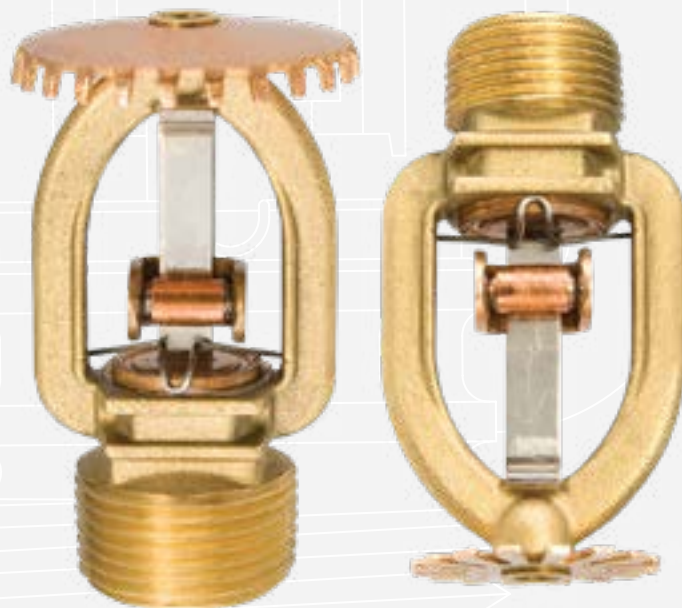




Sprinklers

PRODUCT CATALOGUE



Standard coverage Sprinklers							
Model	SIN Number	Orientation	Thread size	K-Factor	Operating element	Specifications	Data Sheet
TY-L	TY3111	Upright	1/2"	K-(5.6) IMP	Solder	Standard Response, Standard Coverage	TFP110
TY-L	TY3211	Pendent	1/2"	K-(5.6) IMP	Solder	Standard Response, Standard Coverage	TFP110
TY-L	TY3311	Horizontal Sidewall	1/2"	K-(5.6) IMP	Solder	Standard Response, Standard Coverage	TFP120
TY-L	TY4811	Upright	1/2"	K-(8.0) IMP	Solder	Standard Response, Standard Coverage	TFP110
TY-L	TY4111	Upright	3/4"	K-(8.0) IMP	Solder	Standard Response, Standard Coverage	TFP110
TY-FRL	TY1121	Upright	1/2"	K-(2.8) IMP	Solder	Quick Response, Standard Coverage	TFP130
TY-FRL	TY1221	Pendent	1/2"	K-(2.8) IMP	Solder	Quick Response, Standard Coverage	TFP130
TY-FRL	TY3121	Upright	1/2"	K-(5.6) IMP	Solder	Quick Response, Standard Coverage	TFP130
TY-FRL	TY3221	Pendent	1/2"	K-(5.6) IMP	Solder	Quick Response, Standard Coverage	TFP130
TY-FRL	TY3321	Horizontal Sidewall	1/2"	K-(5.6) IMP	Solder	Quick Response, Standard Coverage	TFP140
TY-FRL	TY4121	Upright	3/4"	K-(8.0) IMP	Solder	Quick Response, Standard Coverage	TFP130
TY-FRL	TY4221	Pendent	3/4"	K-(8.0) IMP	Solder	Quick Response, Standard Coverage	TFP130
TY-B	TY1151	Upright	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY1251	Pendent	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY3151	Upright	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP152
TY-B	TY3251	Pendent	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP152
TY-B	TY3151	Upright	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY3251	Pendent	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY4851	Upright	1/2"	K-(8.0) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY4951	Pendent	1/2"	K-(8.0) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY3351	Horizontal Sidewall	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY3451	Vertical Sidewall	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY4151	Upright	3/4"	K-(8.0) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-B	TY4251	Pendent	3/4"	K-(8.0) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP151
TY-FRB	TY1131	Upright	1/2"	K-(2.8) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY1231	Pendent	1/2"	K-(2.8) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY2131	Upright	1/2"	K-(4.2) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY2231	Pendent	1/2"	K-(4.2) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY3131	Upright	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP172
TY-FRB	TY3231	Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP172
TY-FRB	TY3131	Upright	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY3231	Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY3331	Horizontal Sidewall	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP176
TY-FRB	TY3431	Vertical Sidewall	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP176
TY-FRB	TY4831	Upright	1/2"	K-(8.0) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY4931	Pendent	1/2"	K-(8.0) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY4131	Upright	3/4"	K-(8.0) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
TY-FRB	TY4231	Pendent	3/4"	K-(8.0) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP171
RFII	TY3521	Concealed HSW	1/2"	K-(5.6) IMP	Solder	Quick Response, Standard Coverage	TFP185
RFII	TY3531	Concealed Pendent	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP181
RFII	TY3551	Concealed Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP181
RFII-MRI	TY3530	Concealed Pendent	1/2"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP182
RFII-MRI	TY3550	Concealed Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP182
ILLUSION	TY5521	Concealed Pendent	3/4"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP184

Extended Coverage Sprinklers							
EC-5	TY3232	Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Extended Coverage	TFP228
EC-5	TY3302	Horizontal Sidewall	1/2"	K-(5.6) IMP	3 mm Bulb	Extended Coverage	TFP298
EC-8	TY4232	Pendent	3/4"	K-(8.0) IMP	3 mm Bulb	Extended Coverage	TFP223
EC-8C	TY4282	Pendent	3/4"	K-(8.0) IMP	3 mm Bulb	Extended Coverage	TFP226
EC-11	TY5137	Upright	3/4"	K-(11.2) IMP	3 mm Bulb	Extended Coverage	TFP220
EC-11	TY5237	Pendent	3/4"	K-(11.2) IMP	3 mm Bulb	Extended Coverage	TFP220
EC-14	TY6237	Pendent	3/4"	K-(14.0) IMP	3 mm Bulb	Extended Coverage	TFP220
EC-14	TY6137	Upright	3/4"	K-(14.0) IMP	3 mm Bulb	Extended Coverage	TFP220
EC-25	TY9128	Upright	1"	K-(25.2) IMP	Solder	Extended Coverage	TFP213
TY-FRB	TY3332	Horizontal Sidewall	1/2"	K-(5.6) IMP	3 mm Bulb	Extended Coverage	TFP296
TY-FRB	TY4332	Horizontal Sidewall	3/4"	K-(8.0) IMP	3 mm Bulb	Extended Coverage	TFP296
SW-20	TY5332	Horizontal Sidewall	3/4"	K-(5.6) IMP	3 mm Bulb	Standard Response, Extended Coverage	TFP230
SW-24	TY5337	Horizontal Sidewall	3/4"	K-(5.6) IMP	3 mm Bulb	Standard Response, Extended Coverage	TFP230
TY-FRL	TY3322	Horizontal Sidewall	1/2"	K-(5.6) IMP	Solder	Extended Coverage	TFP280
TY-FRL	TY4322	Horizontal Sidewall	3/4"	K-(8.0) IMP	Solder	Extended Coverage	TFP280
CHEC	TY5522	Concealed HSW	3/4"	K-(8.0) IMP	3 mm Bulb	Quick Response, Extended Coverage	TFP265
ELOC	TY4332	Concealed Pendent	3/4"	K-(11.2) IMP	Solder	Extended Coverage	TFP250
RFII	TY3532	Concealed Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Extended Coverage	TFP260
RFII-MRI	TY3537	Concealed Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Quick Response, Extended Coverage	TFP262
RFIII	TY4522	Horizontal Sidewall	3/4"	K-(8.0) IMP	Solder	Quick Response, Extended Coverage	TFP270

Storage Sprinklers

Model	SIN Number	Orientation	Thread size	K-Factor	Operating element	Specifications	
ESFR-25	TY9220	ESFR Pendent	1"	K-(25.2) IMP	Solder	Rapid Install, Early Suppression	TFP328
ESFR-22	TY8220	ESFR Pendent	1"	K-(22.4) IMP	Solder	Rapid Install, Early Suppression	TFP327
ESFR-34	TY9286	ESFR Pendent	1 1/4"	K-(33.6) IMP	Solder	Early Suppression, Fast Response	TFP338
ESFR-25	TY9226	ESFR Pendent	1"	K-(25.2) IMP	Solder	Early Suppression, Fast Response	TFP312
EC-25	TY9128	Upright	1"	K-(25.2) IMP	Solder	CMDA and CMS, Extended Coverage	TFP213
ESFR-22	TY8223	Pendent	1"	K-(22.4) IMP	Solder	Early Suppression, Fast Response	TFP321
ESFR-17	TY7126	ESFR Upright	3/4"	K-(16.8) IMP	Solder	Early Suppression, Fast Response	TFP316
ESFR-17	TY7223	ESFR Pendent	3/4"	K-(16.8) IMP	Solder	Early Suppression, Fast Response	TFP317
ESFR-14	TY6236	ESFR Pendent	3/4"	K-(14.0) IMP	3mm Bulb	Early Suppression, Fast Response	TFP319
Ultra K17	TY7153	Upright	3/4"	K-(16.8) IMP	5 mm Bulb	Control Mode Specific Application	TFP330
K17-231	TY7151	Upright	3/4"	K-(16.8) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP332
K17-231	TY7251	Pendent	3/4"	K-(16.8) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP332
LD	TY5153	Large Drop Upright	3/4"	K-(11.2) IMP	5 mm Bulb	Control Mode Specific Application	TFP335
ELO-231	TY5811	Upright	1/2"	K-(11.2) IMP	Solder	Standard Response, Standard Coverage	TFP340
ELO-231	TY5111	Upright	3/4"	K-(11.2) IMP	Solder	Standard Response, Standard Coverage	TFP340
ELO-231	TY5211	Pendent	3/4"	K-(11.2) IMP	Solder	Standard Response, Standard Coverage	TFP340
ELO-231B	TY5851	Upright	1/2"	K-(11.2) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP432
ELO-231B	TY5151	Upright	3/4"	K-(11.2) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP432
ELO-231B	TY5251	Pendent	3/4"	K-(11.2) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP432
ELO231FRB	TY5131	Upright	3/4"	K-(11.2) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP344
ELO231FRB	TY5231	Pendent	3/4"	K-(11.2) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP344
TY-L	TY3113	Upright	1/2"	K-(5.6) IMP	Solder	Intermediate Level, Standard Response	TFP350
TY-L	TY3211	Pendent	1/2"	K-(5.6) IMP	Solder	Intermediate Level, Standard Response	TFP350
TY-L	TY4113	Upright	3/4"	K-(8.0) IMP	Solder	Intermediate Level, Standard Response	TFP350
TY-FRL	TY3123	Upright	1/2"	K-(5.6) IMP	Solder	Intermediate Level, Quick Response	TFP355
TY-FRL	TY3221	Pendent	1/2"	K-(5.6) IMP	Solder	Intermediate Level, Quick Response	TFP355
TY-FRL	TY4123	Upright	3/4"	K-(8.0) IMP	Solder	Intermediate Level, Quick Response	TFP355
TY-FRL	TY4221	Pendent	3/4"	K-(8.0) IMP	Solder	Intermediate Level, Quick Response	TFP355
TY-B	TY3153	Upright	1/2"	K-(5.6) IMP	5 mm Bulb	Intermediate Level, Standard Response	TFP351
TY-B	TY315	Upright	1/2"	K-(5.6) IMP	5 mm Bulb	Intermediate Level, Standard Response	TFP352
TY-B	TY325	Pendent	1/2"	K-(5.6) IMP	5 mm Bulb	Intermediate Level, Standard Response	TFP352
TY-B	TY4153	Upright	3/4"	K-(8.0) IMP	5 mm Bulb	Intermediate Level, Standard Response	TFP351
TY-B	TY4251	Pendent	3/4"	K-(8.0) IMP	5 mm Bulb	Intermediate Level, Standard Response	TFP351
TY-FRB	TY3133	Upright	1/2"	K-(5.6) IMP	3 mm Bulb	Intermediate Level, Quick Response	TFP356
TY-FRB	TY313	Upright	1/2"	K-(5.6) IMP	3 mm Bulb	Intermediate Level, Quick Response	TFP357
TY-FRB	TY323	Pendent	1/2"	K-(5.6) IMP	3 mm Bulb	Intermediate Level, Quick Response	TFP357
TY-FRB	TY4133	Upright	3/4"	K-(8.0) IMP	3 mm Bulb	Intermediate Level, Quick Response	TFP356
TY-FRB	TY4231	Pendent	3/4"	K-(8.0) IMP	3 mm Bulb	Intermediate Level, Quick Response	TFP356
EAS K17	TY720	Pendent	3/4"	K-(16.8) IMP	Solder	Electronic Control	TFP325

