |              |
|----------------------------------------|-------------|------------------|-----------------------------|---------------|----------------|--------------|
| SIN NUMBER                             | ORIENTATION | THREAD SIZE      | K-FACTOR                    | FINISH        | TEMP - °C / °F | PART NUMBER  |
| TY4191                                 | Upright     | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Natural Brass | 204 / 400      | 51-136-1-400 |
|                                        |             |                  |                             |               | 260 / 500      | 51-136-1-500 |
|                                        |             |                  |                             |               | 343 / 650      | 51-136-1-600 |
|                                        |             |                  |                             | Chrome Plated | 204 / 400      | 51-136-9-400 |
| TY4292                                 | Pendent     | 3/4" NPT<br>20mm | K-(8.0) IMP<br>K-(11.0) MET | Natural Brass | 260 / 500      | 51-136-9-500 |
|                                        |             |                  |                             |               | 343 / 650      | 51-136-9-600 |
|                                        |             |                  |                             |               | 204 / 400      | 51-140-1-400 |
|                                        |             |                  |                             |               | 260 / 500      | 51-140-1-500 |
|                                        |             |                  |                             | Natural Brass | 343 / 650      | 51-140-1-600 |
|                                        |             |                  |                             |               | 204 / 400      | 51-140-9-400 |
|                                        |             |                  |                             |               | 260 / 500      | 51-140-9-500 |
|                                        |             |                  |                             |               | 343 / 650      | 51-140-9-600 |



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