Residential Sprinklers

Model	SIN Number	Orientation	Thread size	K-Factor	Operating element	Specifications	Data Sheet
LFII	TY1234	Pendent	1/2"	K-(3.0) IMP	3 mm Bulb	Wet Pipe Systems	TFP402
LFII	TY2234	Pendent	1/2"	K-(4.9) IMP	3 mm Bulb	Wet Pipe and Dry Pipe Systems	TFP400
LFII	TY2236	Pendent	1/2"	K-(4.9) IMP	3 mm Bulb	Wet Pipe Systems	TFP403
LFII	TY3934	Pendent	1/2"	K-(4.9) IMP	3 mm Bulb	Recessed Pendent Wet Pipe Systems	TFP401
LFII	TY4234	Pendent/ Concealed	3/4"	K-(6.9) IMP	3 mm Bulb	NFPA 13 Optimized Wet Pipe Systems	TFP408
LFII	TY1334	Horizontal Sidewall	1/2"	K-(4.2) IMP	3 mm Bulb	Wet Pipe and Dry Pipe Systems	TFP410
LFII	TY2334	Horizontal Sidewall	1/2"	K-(4.4) IMP	3 mm Bulb	Wet Pipe Systems	TFP412
LFII	TY3334	Horizontal Sidewall	1/2"	K-(5.6) IMP	3 mm Bulb	NFPA 13 Optimized Wet Pipe Systems	TFP415
LFII	TY4334	Horizontal Sidewall	1/2"	K-(5.8) IMP	3 mm Bulb	NFPA 13 Optimized Wet Pipe Systems	TFP417
LFII	TY2234	DP Concealed Pendent	1/2"	K-(4.9) IMP	3 mm Bulb	Wet Pipe and Dry Pipe Systems	TFP450
LFII	TY2324	Concealed H-Sidewall	1/2"	K-(4.2) IMP	Solder	Wet Pipe Systems	TFP445
LFII	TY2534	Concealed Pendent	1/2"	K-(4.9) IMP	Glass Bulb	Flat Plate, Wet Pipe System	TFP446
LFII	TY3584	Concealed Pendent	1/2"	K-(5.8) IMP	Glass Bulb	Flat Plate, Wet Pipe System	TFP448
LFII	TY2235	Recessed Pendent	1"	K-(4.9) IMP	3 mm Bulb	Dry Type Wet Pipe and Dry Pipe Systems	TFP460
LFII	TY2335	Horizontal Sidewall,	1"	K-(4.4) IMP	3 mm Bulb	Dry Type Wet Pipe System	TFP461



Dry Sprinklers

Model	SIN Number	Orientation	Thread size	K-Factor	Operating element	Specifications	Data Sheet
DS-1	TY3155	Upright	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP500
DS-1	TY3255	Pendent	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP500
DS-1	TY3355	Horizontal Sidewall	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP500
DS-1	TY3935	Pendent	3/4"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP510
DS-1	TY3735	Horizontal Sidewall	3/4"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP510
DS-1	TY3135	Upright	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP510
DS-1	TY3235	Pendent	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP510
DS-1	TY3335	Horizontal Sidewall	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP510
DS-1	TY3358	Horizontal Sidewall	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Extended Coverage	TFP520
DS-1	TY3338	Horizontal Sidewall	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Extended Coverage	TFP520
DS-1 S	TY3250	Pendent	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP560
DS-1 S	TY3357	Horizontal Sidewall	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP560
DS-1 S	TY3230	Pendent	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP560
DS-1 S	TY3337	Horizontal Sidewall	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP560
DS-1 S	TY3339	Horizontal Sidewall	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Extended Coverage	TFP560
DS-2	TY5255	Pendent	1"	K-(11.2) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP530
DS-2	TY5235	Pendent	1"	K-(11.2) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP530
DS-2	TY5238	Pendent	1"	K-(11.2) IMP	3 mm Bulb	Extended Coverage, Light & Ordinary Hazard	TFP540
DS-3	TY5339	Horizontal Sidewall	1"	K-(11.2) IMP	3 mm Bulb	Standard Response, Extended Coverage	TFP550
DS-8	TY4255	Pendent	1"	K-(8.0) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP503
DS-8	TY4235	Pendent	1"	K-(8.0) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP513
DS-C	TY3555	Concealed Pendent	1"	K-(5.6) IMP	5 mm Bulb	Standard Response, Standard Coverage	TFP515
DS-C	TY3535	Concealed Pendent	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Standard Coverage	TFP515
DS-ECC	TY3539	Concealed Pendent	1"	K-(5.6) IMP	3 mm Bulb	Quick Response, Extended Coverage	TFP518
ESFR-17	TY7229	Pendent	1 1/4"	K-(16.8) IMP	Solder	Early Suppression, Fast Response	TFP320

Special Sprinklers

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

Special Sprinklers

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

Standard Coverage Sprinklers

STANDARD RESPONSE



TY-L, Solder 1/2" NPT (15mm)

Upright - Pendent - Recessed Pendent* - Horizontal Sidewall

K-Factor (5.6) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY3111	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	74°C/165°F 100°C/212°F 138°C/280°F	53-111-1-165 53-111-1-212 53-111-1-280
				Chrome Plated	74°C/165°F 100°C/212°F 138°C/280°F	53-111-9-165 53-111-9-212 53-111-9-280
				Wax Coated	74°C/165°F 100°C/212°F	53-111-6-165 53-111-6-212
TY3211	Pendent			Natural Brass	74°C/165°F 100°C/212°F 138°C/280°F	53-112-1-165 53-112-1-212 53-112-1-280
				Chrome Plated	74°C/165°F 100°C/212°F 138°C/280°F	53-112-9-165 53-112-9-212 53-112-9-280
				Wax Coated	74°C/165°F 100°C/212°F	53-112-6-165 53-112-6-212
TY3211-R*	Recessed Pendent*			Natural Brass	74°C/165°F 100°C/212°F	53-112-1-165* 53-112-1-212*
				Chrome Plated	74°C/165°F 100°C/212°F	53-112-9-165* 53-112-9-212*
TY3311	Horizontal Sidewall			Natural Brass	74°C/165°F 100°C/212°F 138°C/280°F	53-113-1-165 53-113-1-212 53-113-1-280
				Chrome Plated	74°C/165°F 100°C/212°F 138°C/280°F	53-113-9-165 53-113-9-212 53-113-9-280



*Note: The recessed escutcheon must be ordered separately.

K-Factor (8.0) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4811	Upright	1/2" NPT 15mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	74°C/165°F 100°C/212°F 138°C/280°F	53-106-1-165 53-106-1-212 53-106-1-280
				Chrome Plated	74°C/165°F 100°C/212°F 138°C/280°F	53-106-9-165 53-106-9-212 53-106-9-280
				Wax Coated	74°C/165°F 100°C/212°F	53-106-6-165 53-106-6-212



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Standard Coverage Sprinklers

STANDARD RESPONSE

tyco

TY-L, Solder 3/4" NPT (20mm) Upright

K-Factor (8.0) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4111	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	74°C/165°F 100°C/212°F 138°C/280°F	53-101-1-165 53-101-1-212 53-101-1-280
				Wax Coated	74°C/165°F 100°C/212°F	53-101-6-165 53-101-6-212



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Standard Coverage Sprinklers

QUICK RESPONSE



TY-FRL, Solder 1/2" NPT (15mm)

Upright - Pendent - Recessed Pendent* - Horizontal Sidewall

K-Factor (2.8) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY1121	Upright	1/2" NPT 15mm	K-(2.8) IMP	Natural Brass	74°C/165°F 100°C/212°F	58-973-1-165 58-973-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-973-9-165 58-973-9-212
TY1221	Pendent			Natural Brass	74°C/165°F 100°C/212°F	58-981-1-165 58-981-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-981-9-165 58-981-9-212
TY1221-R*	Recessed Pendent*			Natural Brass	74°C/165°F 100°C/212°F	58-981-1-165* 58-981-1-212*
				Chrome Plated	74°C/165°F 100°C/212°F	58-981-9-165* 58-981-9-212*

*Note: The recessed escutcheon must be ordered separately.



K-Factor (5.6) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY3121	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	74°C/165°F 100°C/212°F	58-974-1-165 58-974-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-974-9-165 58-974-9-212
TY3221	Pendent			Natural Brass	74°C/165°F 100°C/212°F	58-982-1-165 58-982-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-982-9-165 58-982-9-212
TY3221-R*	Recessed Pendent*			Natural Brass	74°C/165°F 100°C/212°F	58-982-1-165* 58-982-1-212*
				Chrome Plated	74°C/165°F 100°C/212°F	58-982-9-165* 58-982-9-212*
TY3321	Horizontal Sidewall			Natural Brass	74°C/165°F 100°C/212°F	58-946-1-165 58-946-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-946-9-165 58-946-9-212

*Note: The recessed escutcheon must be ordered separately.



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRL, Solder 3/4" NPT (20mm)

Upright - Pendent

K-Factor (8.0) IMP - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4121	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	74°C/165°F 100°C/212°F	58-174-1-165 58-174-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-174-9-165 58-174-9-212
TY4221	Pendent			Natural Brass	74°C/165°F 100°C/212°F	58-172-1-165 58-172-1-212
				Chrome Plated	74°C/165°F 100°C/212°F	58-172-9-165 58-172-9-212



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Standard Coverage Sprinklers

STANDARD RESPONSE

tyco

TY-B, 5mm Glass Bulb Type 1/2" NPT (15mm)

Upright - Pendent

K-Factor (2.8) IMP – Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY1151	Upright	1/2" NPT 15mm	K-(2.8) IMP	Natural Brass	57°C/135°F	57-530-1-135
					68°C/155°F	57-530-1-155
					79°C/175°F	57-530-1-175
					93°C/200°F	57-530-1-200
					141°C/286°F	57-530-1-286
					182°C/360°F	57-530-1-360
				Chrome Plated	57°C/135°F	57-530-9-135
					68°C/155°F	57-530-9-155
					79°C/175°F	57-530-9-175
					93°C/200°F	57-530-9-200
					141°C/286°F	57-530-9-286
					182°C/360°F	57-530-9-360
Signal White (RAL9003) Polyester	57°C/135°F	57-530-4-135				
	68°C/155°F	57-530-4-155				
	79°C/175°F	57-530-4-175				
	93°C/200°F	57-530-4-200				
	141°C/286°F	57-530-4-286				
	182°C/360°F	57-530-4-360				
Pure White (RAL9010) Polyester	57°C/135°F	57-530-3-135				
	68°C/155°F	57-530-3-155				
	79°C/175°F	57-530-3-175				
	93°C/200°F	57-530-3-200				
	141°C/286°F	57-530-3-286				
	182°C/360°F	57-530-3-360				
TY1251	Pendent	1/2" NPT 15mm	K-(2.8) IMP	Natural Brass	57°C/135°F	57-531-1-135
					68°C/155°F	57-531-1-155
					79°C/175°F	57-531-1-175
					93°C/200°F	57-531-1-200
					141°C/286°F	57-531-1-286
					182°C/360°F	57-531-1-360
				Chrome Plated	57°C/135°F	57-531-9-135
					68°C/155°F	57-531-9-155
					79°C/175°F	57-531-9-175
					93°C/200°F	57-531-9-200
					141°C/286°F	57-531-9-286
					182°C/360°F	57-531-9-360
Signal White (RAL9003) Polyester	57°C/135°F	57-531-4-135				
	68°C/155°F	57-531-4-155				
	79°C/175°F	57-531-4-175				
	93°C/200°F	57-531-4-200				
	141°C/286°F	57-531-4-286				
	182°C/360°F	57-531-4-360				
Pure White (RAL9010) Polyester	57°C/135°F	57-531-3-135				
	68°C/155°F	57-531-3-155				
	79°C/175°F	57-531-3-175				
	93°C/200°F	57-531-3-200				
	141°C/286°F	57-531-3-286				
	182°C/360°F	57-531-3-360				





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Standard Coverage Sprinklers

STANDARD RESPONSE



TY-B, 5mm Glass Bulb Type 1/2" NPT (15mm)

Upright - Pendent - Recessed Pendent*

K-Factor (5.6) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY315	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	77-570-1-135
					68°C/155°F	77-570-1-155
					79°C/175°F	77-570-1-175
					93°C/200°F	77-570-1-200
					141°C/286°F	77-570-1-286
					182°C/360°F	77-570-1-360
				Chrome Plated	57°C/135°F	77-570-9-135
					68°C/155°F	77-570-9-155
					79°C/175°F	77-570-9-175
					93°C/200°F	77-570-9-200
					141°C/286°F	77-570-9-286
					182°C/360°F	77-570-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	77-570-4-135
					68°C/155°F	77-570-4-155
					79°C/175°F	77-570-4-175
					93°C/200°F	77-570-4-200
					141°C/286°F	77-570-4-286
					182°C/360°F	77-570-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	77-570-3-135
					68°C/155°F	77-570-3-155
					79°C/175°F	77-570-3-175
					93°C/200°F	77-570-3-200
					141°C/286°F	77-570-3-286
					182°C/360°F	77-570-3-360
				Jet Black (RAL9005) Polyester	57°C/135°F	77-570-5-135
					68°C/155°F	77-570-5-155
					79°C/175°F	77-570-5-175
					93°C/200°F	77-570-5-200
					141°C/286°F	77-570-5-286
					182°C/360°F	77-570-5-360
TY325	Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	77-571-1-135
					68°C/155°F	77-571-1-155
					79°C/175°F	77-571-1-175
					93°C/200°F	77-571-1-200
					141°C/286°F	77-571-1-286
					182°C/360°F	77-571-1-360
				Chrome Plated	57°C/135°F	77-571-9-135
					68°C/155°F	77-571-9-155
					79°C/175°F	77-571-9-175
					93°C/200°F	77-571-9-200
					141°C/286°F	77-571-9-286
					182°C/360°F	77-571-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	77-571-4-135
					68°C/155°F	77-571-4-155
					79°C/175°F	77-571-4-175
					93°C/200°F	77-571-4-200
					141°C/286°F	77-571-4-286
					182°C/360°F	77-571-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	77-571-3-135
					68°C/155°F	77-571-3-155
					79°C/175°F	77-571-3-175
					93°C/200°F	77-571-3-200
					141°C/286°F	77-571-3-286
					182°C/360°F	77-571-3-360
				Jet Black (RAL9005) Polyester	57°C/135°F	77-571-5-135
					68°C/155°F	77-571-5-155
					79°C/175°F	77-571-5-175
					93°C/200°F	77-571-5-200
					141°C/286°F	77-571-5-286
					182°C/360°F	77-571-5-360
TY325-R*	Recessed Pendent*					



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Note:

*The recessed escutcheon must be ordered separately.

Standard Coverage Sprinklers

STANDARD RESPONSE

tyco

TY-B, 5mm Glass Bulb Type 1/2" NPT (15mm) Upright

K-Factor (5.6) IMP – Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3151	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	57-570-1-135
					68°C/155°F	57-570-1-155
					79°C/175°F	57-570-1-175
					93°C/200°F	57-570-1-200
					141°C/286°F	57-570-1-286
					182°C/360°F	57-570-1-360
				Chrome Plated	68°C/155°F	57-570-9-155
					93°C/200°F	57-570-9-200
					141°C/286°F	57-570-9-286
					182°C/360°F	57-570-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-570-4-135
					68°C/155°F	57-570-4-155
					79°C/175°F	57-570-4-175
					93°C/200°F	57-570-4-200
					141°C/286°F	57-570-4-286
					182°C/360°F	57-570-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	57-570-3-135
					68°C/155°F	57-570-3-155
					79°C/175°F	57-570-3-175
					93°C/200°F	57-570-3-200
					141°C/286°F	57-570-3-286
					182°C/360°F	57-570-3-360
				Wax Coated	57°C/135°F	57-570-6-135
					68°C/155°F	57-570-6-155
					79°C/175°F	57-570-6-175
					93°C/200°F	57-570-6-200
					141°C/286°F	57-570-6-286



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Standard Coverage Sprinklers

STANDARD RESPONSE



TY-B, 5mm Glass Bulb Type 1/2" NPT (15mm)

Upright - Pendent - Recessed Pendent*

K-Factor (5.6) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY325I	Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	57-57I-1-135
					68°C/155°F	57-57I-1-155
					79°C/175°F	57-57I-1-175
					93°C/200°F	57-57I-1-200
					141°C/286°F	57-57I-1-286
					182°C/360°F	57-57I-1-360
				Chrome Plated	57°C/135°F	57-57I-9-135
					68°C/155°F	57-57I-9-155
					79°C/175°F	57-57I-9-175
					93°C/200°F	57-57I-9-200
					141°C/286°F	57-57I-9-286
					182°C/360°F	57-57I-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-57I-4-135
					68°C/155°F	57-57I-4-155
					79°C/175°F	57-57I-4-175
					93°C/200°F	57-57I-4-200
					141°C/286°F	57-57I-4-286
					182°C/360°F	57-57I-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	57-57I-3-135
					68°C/155°F	57-57I-3-155
					79°C/175°F	57-57I-3-175
					93°C/200°F	57-57I-3-200
					141°C/286°F	57-57I-3-286
					182°C/360°F	57-57I-3-360
				Wax Coated	57°C/135°F	57-57I-6-135
					68°C/155°F	57-57I-6-155
					79°C/175°F	57-57I-6-175
					93°C/200°F	57-57I-6-200
					141°C/286°F	57-57I-6-286
TY325I-R*	Recessed Pendent*					



Note:

*The recessed escutcheon must be ordered separately.



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STANDARD RESPONSE

tyco

TY-B, 5mm Glass Bulb Type 1/2" NPT (15mm)

Upright - Pendent

K-Factor (8.0) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY4851	Upright	1/2" NPT 15mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-560-1-135
					68°C/155°F	57-560-1-155
					79°C/175°F	57-560-1-175
					93°C/200°F	57-560-1-200
					141°C/286°F	57-560-1-286
					182°C/360°F	57-560-1-360
				Chrome Plated	57°C/135°F	57-560-9-135
					68°C/155°F	57-560-9-155
					79°C/175°F	57-560-9-175
					93°C/200°F	57-560-9-200
					141°C/286°F	57-560-9-286
					182°C/360°F	57-560-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-560-4-135
					68°C/155°F	57-560-4-155
					79°C/175°F	57-560-4-175
					93°C/200°F	57-560-4-200
					141°C/286°F	57-560-4-286
					182°C/360°F	57-560-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	57-560-3-135
					68°C/155°F	57-560-3-155
					79°C/175°F	57-560-3-175
					93°C/200°F	57-560-3-200
					141°C/286°F	57-560-3-286
					182°C/360°F	57-560-3-360
TY4951	Pendent	1/2" NPT 15mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-561-1-135
					68°C/155°F	57-561-1-155
					79°C/175°F	57-561-1-175
					93°C/200°F	57-561-1-200
					141°C/286°F	57-561-1-286
					182°C/360°F	57-561-1-360
				Chrome Plated	57°C/135°F	57-561-9-135
					68°C/155°F	57-561-9-155
					79°C/175°F	57-561-9-175
					93°C/200°F	57-561-9-200
					141°C/286°F	57-561-9-286
					182°C/360°F	57-561-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-561-4-135
					68°C/155°F	57-561-4-155
					79°C/175°F	57-561-4-175
					93°C/200°F	57-561-4-200
					141°C/286°F	57-561-4-286
					182°C/360°F	57-561-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	57-561-3-135
					68°C/155°F	57-561-3-155
					79°C/175°F	57-561-3-175
					93°C/200°F	57-561-3-200
					141°C/286°F	57-561-3-286
					182°C/360°F	57-561-3-360



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Standard Coverage Sprinklers

STANDARD RESPONSE



TY-B, 5mm Glass Bulb Type 1/2" NPT (15mm)

Horizontal Sidewall – Recessed Horizontal Sidewall*– Vertical Sidewall

K-Factor (5.6) IMP – Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY335I	Horizontal Sidewall	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	57-578-1-135
					68°C/155°F	57-578-1-155
					79°C/175°F	57-578-1-175
					93°C/200°F	57-578-1-200
					141°C/286°F	57-578-1-286
					182°C/360°F	57-578-1-360
				Chrome Plated	57°C/135°F	57-578-9-135
					68°C/155°F	57-578-9-155
					79°C/175°F	57-578-9-175
					93°C/200°F	57-578-9-200
					141°C/286°F	57-578-9-286
					182°C/360°F	57-578-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-578-4-135
					68°C/155°F	57-578-4-155
					79°C/175°F	57-578-4-175
					93°C/200°F	57-578-4-200
Pure White (RAL9010) Polyester	141°C/286°F	57-578-4-286				
	182°C/360°F	57-578-4-360				
	TY335I-R*	Recessed Horizontal Sidewall*				
TY345I	Vertical Sidewall			Natural Brass	57°C/135°F	57-575-1-135
					68°C/155°F	57-575-1-155
					79°C/175°F	57-575-1-175
					93°C/200°F	57-575-1-200
					141°C/286°F	57-575-1-286
					182°C/360°F	57-575-1-360
				Chrome Plated	57°C/135°F	57-575-9-135
					68°C/155°F	57-575-9-155
					79°C/175°F	57-575-9-175
					93°C/200°F	57-575-9-200
					141°C/286°F	57-575-9-286
					182°C/360°F	57-575-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-575-4-135
					68°C/155°F	57-575-4-155
					79°C/175°F	57-575-4-175
					93°C/200°F	57-575-4-200
Pure White (RAL9010) Polyester	141°C/286°F	57-575-4-286				
	182°C/360°F	57-575-4-360				



Note:

*The recessed escutcheon must be ordered separately.



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Standard Coverage Sprinklers

STANDARD RESPONSE

tyco

TY-B, 5mm Glass Bulb Type 3/4" NPT (20mm) Upright

K-Factor (8.0) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY4151	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-590-1-135
					68°C/155°F	57-590-1-155
					79°C/175°F	57-590-1-175
					93°C/200°F	57-590-1-200
					141°C/286°F	57-590-1-286
					182°C/360°F	57-590-1-360
				Chrome Plated	57°C/135°F	57-590-9-135
					68°C/155°F	57-590-9-155
					79°C/175°F	57-590-9-175
					93°C/200°F	57-590-9-200
					141°C/286°F	57-590-9-286
					182°C/360°F	57-590-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-590-4-135
					68°C/155°F	57-590-4-155
					79°C/175°F	57-590-4-175
					93°C/200°F	57-590-4-200
					141°C/286°F	57-590-4-286
					182°C/360°F	57-590-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	57-590-3-135
					68°C/155°F	57-590-3-155
					79°C/175°F	57-590-3-175
					93°C/200°F	57-590-3-200
					141°C/286°F	57-590-3-286
					182°C/360°F	57-590-3-360
				Wax Coated	57°C/135°F	57-590-6-135
					68°C/155°F	57-590-6-155
					79°C/175°F	57-590-6-175
					93°C/200°F	57-590-6-200
					141°C/286°F	57-590-6-286
					182°C/360°F	57-590-6-360



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Standard Coverage Sprinklers

STANDARD RESPONSE

tyco

TY-B, 5mm Glass Bulb Type 3/4" NPT (20mm)

Pendent – Recessed Pendent*

K-Factor (8.0) IMP – Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY425I	Pendent	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-59I-1-135
					68°C/155°F	57-59I-1-155
					79°C/175°F	57-59I-1-175
					93°C/200°F	57-59I-1-200
					141°C/286°F	57-59I-1-286
					182°C/360°F	57-59I-1-360
				Chrome Plated	57°C/135°F	57-59I-9-135
					68°C/155°F	57-59I-9-155
					79°C/175°F	57-59I-9-175
					93°C/200°F	57-59I-9-200
					141°C/286°F	57-59I-9-286
					182°C/360°F	57-59I-9-360
				Signal White (RAL9003) Polyester	57°C/135°F	57-59I-4-135
					68°C/155°F	57-59I-4-155
					79°C/175°F	57-59I-4-175
					93°C/200°F	57-59I-4-200
					141°C/286°F	57-59I-4-286
					182°C/360°F	57-59I-4-360
				Pure White (RAL9010) Polyester	57°C/135°F	57-59I-3-135
					68°C/155°F	57-59I-3-155
					79°C/175°F	57-59I-3-175
					93°C/200°F	57-59I-3-200
					141°C/286°F	57-59I-3-286
					182°C/360°F	57-59I-3-360
				Wax Coated	57°C/135°F	57-59I-6-135
					68°C/155°F	57-59I-6-155
					79°C/175°F	57-59I-6-175
					93°C/200°F	57-59I-6-200
					141°C/286°F	57-59I-6-286
					182°C/360°F	57-59I-6-360
TY425I-R*	Recessed Pendent*					



Note:

*Note: The recessed escutcheon must be ordered separately.



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB, 3mm Glass Bulb Type 1/2" NPT (15mm)

Upright - Pendent - Recessed Pendent*

K-Factor (2.8) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY1131	Upright	1/2" NPT 15mm	K-(2.8) IMP	Chrome Plated	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F	57-330-9-135 57-330-9-155 57-330-9-175 57-330-9-200 57-330-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	57-330-4-135
				Pure White (RAL9010) Polyester	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F	57-330-3-135 57-330-3-155 57-330-3-175 57-330-3-200 57-330-3-286
TY1231	Pendent			Chrome Plated	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F	57-331-9-135 57-331-9-155 57-331-9-175 57-331-9-200 57-331-9-286
				Pure White (RAL9010) Polyester	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F	57-330-3-135 57-330-3-155 57-330-3-175 57-330-3-200 57-330-3-286
				Jet Black (RAL9005)	93°C/200°F	57-331-5-200
TY1231-R*	Recessed Pendent*					



Note:

*The recessed escutcheon must be ordered separately.



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB, 3mm Glass Bulb Type 1/2" NPT (15mm)

Upright - Pendent - Recessed Pendent*

K-Factor (4.2) IMP - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY2131	Upright	1/2" NPT 15mm	K-(4.2) IMP	Natural Brass	57°C/135°F	57-340-1-135
					68°C/155°F	57-340-1-155
					79°C/175°F	57-340-1-175
					93°C/200°F	57-340-1-200
					141°C/286°F	57-340-1-286
				Chrome Plated	57°C/135°F	57-340-9-135
					68°C/155°F	57-340-9-155
					79°C/175°F	57-340-9-175
					93°C/200°F	57-340-9-200
					141°C/286°F	57-340-9-286
TY2231	Pendent	1/2" NPT 15mm	K-(4.2) IMP	Signal White (RAL9003) Polyester	57°C/135°F	57-340-4-135
					68°C/155°F	57-340-4-155
					79°C/175°F	57-340-4-175
					93°C/200°F	57-340-4-200
					141°C/286°F	57-340-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	57-340-3-135
					68°C/155°F	57-340-3-155
					79°C/175°F	57-340-3-175
					93°C/200°F	57-340-3-200
					141°C/286°F	57-340-3-286
TY2231-R*	Recessed Pendent*					



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Note:

*The recessed escutcheon must be ordered separately.



Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB, 3mm Glass Bulb Type 1/2" NPT (15mm) Upright

K-Factor (5.6) IMP - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY313	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	77-370-1-135
					68°C/155°F	77-370-1-155
					79°C/175°F	77-370-1-175
					93°C/200°F	77-370-1-200
					141°C/286°F	77-370-1-286
				Chrome Plated	57°C/135°F	77-370-9-135
					68°C/155°F	77-370-9-155
					79°C/175°F	77-370-9-175
					93°C/200°F	77-370-9-200
					141°C/286°F	77-370-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	77-370-4-135
					68°C/155°F	77-370-4-155
					79°C/175°F	77-370-4-175
					93°C/200°F	77-370-4-200
					141°C/286°F	77-370-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	77-370-3-135
					68°C/155°F	77-370-3-155
					79°C/175°F	77-370-3-175
					93°C/200°F	77-370-3-200
					141°C/286°F	77-370-3-286
				Jet Black (RAL9005)	57°C/135°F	77-370-5-135
					68°C/155°F	77-370-5-155
					79°C/175°F	77-370-5-175
					93°C/200°F	77-370-5-200
					141°C/286°F	77-370-5-286



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB, 3mm Glass Bulb Type 1/2" NPT (15mm)

Pendent – Recessed Pendent*

K-Factor (5.6) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY323	Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	77-371-1-135
					68°C/155°F	77-371-1-155
					79°C/175°F	77-371-1-175
					93°C/200°F	77-371-1-200
					141°C/286°F	77-371-1-286
				Chrome Plated	57°C/135°F	77-371-9-135
					68°C/155°F	77-371-9-155
					79°C/175°F	77-371-9-175
					93°C/200°F	77-371-9-200
					141°C/286°F	77-371-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	77-371-4-135
					68°C/155°F	77-371-4-155
					79°C/175°F	77-371-4-175
					93°C/200°F	77-371-4-200
					141°C/286°F	77-371-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	77-371-3-135
					68°C/155°F	77-371-3-155
					79°C/175°F	77-371-3-175
					93°C/200°F	77-371-3-200
					141°C/286°F	77-371-3-286
				Jet Black (RAL9005)	57°C/135°F	77-371-5-135
					68°C/155°F	77-371-5-155
					79°C/175°F	77-371-5-175
					93°C/200°F	77-371-5-200
					141°C/286°F	77-371-5-286
TY323-R*	Recessed Pendent*					



Note:

*The recessed escutcheon must be ordered separately.



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB, 3mm Glass Bulb Type 1/2" NPT (15mm) Upright

K-Factor (5.6) IMP - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY3131	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	68°C/155°F	57-370-1-155
					79°C/175°F	57-370-1-175
					93°C/200°F	57-370-1-200
					141°C/286°F	57-370-1-286
				Chrome Plated	57°C/135°F	57-370-9-135
					68°C/155°F	57-370-9-155
					79°C/175°F	57-370-9-175
					93°C/200°F	57-370-9-200
					141°C/286°F	57-370-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	57-370-4-135
					68°C/155°F	57-370-4-155
				Pure White (RAL9010) Polyester	57°C/135°F	57-370-3-135
					68°C/155°F	57-370-3-155
					79°C/175°F	57-370-3-175
					93°C/200°F	57-370-3-200
					141°C/286°F	57-370-3-286



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB, 3mm Glass Bulb Type 1/2" NPT (15mm)

Pendent – Recessed Pendent*

K-Factor (5.6) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY3231	Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	57-371-1-135
					68°C/155°F	57-371-1-155
					79°C/175°F	57-371-1-175
					93°C/200°F	57-371-1-200
					141°C/286°F	57-371-1-286
				Chrome Plated	68°C/155°F	57-371-9-155
					79°C/175°F	57-371-9-175
					93°C/200°F	57-371-9-200
TY323-R*	Recessed Pendent*	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Signal White (RAL9003) Polyester	57°C/135°F	57-371-4-135
					68°C/155°F	57-371-4-155
					79°C/175°F	57-371-4-175
					93°C/200°F	57-371-4-200
					141°C/286°F	57-371-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	57-371-3-135
					68°C/155°F	57-371-3-155
					79°C/175°F	57-371-3-175
					141°C/286°F	57-371-3-286



Note:

*The recessed escutcheon must be ordered separately.



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB-B, 3mm Glass Bulb Type 1/2" NPT (15mm)

Horizontal Sidewall – Recessed Horizontal Sidewall*– Vertical Sidewall

K-Factor (5.6) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY3331	Horizontal Sidewall	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	57-378-1-135
					68°C/155°F	57-378-1-155
					79°C/175°F	57-378-1-175
					93°C/200°F	57-378-1-200
					141°C/286°F	57-378-1-286
				Chrome Plated	57°C/135°F	57-378-9-135
					68°C/155°F	57-378-9-155
					79°C/175°F	57-378-9-175
					93°C/200°F	57-378-9-200
					141°C/286°F	57-378-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	57-378-4-135
					68°C/155°F	57-378-4-155
					79°C/175°F	57-378-4-175
					93°C/200°F	57-378-4-200
					141°C/286°F	57-378-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	57-378-3-135
68°C/155°F	57-378-3-155					
79°C/175°F	57-378-3-175					
93°C/200°F	57-378-3-200					
141°C/286°F	57-378-3-286					
TY3331-R*	Recessed* Horizontal Sidewall					
TY3431	Vertical Sidewall			Natural Brass	57°C/135°F	57-375-1-135
		68°C/155°F	57-375-1-155			
		79°C/175°F	57-375-1-175			
		93°C/200°F	57-375-1-200			
		141°C/286°F	57-375-1-286			
		Chrome Plated	57°C/135°F	57-375-9-135		
			68°C/155°F	57-375-9-155		
			79°C/175°F	57-375-9-175		
			93°C/200°F	57-375-9-200		
			141°C/286°F	57-375-9-286		
		Signal White (RAL9003) Polyester	57°C/135°F	57-375-4-135		
			68°C/155°F	57-375-4-155		
			79°C/175°F	57-375-4-175		
			93°C/200°F	57-375-4-200		
			141°C/286°F	57-375-4-286		
		Pure White (RAL9010) Polyester	57°C/135°F	57-375-3-135		
			68°C/155°F	57-375-3-155		
			79°C/175°F	57-375-3-175		
			93°C/200°F	57-375-3-200		
			141°C/286°F	57-375-3-286		



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Note:

*The recessed escutcheon must be ordered separately.



Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB-B, 3mm Glass Bulb Type 1/2" NPT (15mm) Upright - Pendent

K-Factor (8.0) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY4831	Upright	1/2" NPT 15mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-360-1-135
					68°C/155°F	57-360-1-155
					79°C/175°F	57-360-1-175
					93°C/200°F	57-360-1-200
					141°C/286°F	57-360-1-286
				Chrome Plated	57°C/135°F	57-360-9-135
					68°C/155°F	57-360-9-155
					79°C/175°F	57-360-9-175
					93°C/200°F	57-360-9-200
					141°C/286°F	57-360-9-286
Signal White (RAL9003) Polyester	57°C/135°F	57-360-4-135				
	68°C/155°F	57-360-4-155				
	79°C/175°F	57-360-4-175				
	93°C/200°F	57-360-4-200				
	141°C/286°F	57-360-4-286				
Pure White (RAL9010) Polyester	57°C/135°F	57-360-3-135				
	68°C/155°F	57-360-3-155				
	79°C/175°F	57-360-3-175				
	93°C/200°F	57-360-3-200				
	141°C/286°F	57-360-3-286				
Jet Black (RAL9005) Polyester	57°C/135°F	57-360-5-135				
	68°C/155°F	57-360-5-155				
	79°C/175°F	57-360-5-175				
	93°C/200°F	57-360-5-200				
	141°C/286°F	57-360-5-286				
TY4931	Pendent	1/2" NPT 15mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-361-1-135
					68°C/155°F	57-361-1-155
					79°C/175°F	57-361-1-175
					93°C/200°F	57-361-1-200
					141°C/286°F	57-361-1-286
				Chrome Plated	57°C/135°F	57-361-9-135
					68°C/155°F	57-361-9-155
					79°C/175°F	57-361-9-175
					93°C/200°F	57-361-9-200
					141°C/286°F	57-361-9-286
Signal White (RAL9003) Polyester	57°C/135°F	57-361-4-135				
	68°C/155°F	57-361-4-155				
	79°C/175°F	57-361-4-175				
	93°C/200°F	57-361-4-200				
	141°C/286°F	57-361-4-286				
Pure White (RAL9010) Polyester	57°C/135°F	57-360-3-135				
	68°C/155°F	57-360-3-155				
	79°C/175°F	57-360-3-175				
	93°C/200°F	57-360-3-200				
	141°C/286°F	57-360-3-286				
Jet Black (RAL9005) Polyester	57°C/135°F	57-360-5-135				
	68°C/155°F	57-360-5-155				
	79°C/175°F	57-360-5-175				
	93°C/200°F	57-360-5-200				
	141°C/286°F	57-360-5-286				





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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB-B, 3mm Glass Bulb Type 3/4" NPT (20mm) Upright

K-Factor (8.0) IMP - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4131	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-390-1-135
					68°C/155°F	57-390-1-155
					79°C/175°F	57-390-1-175
					93°C/200°F	57-390-1-200
					141°C/286°F	57-390-1-286
				Chrome Plated	57°C/135°F	57-390-9-135
					68°C/155°F	57-390-9-155
					79°C/175°F	57-390-9-175
					93°C/200°F	57-390-9-200
					141°C/286°F	57-390-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	57-390-4-135
					68°C/155°F	57-390-4-155
					79°C/175°F	57-390-4-175
					93°C/200°F	57-390-4-200
					141°C/286°F	57-390-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	57-390-3-135
					68°C/155°F	57-390-3-155
					79°C/175°F	57-390-3-175
					93°C/200°F	57-390-3-200
					141°C/286°F	57-390-3-286
				Jet Black (RAL9005) Polyester	57°C/135°F	57-390-5-135
					68°C/155°F	57-390-5-155
					79°C/175°F	57-390-5-175
					93°C/200°F	57-390-5-200
					141°C/286°F	57-390-5-286



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Standard Coverage Sprinklers

QUICK RESPONSE

tyco

TY-FRB-B, 3mm Glass Bulb Type 3/4" NPT (20mm)

Pendent – Recessed Pendent*

K-Factor (8.0) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C / °F	PART NUMBER
TY4231	Pendent	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-391-1-135
					68°C/155°F	57-391-1-155
					79°C/175°F	57-391-1-175
					93°C/200°F	57-391-1-200
					141°C/286°F	57-391-1-286
				Chrome Plated	57°C/135°F	57-391-9-135
					68°C/155°F	57-391-9-155
					79°C/175°F	57-391-9-175
					93°C/200°F	57-391-9-200
					141°C/286°F	57-391-9-286
				Signal White (RAL9003) Polyester	57°C/135°F	57-391-4-135
					68°C/155°F	57-391-4-155
					79°C/175°F	57-391-4-175
					93°C/200°F	57-391-4-200
					141°C/286°F	57-391-4-286
				Pure White (RAL9010) Polyester	57°C/135°F	57-391-3-135
					68°C/155°F	57-391-3-155
					79°C/175°F	57-391-3-175
					93°C/200°F	57-391-3-200
					141°C/286°F	57-391-3-286
				Jet Black (RAL9005) Polyester	57°C/135°F	57-391-5-135
					68°C/155°F	57-391-5-155
					79°C/175°F	57-391-5-175
					93°C/200°F	57-391-5-200
					141°C/286°F	57-391-5-286
TY4231-R*	Recessed Pendent*					



Note:

*The recessed escutcheon must be ordered separately.



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Standard Coverage Concealed Sprinklers

QUICK RESPONSE

tyco

RFI – Link Type 1/2" NPT (15mm)

Concealed Horizontal Side Wall

K-Factor (5.6) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY3521	Concealed Horizontal Side Wall	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Brass	71 / 160 100 / 212	50-550-1-160 50-550-1-212
Cover Plate Finish Options			Ivory (RAL1015) Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		59 / 139	56-204-0-135 56-204-2-135 56-204-3-135 56-204-4-135 56-204-5-135 56-204-6-135 56-204-7-135 56-204-8-135 56-204-9-135 56-204-X-135
			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		74 / 165	56-204-0-165 56-204-1-165 56-204-2-165 56-204-3-165 56-204-4-165 56-204-5-165 56-204-6-165 56-204-7-165 56-204-8-165 56-204-9-165 56-204-X-165



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Standard Coverage Concealed Sprinklers

STANDARD – QUICK RESPONSE

tyco

RFII – Glass Bulb Type 1/2" NPT (15mm) Concealed Pendent

K-Factor (5.6) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3531 (Quick)	Concealed Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Brass	68 / 155 93 / 200	51-792-1-155 51-792-1-200
TY3551 (Standard)					68 / 155 93 / 200	51-790-1-155 51-790-1-200
Cover Plate Finish Options			Gray White (RAL9002) Brushed Brass Brass Pure White (RAL9010) Signal White (RAL9003) Jet Black (RAL9005) Terra Brown (RAL8028) Brushed Chrome Chrome Custom		59 / 139	56-792-0-135 56-792-1-135 56-792-2-135 56-792-3-135 56-792-4-135 56-792-6-135 56-792-7-135 56-792-8-135 56-792-9-135 56-792-X-135
			Gray White (RAL9002) Brushed Brass Brass Pure White (RAL9010) Signal White (RAL9003) Jet Black (RAL9005) Terra Brown (RAL8028) Brushed Chrome Chrome Custom			56-792-0-165 56-792-1-165 56-792-2-165 56-792-3-165 56-792-4-165 56-792-6-165 56-792-7-165 56-792-8-165 56-792-9-165 56-792-X-165
					74 / 165	



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Standard Coverage Concealed Sprinklers

STANDARD – QUICK RESPONSE

tyco

RFII-MRI – Glass Bulb Type 1/2" NPT (15mm)

Non-Magnetic Concealed Pendent

Royal Flush II magnetic resonance imaging (MRI) environmen- K-Factor (5.6) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3530 (Quick)	Concealed Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Bronze	68 / 155 93 / 200	51-800-1-155 51-800-1-200
TY3550 (Standard)					68 / 155 93 / 200	51-801-1-155 51-801-1-200
Cover Plate Finish Options			Gray White (RAL9002) Brass Signal White (RAL9003) Jet Black (RAL9005) Custom		59 / 139	56-794-0-135 56-794-1-135 56-794-4-135 56-794-6-135 56-794-X-135
			Gray White (RAL9002) Brass Signal White (RAL9003) Jet Black (RAL9005) Custom		74 / 165	56-794-0-165 56-794-1-165 56-794-4-165 56-794-6-165 56-794-X-165



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Standard Coverage Concealed Sprinklers

QUICK RESPONSE

tyco

ILLUSION – Solder 3/4" NPT (20mm) Concealed Pendent

K-Factor (11.2) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY5521	Concealed Pendent	3/4" NPT 20mm	K-(5.6) IMP	Brass	71 / 160 100 / 212	50-71I-1-160 50-71I-1-212
Cover Plate Finish Options			Gray White (RAL9002) Brass Pure White (RAL9010) Signal White (RAL9003) Brushed Chrome Chrome Custom		59 / 139	56-892-0-135 56-892-1-135 56-892-3-135 56-892-4-135 56-892-8-135 56-892-9-135 56-892-X-135
			Gray White (RAL9002) Brass Pure White (RAL9010) Signal White (RAL9003) Brushed Chrome Chrome Custom		74 / 165	56-892-0-165 56-892-1-165 56-892-3-165 56-892-4-165 56-892-8-165 56-892-9-165 56-892-X-165



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Extended Coverage Sprinklers

LIGHT HAZARD

tyco

EC-5, 3mm Glass Bulb Type 1/2" NPT (15mm)

Pendent and Recessed Pendent*

K-Factor (5.6) IMP - Quick Response - Pendent - Recessed Pendent*						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY3232	Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F 68°C/155°F	51-051-1-135 51-051-1-155
				Chrome Plated	57°C/135°F 68°C/155°F	51-051-9-135 51-051-9-155
				Signal White (RAL9003)	57°C/135°F 68°C/155°F	51-051-4-135 51-051-4-155
				Pure White (RAL9010)	57°C/135°F 68°C/155°F	51-051-3-135 51-051-3-155
TY3232-R*	Recessed Pendent*					

*Note: The recessed escutcheon must be ordered separately.



K-Factor (5.6) IMP - Horizontal Sidewall - Recessed Horizontal Sidewall*						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY3302	Horizontal Sidewall	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F 68°C/155°F 93°C/200°F	51-053-1-135 51-053-1-155 51-053-1-200
				Chrome Plated	57°C/135°F 68°C/155°F 93°C/200°F	51-053-9-135 51-053-9-155 51-053-9-200
				Signal White (RAL9003)	57°C/135°F 68°C/155°F 93°C/200°F	51-053-4-135 51-053-4-155 51-053-4-200
				Pure White (RAL9010)	57°C/135°F 68°C/155°F 93°C/200°F	51-053-3-135 51-053-3-155 51-053-3-200
TY3302-R*	Recessed Horizontal Sidewall*					

*Note: The recessed escutcheon must be ordered separately.



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Extended Coverage Sprinklers

LIGHT HAZARD, CORRIDORS AND HALLWAYS



EC-8, 3mm Glass Bulb Type 3/4" NPT (20mm)

Pendent - Recessed Pendent* - Horizontal Sidewall - Recessed Horizontal Sidewall*

Light Hazard, K-Factor (8.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY4232	Pendent	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F 68°C/155°F	50-801-1-135 50-801-1-155
				Chrome Plated	57°C/135°F 68°C/155°F	50-801-9-135 50-801-9-155
				Signal White (RAL9003)	57°C/135°F 68°C/155°F	50-801-4-135 50-801-4-155
TY4232-R*	Recessed Pendent*			Natural Brass	57°C/135°F 68°C/155°F	50-801-1-135* 50-801-1-155*
				Chrome Plated	57°C/135°F 68°C/155°F	50-801-1-135* 50-801-1-155*
				Signal White (RAL9003)	57°C/135°F 68°C/155°F	50-801-1-135* 50-801-1-155*

*Note: The recessed escutcheon must be ordered separately.

Corridors and Hallways, K-Factor (8.0) IMP - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY4282	Pendent	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	68°C/155°F 93°C/200°F	57-351-1-155 57-351-1-200
				Chrome Plated	68°C/155°F 93°C/200°F	57-351-9-155 57-351-9-200
				Signal White (RAL9003)	68°C/155°F 93°C/200°F	57-351-4-155 57-351-4-200
				Pure White (RAL9010)	68°C/155°F 93°C/200°F	57-351-3-155 57-351-3-200
				Jet Black (RAL9005)	68°C/155°F 93°C/200°F	57-351-5-155 57-351-5-200
TY4282-R*	Recessed Pendent*					

*Note: The recessed escutcheon must be ordered separately.



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Extended Coverage Sprinklers

LIGHT AND ORDINARY HAZARD



EC-11, 3mm Glass Bulb Type 3/4" NPT (20mm) Upright

K-Factor (11.2) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY5137	Upright	3/4" NPT 20mm	K-(11.2) IMP K-(16.1) MET	Natural Brass	57°C/135°F	51-894-1-135
					68°C/155°F	51-894-1-155
					79°C/175°F	51-894-1-175
					93°C/200°F	51-894-1-200
					141°C/286°F	51-894-1-286
				Chrome Plated	57°C/135°F	51-894-9-135
					68°C/155°F	51-894-9-155
					79°C/175°F	51-894-9-175
					93°C/200°F	51-894-9-200
					141°C/286°F	51-894-9-286
				Signal White (RAL9003)	57°C/135°F	51-894-4-135
					68°C/155°F	51-894-4-155
					79°C/175°F	51-894-4-175
					93°C/200°F	51-894-4-200
					141°C/286°F	51-894-4-286
				Jet Black (RAL9005)	57°C/135°F	51-894-5-135
					79°C/175°F	51-894-5-175
					141°C/286°F	51-894-5-286



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Extended Coverage Sprinklers

LIGHT AND ORDINARY HAZARD

tyco

EC-11, 3mm Glass Bulb Type 3/4" NPT (20mm)

Pendent - Recessed Pendent*

K-Factor (11.2) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY5237	Pendent	3/4" NPT 20mm	K-(11.2) IMP K-(16.1) MET	Natural Brass	57°C/135°F	51-893-1-135
					68°C/155°F	51-893-1-155
					79°C/175°F	51-893-1-175
					93°C/200°F	51-893-1-200
					141°C/286°F	51-893-1-286
				Chrome Plated	57°C/135°F	51-893-9-135
					68°C/155°F	51-893-9-155
					79°C/175°F	51-893-9-175
					93°C/200°F	51-893-9-200
					141°C/286°F	51-893-9-286
				Signal White (RAL9003)	57°C/135°F	51-893-4-135
					68°C/155°F	51-893-4-155
79°C/175°F	51-893-4-175					
93°C/200°F	51-893-4-200					
141°C/286°F	51-893-4-286					
TY5237-R*	Recessed Pendent*	3/4" NPT 20mm	K-(11.2) IMP K-(16.1) MET	Natural Brass	57°C/135°F	51-893-1-135*
					68°C/155°F	51-893-1-155*
					79°C/175°F	51-893-1-175*
					93°C/200°F	51-893-1-200*
					141°C/286°F	51-893-1-286*
				Chrome Plated	57°C/135°F	51-893-9-135*
					68°C/155°F	51-893-9-155*
					79°C/175°F	51-893-9-175*
					93°C/200°F	51-893-9-200*
					141°C/286°F	51-893-9-286*
				Signal White (RAL9003)	57°C/135°F	51-893-4-135*
					68°C/155°F	51-893-4-155*
79°C/175°F	51-893-4-175*					
93°C/200°F	51-893-4-200*					
141°C/286°F	51-893-4-286*					
Jet Black (RAL9005)	57°C/135°F	51-893-5-135*				
	68°C/155°F	51-893-5-155*				
	79°C/175°F	51-893-5-175*				
	141°C/286°F	51-893-5-286*				



*Note: The recessed escutcheon must be ordered separately.



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Extended Coverage Sprinklers

LIGHT AND ORDINARY HAZARD

tyco

EC-14, 3mm Glass Bulb Type 3/4" NPT (20mm)

Pendent - Recessed Pendent*

K-Factor (14.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C / °F	PART NUMBER
TY6237	Pendent	3/4" NPT 20mm	K-(14.0) IMP K-(20.2) MET	Natural Brass	57°C/135°F	51-895-1-135
					68°C/155°F	51-895-1-155
					79°C/175°F	51-895-1-175
					93°C/200°F	51-895-1-200
					141°C/286°F	51-895-1-286
				Chrome Plated	57°C/135°F	51-895-9-135
					68°C/155°F	51-895-9-155
					79°C/175°F	51-895-9-175
					93°C/200°F	51-895-9-200
					141°C/286°F	51-895-9-286
TY6237-R*	Recessed Pendent*	3/4" NPT 20mm	K-(14.0) IMP K-(20.2) MET	Signal White (RAL9003)	57°C/135°F	51-895-4-135
					68°C/155°F	51-895-4-155
					79°C/175°F	51-895-4-175
					141°C/286°F	51-895-4-286
				Jet Black (RAL9005)	57°C/135°F	51-895-5-135
					68°C/155°F	51-895-5-155
					79°C/175°F	51-895-5-175
					93°C/200°F	51-895-5-200
				Natural Brass	57°C/135°F	51-895-1-135*
					68°C/155°F	51-895-1-155*
					79°C/175°F	51-895-1-175*
					93°C/200°F	51-895-1-200*
					141°C/286°F	51-895-1-286*
				Chrome Plated	57°C/135°F	51-895-9-135*
					68°C/155°F	51-895-9-155*
					79°C/175°F	51-895-9-175*
					93°C/200°F	51-895-9-200*
					141°C/286°F	51-895-9-286*
				Signal White (RAL9003)	57°C/135°F	51-895-4-135*
					68°C/155°F	51-895-4-155*
					79°C/175°F	51-895-4-175*
					141°C/286°F	51-895-4-286*
				Jet Black (RAL9005)	57°C/135°F	51-895-5-135*
					68°C/155°F	51-895-5-155*
					79°C/175°F	51-895-5-175*
					93°C/200°F	51-895-5-200*



*Note: The recessed escutcheon must be ordered separately.



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Extended Coverage Sprinklers

LIGHT AND ORDINARY HAZARD

tyco

EC-14, 3mm Glass Bulb Type 3/4" NPT (20mm) Upright

K-Factor (14.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY6137	Upright	3/4" NPT 20mm	K-(14.0) IMP K-(20.2) MET	Natural Brass	57°C/135°F	51-896-1-135
					68°C/155°F	51-896-1-155
					79°C/175°F	51-896-1-175
					93°C/200°F	51-896-1-200
					141°C/286°F	51-896-1-286
				Chrome Plated	57°C/135°F	51-896-9-135
					68°C/155°F	51-896-9-155
					79°C/175°F	51-896-9-175
					93°C/200°F	51-896-9-200
					141°C/286°F	51-896-9-286
				Signal White (RAL9003)	57°C/135°F	51-896-4-135
					68°C/155°F	51-896-4-155
					79°C/175°F	51-896-4-175
					93°C/200°F	51-896-4-200
					141°C/286°F	51-896-4-286
				Jet Black (RAL9005)	57°C/135°F	51-896-5-135
					68°C/155°F	51-896-5-155
					79°C/175°F	51-896-5-175
					93°C/200°F	51-896-5-200
					141°C/286°F	51-896-5-286



EC-25, Solder 1" NPT (25mm) and ISO 7-R1 Upright

K-Factor (25.0) IMP – Quick Response*						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY9128	Upright	1" NPT 25mm	K-(25.2) IMP K-(36.3) MET	Natural Brass	74°C/165°F 100°C/212°F	58-450-1-165 58-450-1-214
		ISO 7-R 1			74°C/165°F 100°C/212°F	58-451-1-165 58-451-1-214



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Extended Coverage Sprinklers

LIGHT HAZARD



TY-FRB, 3mm Glass Bulb Type, 1/2" NPT (15mm)

Horizontal Sidewall – Recessed Horizontal Sidewall*

K-Factor (5.6) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY3332	Horizontal Sidewall	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F	57-376-1-135 57-376-1-155 57-376-1-175
				Chrome Plated	57°C/135°F 68°C/155°F 79°C/175°F	57-376-9-135 57-376-9-155 57-376-9-175
				Signal White (RAL9003)	57°C/135°F 68°C/155°F 79°C/175°F	57-376-4-135 57-376-4-155 57-376-4-175
				Pure White (RAL9010)	57°C/135°F 68°C/155°F 79°C/175°F	57-376-3-135 57-376-3-155 57-376-3-175
				Jet Black (RAL9005)	57°C/135°F 68°C/155°F 79°C/175°F	57-376-5-135 57-376-5-155 57-376-5-175
TY3332-R*	Recessed Horizontal Sidewall*			Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F	57-376-1-135* 57-376-1-155* 57-376-1-175*
				Chrome Plated	57°C/135°F 68°C/155°F 79°C/175°F	57-376-9-135* 57-376-9-155* 57-376-9-175*
				Signal White (RAL9003)	57°C/135°F 68°C/155°F 79°C/175°F	57-376-4-135* 57-376-4-155* 57-376-4-175*
				Pure White (RAL9010)	57°C/135°F 68°C/155°F 79°C/175°F	57-376-3-135* 57-376-3-155* 57-376-3-175*
				Jet Black (RAL9005)	57°C/135°F 68°C/155°F 79°C/175°F	57-376-5-135* 57-376-5-155* 57-376-5-175*



*Note: The recessed escutcheon must be ordered separately.



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Extended Coverage Sprinklers

LIGHT AND ORDINARY HAZARD



TY-FRB, 3mm Glass Bulb Type, 3/4" NPT (20mm)

Horizontal Sidewall – Recessed Horizontal Sidewall*

K-Factor (8.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY4332	Horizontal Sidewall	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F	57-396-1-135 57-396-1-155 57-396-1-175
				Chrome Plated	57°C/135°F 68°C/155°F 79°C/175°F	57-396-9-135 57-396-9-155 57-396-9-175
				Signal White (RAL9003)	57°C/135°F 68°C/155°F 79°C/175°F	57-396-4-135 57-396-4-155 57-396-4-175
				Pure White (RAL9010)	57°C/135°F 68°C/155°F 79°C/175°F	57-396-3-135 57-396-3-155 57-396-3-175
				Jet Black (RAL9005)	57°C/135°F 68°C/155°F 79°C/175°F	57-396-5-135 57-396-5-155 57-396-5-175
TY4332-R*	Recessed Horizontal Sidewall*			Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F	57-396-1-135* 57-396-1-155* 57-396-1-175*
				Chrome Plated	57°C/135°F 68°C/155°F 79°C/175°F	57-396-9-135* 57-396-9-155* 57-396-9-175*
				Signal White (RAL9003)	57°C/135°F 68°C/155°F 79°C/175°F	57-396-4-135* 57-396-4-155* 57-396-4-175*
				Pure White (RAL9010)	57°C/135°F 68°C/155°F 79°C/175°F	57-396-3-135* 57-396-3-155* 57-396-3-175*
				Jet Black (RAL9005)	57°C/135°F 68°C/155°F 79°C/175°F	57-396-5-135* 57-396-5-155* 57-396-5-175*



*Note: The recessed escutcheon must be ordered separately.



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Extended Coverage Sprinklers

ORDINARY HAZARD

tyco

SW-20 ECOH, 3mm Glass Bulb Type, 3/4" NPT (20mm)

Horizontal Sidewall

K-Factor (5.6) IMP - Coverage Area (16x20ft)						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY5332	Horizontal Sidewall	3/4" NPT 20mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	68°C/155°F 93°C/200°F	51-072-1-155 51-072-1-200
				Chrome Plated	68°C/155°F 93°C/200°F	51-072-9-155 51-072-9-200
				Signal White (RAL9003)	68°C/155°F 93°C/200°F	51-072-4-155 51-072-4-200



SW-24 ECOH, 3mm Glass Bulb Type, 3/4" NPT (20mm)

Horizontal Sidewall

K-Factor (5.6) IMP - Coverage Area (16x24ft)						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY5337	Horizontal Sidewall	3/4" NPT 20mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	68°C/155°F 93°C/200°F	51-073-1-155 51-073-1-200
				Chrome Plated	68°C/155°F 93°C/200°F	51-073-9-155 51-073-9-200
				Signal White (RAL9003)	68°C/155°F 93°C/200°F	51-073-4-155 51-073-4-200



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Extended Coverage Sprinklers

LIGHT HAZARD

tyco

TY-FRL, Solder, 1/2" NPT (15mm)

Horizontal Sidewall - Recessed Horizontal Sidewall*

K-Factor (5.6) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3322	Horizontal Sidewall	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	74°C/165°F	58-970-1-165
				Chrome Plated	74°C/165°F	58-970-9-165



TY-FRL, Solder, 3/4" NPT (20mm)

Horizontal Sidewall - Recessed Horizontal Sidewall*

K-Factor (8.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4322	Horizontal Sidewall	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	74°C/165°F	58-170-1-165
				Chrome Plated	74°C/165°F	58-170-9-165



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Extended Coverage Concealed Sprinklers

QUICK RESPONSE – LIGHT HAZARD

tyco

CHEC, 3mm Glass Bulb Type, 3/4" NPT (20mm)

Concealed Horizontal Sidewall

K-Factor (8.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4332	Concealed HSW	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Bronze	68°C/155°F	51-396-1-155
Cover Plate Finish Options			Chrome Signal White (RAL 9003) Pure White (RAL 9010) Custom Paint		59°C/139°F	56-396-9-135 56-396-4-135 56-396-3-135 56-396-X-135



ELOC, Solder, 3/4" NPT (20mm)

Concealed Pendent

K-Factor (11.2) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY5522	Concealed Pendent	3/4" NPT 20mm	K-(11.2) IMP K-(16.1) MET	Brass	71°C/160°F 100°C/212°F	50-701-1-160 50-701-1-212
Cover Plate Finish Options			Brass Chrome Gray White (RAL9002) Pure White (RAL9010) Signal White (RAL9003) Custom		59°C/139°F	56-892-1-135 56-892-9-135 56-892-0-135 56-892-3-135 56-892-4-135 56-892-X-135
			Brass Chrome Gray White (RAL9002) Pure White (RAL9010) Signal White (RAL9003) Custom Paint		74°C/165°F	56-892-1-165 56-892-9-165 56-892-0-165 56-892-3-165 56-892-4-165 56-892-X-165



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Extended Coverage Concealed Sprinklers

QUICK RESPONSE

tyco

RFII, 3mm Glass Bulb Type, 1/2" NPT (15mm) Concealed Pendent

RFII, K-Factor (5.6) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3532	Concealed Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Bronze	68°C/155°F 93°C/200°F	51-794-1-155 51-794-1-200
Cover Plate Finish Options			Brass Chrome Gray White (RAL9002) Pure White (RAL9010) Signal White (RAL9003) Jet Black (RAL9005) Terra Brown (RAL8028) Custom Paint		59°C/139°F	56-792-1-135 56-792-9-135 56-792-0-135 56-792-3-135 56-792-4-135 56-792-6-135 56-792-7-135 56-792-X-135
			Brass Chrome Gray White (RAL9002) Pure White (RAL9010) Signal White (RAL9003) Jet Black (RAL9005) Terra Brown (RAL8028) Custom Paint		74°C/165°F	56-792-1-165 56-792-9-165 56-792-0-165 56-792-3-165 56-792-4-165 56-792-6-165 56-792-7-165 56-792-X-165



RFII-MRI, 3mm Glass Bulb Type, 1/2" NPT (15mm) Non-Magnetic Concealed Pendent

Royal Flush II magnetic resonance imaging (MRI) environment- K-Factor (5.6) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3537	Concealed Pendent	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Bronze	68°C/155°F 93°C/200°F	51-802-1-155 51-802-1-200
Cover Plate Finish Options			Brass Gray White (RAL9002) Signal White (RAL9003) Jet Black (RAL9005) Custom		59°C/139°F	56-794-1-135 56-794-0-135 56-794-4-135 56-794-6-135 56-794-X-135
			Brass Gray White (RAL9002) Signal White (RAL9003) Jet Black (RAL9005) Custom Paint		74°C/165°F	56-794-1-165 56-794-0-165 56-794-4-165 56-794-6-165 56-794-X-165



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Extended Coverage Concealed Sprinklers

QUICK RESPONSE – LIGHT HAZARD

tyco

MODEL RFIII, Solder, 3/4" NPT (20mm)

Concealed Horizontal Sidewall

K-Factor (8.0) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4522	Sidewall	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Brass	71°C/160°F	51-113-1-160
Cover Plate Finish Options			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		59°C/139°F	56-204-0-135 56-204-1-135 56-204-2-135 56-204-3-135 56-204-4-135 56-204-5-135 56-204-6-135 56-204-7-135 56-204-8-135 56-204-9-135 56-204-X-135



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Storage Sprinklers

EARLY SUPPRESSION, FAST RESPONSE



ESFR, Rapid Install, Solder 1" NPT (25mm)

Pendent Rapid Install

ESFR-25 K-Factor (25.2) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY9220	Pendent	1" NPT 25mm	K-(25.2) IMP K-(36.3) MET	Brass	74°C/165°F 100°C/212°F	58-488-1-165 58-488-1-212



ESFR-22 K-Factor (22.4) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY8220	Pendent	1" NPT 25mm	K-(22.4) IMP K-(32.0) MET	Brass	74°C/165°F 100°C/212°F	58-468-1-165 58-468-1-212



Related Products	PART NUMBER
RIS Welded Fitting Plug Assembly	56-888-0-102
RIS Welded Fitting Powder Coating Plug	56-888-0-106
RIS Welding Alignment Cone	56-888-0-002
RIS Gasket	91-448-1-001



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Storage Sprinklers

EARLY SUPPRESSION, FAST RESPONSE

tyco

ESFR, Solder

Upright and Pendent

ESFR-34 K-Factor (33.6) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY9286	Pendent	1 1/4" NPT 32mm	K-(33.6) IMP K-(48.0) MET	Brass	74°C/165°F 100°C/212°F	51-681-1-165 51-681-1-212
		ISO 7-1			74°C/165°F 100°C/212°F	51-682-1-165 51-682-1-212

ESFR-25 K-Factor (25.2) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY9226	Pendent	1" NPT 25mm	K-(25.2) IMP K-(36.3) MET	Brass	74°C/165°F 100°C/212°F	58-441-1-165 58-441-1-214
		ISO 7-1			74°C/165°F 100°C/212°F	58-442-1-165 58-442-1-214

EC-25 K-Factor (25.2) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY9128	Upright	1" NPT 25mm	K-(25.2) IMP K-(36.3) MET	Brass	74°C/165°F 100°C/212°F	58-450-1-165 58-450-1-214
		ISO 7-1			74°C/165°F 100°C/212°F	58-451-1-165 58-451-1-214

ESFR-22 K-Factor (22.4) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY8223	Pendent	1" NPT 25mm	K-(22.4) IMP K-(32.0) MET	Brass	74°C/165°F 100°C/212°F	58-464-1-165 58-464-1-212
		ISO 7-1			74°C/165°F 100°C/212°F	58-465-1-165 58-465-1-212



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Storage Sprinklers

STANDARD RESPONSE, STANDARD COVERAGE *tyco*

ESFR, Solder

Upright and Pendent

ESFR-17 K-Factor (16.8) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY7126	Upright	3/4" NPT 20mm	K-(16.8) IMP K-(24.2) MET	Brass	74°C/165°F 100°C/212°F	58-447-1-165 58-447-1-214
		ISO 7-1			74°C/165°F 100°C/212°F	58-448-1-165 58-448-1-214
TY7223	Pendent	3/4" NPT 20mm			74°C/165°F 100°C/212°F	58-457-1-165 58-457-1-214
		ISO 7-R3/4			74°C/165°F 100°C/212°F	58-458-1-165 58-458-1-214



ESFR, 3mm Glass Bulb Type

Pendent

ESFR-14 K-Factor (14.0) IMP - Early Suppression Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY6236	Pendent	3/4" NPT 20mm	K-(14.0) IMP K-(20.2) MET	Brass	68°C/155°F 93°C/200°F	58-449-1-155 58-449-1-200
		ISO 7-1			68°C/155°F 93°C/200°F	58-443-1-155 58-443-1-200



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Storage Sprinklers

STANDARD RESPONSE, STANDARD COVERAGE *tyco*

K17, 5mm Glass Bulb Type, 3/4" NPT (20mm)

Upright and Pendent

Ultra K17, K-Factor (16.8) IMP - Standard Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY7153	Upright	3/4" NPT 20mm	K-(16.8) IMP K-(24.2) MET	Bronze	68°C/155°F 93°C/200°F	51-887-1-155 51-887-1-200



K17-231, K-Factor (16.8) IMP - Standard Response, Standard Coverage

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY7151	Upright	3/4" NPT 20mm	K-(16.8) IMP K-(24.2) MET	Bronze	68°C/155°F 93°C/200°F 141°C/286°F	51-888-1-155 51-888-1-200 51-888-1-286
TY7251	Pendent				68°C/155°F 93°C/200°F 141°C/286°F	51-889-1-155 51-889-1-200 51-889-1-286



LD, 5mm Glass Bulb Type, 3/4" NPT (20mm)

Large Drop Upright

K-Factor (11.2) IMP - Standard Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY5153	Large Drop Upright	3/4" NPT 20mm	K-(11.2) IMP K-(16.1) MET	Bronze	68°C/155°F 93°C/200°F 141°C/286°F	50-400-2-155 50-400-2-200 50-400-2-286



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Storage Sprinklers

STANDARD RESPONSE, STANDARD COVERAGE *tyco*

ELO-231, Solder

Upright and Pendent

K-Factor (11.2) IMP – Standard Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY5811	Upright	1/2" NPT 15mm	K-(11.2) IMP K-(16.1) MET	Natural Brass	74°C/165°F 100°C/212°F 141°C/286°F	50-210-1-165 50-210-1-212 50-210-1-286
				Chrome Plated	74°C/165°F 100°C/212°F 141°C/286°F	50-210-9-165 50-210-9-212 50-210-9-286
				Wax Coated	74°C/165°F 100°C/212°F 141°C/286°F	50-210-6-165 50-210-6-212 50-210-6-286
TY5111	Upright	3/4" NPT 20mm		Natural Brass	74°C/165°F 100°C/212°F 141°C/286°F	50-110-1-165 50-110-1-212 50-110-1-286
				Chrome Plated	74°C/165°F 100°C/212°F 141°C/286°F	50-110-9-165 50-110-9-212 50-110-9-286
				Wax Coated	74°C/165°F 100°C/212°F 141°C/286°F	50-110-6-165 50-110-6-212 50-110-6-286
TY5211	Pendent			Natural Brass	74°C/165°F 100°C/212°F 141°C/286°F	50-112-1-165 50-112-1-212 50-112-1-286
				Chrome Plated	74°C/165°F 100°C/212°F 141°C/286°F	50-112-9-165 50-112-9-212 50-112-9-286
				Wax Coated	74°C/165°F 100°C/212°F 141°C/286°F	50-112-6-165 50-112-6-212 50-112-6-286



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Storage Sprinklers

STANDARD RESPONSE, STANDARD COVERAGE *tyco*

ELO-231B, 5mm Glass Bulb Type

Upright and Pendent

K-Factor (11.2) IMP - Standard Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY5851	Upright	1/2" NPT 15mm	K-(11.2) IMP K-(16.1) MET	Natural Brass	68°C/155°F 93°C/200°F 141°C/286°F	50-501-1-155 50-501-1-200 50-501-1-286
				Chrome Plated	68°C/155°F 93°C/200°F 141°C/286°F	50-501-9-155 50-501-9-200 50-501-9-286
				Wax Coated	68°C/155°F 93°C/200°F 141°C/286°F	50-501-6-155 50-501-6-200 50-501-6-286
TY5151	Upright	3/4" NPT 20mm		Natural Brass	68°C/155°F 93°C/200°F 141°C/286°F	50-510-1-155 50-510-1-200 50-510-1-286
				Chrome Plated	68°C/155°F 93°C/200°F 141°C/286°F	50-510-9-155 50-510-9-200 50-510-9-286
				Wax Coated	68°C/155°F 93°C/200°F 141°C/286°F	50-510-6-155 50-510-6-200 50-510-6-286
TY5251	Pendent			Natural Brass	68°C/155°F 93°C/200°F 141°C/286°F	50-512-1-155 50-512-1-200 50-512-1-286
				Chrome Plated	68°C/155°F 93°C/200°F 141°C/286°F	50-512-9-155 50-512-9-200 50-512-9-286
				Wax Coated	68°C/155°F 93°C/200°F 141°C/286°F	50-512-6-155 50-512-6-200 50-512-6-286



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QUICK RESPONSE, STANDARD COVERAGE



ELO- 231FRB, 3mm Glass Bulb Type

Upright and Pendent

K-Factor (11.2) IMP – Quick Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY5831*	Upright	1/2" NPT 15mm	K-(11.2) IMP K-(16.1) MET	Natural Brass	68°C/155°F 93°C/200°F 141°C/286°F	50-503-1-155 50-503-1-200 50-503-1-286
				Chrome Plated	68°C/155°F 93°C/200°F 141°C/286°F	50-503-9-155 50-503-9-200 50-503-9-286
TY5131**	Upright	3/4" NPT 20mm		Natural Brass	68°C/155°F 93°C/200°F 141°C/286°F	50-502-1-155 50-502-1-200 50-502-1-286
				Chrome Plated	68°C/155°F 93°C/200°F 141°C/286°F	50-502-9-155 50-502-9-200 50-502-9-286
TY5231	Pendent			Natural Brass	68°C/155°F 93°C/200°F 141°C/286°F	50-500-1-155 50-500-1-200 50-500-1-286
				Chrome Plated	68°C/155°F 93°C/200°F 141°C/286°F	50-500-9-155 50-500-9-200 50-500-9-286



*Note: For retrofit applications only.

**Note: TY5131 available by special order for qualified customers only.



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Storage Sprinklers

QUICK AND STANDARD RESPONSE

tyco

TY-L & TY-FRL, Solder

Intermediate Level Upright and Pendent

TY-L, K-Factor (5.6 & 8.0) IMP - Standard Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3113	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	74°C/165°F	53-253-1-165
					100°C/212°F	53-253-1-212
					138°C/280°F	53-253-1-280
TY3211	Pendent				74°C/165°F	53-112-1-165
					100°C/212°F	53-112-1-212
					138°C/280°F	53-112-1-280
TY4113	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET		74°C/165°F	53-153-1-165
					100°C/212°F	53-153-1-212
					138°C/280°F	53-153-1-280

TY-FRL, K-Factor (5.6 & 8.0) IMP - Quick Response

TY-FRL, K-Factor (5.6 & 8.0) IMP – Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY3123	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	74°C/165°F	58-986-1-165
				Chrome Plated	74°C/165°F	58-986-9-165
TY3221	Pendent			Natural Brass	74°C/165°F	58-982-1-165
				Chrome Plated	74°C/165°F	58-982-9-165
TY4123	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	74°C/165°F	58-153-1-165
				Chrome Plated	74°C/165°F	58-153-9-165
TY4221	Pendent			Natural Brass	74°C/165°F	58-172-1-165
				Chrome Plated	74°C/165°F	58-172-9-165



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Storage Sprinklers

STANDARD RESPONSE



TY-B, 5mm Glass Bulb Type, 1/2" NPT (15mm) Intermediate Level Upright and Pendent

K-Factor (5.6) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3153	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F 182°C/360°F	57-533-1-135 57-533-1-155 57-533-1-175 57-533-1-200 57-533-1-286 57-533-1-360
				Wax Coated	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F 182°C/360°F	57-533-6-135 57-533-6-155 57-533-6-175 57-533-6-200 57-533-6-286 57-533-6-360
TY315				Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F 182°C/360°F	57-570-1-135 57-570-1-155 57-570-1-175 57-570-1-200 57-570-1-286 57-570-1-360
TY325	Pendent			Natural Brass	57°C/135°F 68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F 182°C/360°F	57-571-1-135 57-571-1-155 57-571-1-175 57-571-1-200 57-571-1-286 57-571-1-360



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Storage Sprinklers

STANDARD RESPONSE



TY-B, 5mm Glass Bulb Type, 3/4" NPT (20mm) Intermediate Level Upright and Pendent

K-Factor (8.0) IMP - Standard Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY4153	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	57-543-1-135
					68°C/155°F	57-543-1-155
					79°C/175°F	57-543-1-175
					93°C/200°F	57-543-1-200
					141°C/286°F	57-543-1-286
					182°C/360°F	57-543-1-360
	Wax Coated			57°C/135°F	57-543-6-135	
				68°C/155°F	57-543-6-155	
				79°C/175°F	57-543-6-175	
				93°C/200°F	57-543-6-200	
				141°C/286°F	57-543-6-286	
				182°C/360°F	57-543-6-360	
TY4251	Pendent			Natural Brass	57°C/135°F	57-591-1-135
					68°C/155°F	57-591-1-155
					79°C/175°F	57-591-1-175
					93°C/200°F	57-591-1-200
					141°C/286°F	57-591-1-286
					182°C/360°F	57-591-1-360
	Wax Coated			57°C/135°F	57-591-6-135	
				68°C/155°F	57-591-6-155	
				79°C/175°F	57-591-6-175	
				93°C/200°F	57-591-6-200	
				141°C/286°F	57-591-6-286	
				182°C/360°F	57-591-6-360	



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Storage Sprinklers

QUICK RESPONSE



TY-FRB, 3mm Glass Bulb Type

Intermediate Level Upright and Pendent

K-Factor (5.6) IMP, 1/2" NPT (15mm) - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3133	Upright	1/2" NPT 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass	57°C/135°F	77-333-1-135
					68°C/155°F	77-333-1-155
					79°C/175°F	77-333-1-175
					93°C/200°F	77-333-1-200
					141°C/286°F	77-333-1-286
TY313					57°C/135°F	77-370-1-135
					68°C/155°F	77-370-1-155
					79°C/175°F	77-370-1-175
					93°C/200°F	77-370-1-200
					141°C/286°F	77-370-1-286
TY323	Pendent				57°C/135°F	77-371-1-135
					68°C/155°F	77-371-1-155
					79°C/175°F	77-371-1-175
					93°C/200°F	77-371-1-200
					141°C/286°F	77-371-1-286



K-Factor (8.0) IMP, 3/4" NPT (20mm) - Quick Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4133	Upright	3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET	Natural Brass	57°C/135°F	77-343-1-135
					68°C/155°F	77-343-1-155
					79°C/175°F	77-343-1-175
					93°C/200°F	77-343-1-200
					141°C/286°F	77-343-1-286
TY4231	Pendent				57°C/135°F	77-391-1-135
					68°C/155°F	77-391-1-155
					79°C/175°F	77-391-1-175
					93°C/200°F	77-391-1-200
					141°C/286°F	77-391-1-286



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Storage Sprinklers



EAS K17, SENSOR/ACTUATOR, 3/4" NPT (20mm) Electronic Control - Pendent

K-Factor (16.8) IMP						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY720	Pendent	3/4" NPT 20mm	K-(16.8) IMP K-(24.2) MET	Brass	Programmable	58-461-T-000



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Residential Sprinklers

FAST RESPONSE

tyco

LFII, 3mm Glass Bulb Type, 1/2" NPT (15mm) Pendent

K-Factor (3.0) IMP - Wet Pipe Systems, Fast Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY1234	Pendent	1/2" NPT 15mm	K-(3) IMP	Natural Brass	68°C/155°F	51-010-1-155
				Chrome		51-010-9-155
				Signal White	79°C/175°F	51-010-4-155
				Natural Brass		51-010-1-175
				Chrome		51-010-9-175
				Signal White		51-010-4-175



K-Factor (4.9) IMP - Wet Pipe and Dry Pipe Systems, Fast Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY2234	Pendent	1/2" NPT 15mm	K-(4.9) IMP K-(7.1) MET	Natural Brass	68°C/155°F	51-201-1-155
				Chrome		51-201-9-155
				Signal White	79°C/175°F	51-201-4-155
				Pure White		51-201-3-155
				Natural Brass		51-201-1-175
				Chrome		51-201-9-175
				Signal White		51-201-4-175
				Pure White		51-201-3-175



K-Factor (4.9) IMP - Wet Pipe Systems, Fast Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY2236	Pendent	1/2" NPT 15mm	K-(4.9) IMP K-(7.1) MET	Natural Brass	68°C/155°F	51-212-1-155
				Chrome		51-212-9-155
				Signal White	79°C/175°F	51-212-4-155
				Pure White		51-212-3-155
				Jet Black		51-212-5-155
				Natural Brass		51-212-1-175
				Chrome		51-212-9-175
				Signal White		51-212-4-175
				Jet Black		51-212-5-175



K-Factor (5.8) IMP - Wet Pipe Systems, Fast Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3934	Pendent	1/2" NPT 15mm	K-(5.8) IMP	Natural Brass	68°C/155°F	51-058-1-155
				Chrome		51-058-9-155
				Signal White	79°C/175°F	51-058-4-155
				Pure White		51-058-3-155
				Jet Black		51-058-5-155
				Natural Brass		51-058-1-175
				Chrome		51-058-9-175
				Signal White		51-058-4-175
				Pure White		51-058-3-175



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Residential Sprinklers

FAST RESPONSE

tyco

LFII, 3mm Glass Bulb Type, 3/4" NPT (20mm)

Pendent/Recessed Pendent/Concealed

K-Factor (6.9) IMP – NFPA 13 Optimized Wet Pipe Systems						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F	PART NUMBER
TY4234	Pendent	3/4" NPT 20mm	K-(6.9) IMP	Natural Brass Chrome Signal White Pure White	68°C/155°F	51-069-1-155 51-069-9-155 51-069-4-155 51-069-3-155
				Natural Brass Chrome Signal White Pure White	79°C/175°F	51-069-1-175 51-069-9-175 51-069-4-175 51-069-3-175
Concealed Pendent Sprinkler Assembly without Cover Plate Assembly				68°C/155°F		51-068-1-155
Cover Plate Assembly				Chrome Pure White (RAL 9010) Signal White (RAL 9003) Custom Paint		56-873-9-135 56-873-3-135 56-873-4-135 56-873-X-135
Recessed Escutcheon				Separately Order		



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Residential Sprinklers

FAST RESPONSE

tyco

LFII, 3mm Glass Bulb Type, 1/2" NPT (15mm) Horizontal Sidewall

K-Factor (4.2) IMP - Wet Pipe and Dry Pipe Systems, Fast Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY1334	Horizontal Sidewall	1/2" NPT 15mm	K-(4.2) IMP	Natural Brass Chrome Signal White Pure White Jet Black	68°C/155°F	51-211-1-155 51-211-9-155 51-211-4-155 51-211-3-155 51-211-5-155
				Natural Brass Chrome Signal White Pure White Jet Black	79°C/175°F	51-211-1-175 51-211-9-175 51-211-4-175 51-211-3-175 51-211-5-175



K-Factor (4.4) IMP - Wet Pipe Systems, Fast Response

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY2334	Horizontal Sidewall	1/2" NPT 15mm	K-(4.4) IMP	Natural Brass Chrome Signal White Jet Black	68°C/155°F	51-215-1-155 51-215-9-155 51-215-4-155 51-215-5-155
				Natural Brass Chrome Signal White Pure White	79°C/175°F	51-215-1-175 51-215-9-175 51-215-4-175 51-215-5-175



K-Factor (5.6) IMP - NFPA 13 Optimized Wet Pipe Systems

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3334	Horizontal Sidewall	1/2" NPT 15mm	K-(5.6) IMP	Natural Brass Chrome Signal White Jet Black	68°C/155°F	51-524-1-155 51-524-9-155 51-524-4-155 51-524-3-155
				Natural Brass Chrome Signal White Pure White	79°C/175°F	51-524-1-175 51-524-9-175 51-524-4-175 51-524-3-175



K-Factor (5.8) IMP - NFPA 13 Optimized Wet Pipe Systems

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY4334	Horizontal Sidewall	1/2" NPT 15mm	K-(5.8) IMP	Natural Brass Chrome Signal White	68°C/155°F	51-534-1-155 51-534-9-155 51-534-4-155
				Natural Brass Chrome Signal White	79°C/175°F	51-534-1-175 51-534-9-175 51-534-4-175



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Residential Sprinklers

FAST RESPONSE

tyco

LFII, 3mm Glass Bulb Type, 1/2" NPT (15mm)

Domed-Plate Concealed Pendent

K-Factor (6.9) IMP - NFPA 13 Optimized Wet Pipe Systems						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY2234	Domed-Plate Concealed Pendent	1/2" NPT 15mm	K-(4.9) IMP	Brass	68°C/155°F	51-873-1-155
Cover Plate Assembly				Chrome Pure White (RAL 9010) Signal White (RAL 9003) Custom Paint		56-873-9-135 56-873-3-135 56-873-4-135 56-873-X-135



LFII, Solder, 1/2" NPT (15mm)

Concealed Horizontal Sidewall

K-Factor (6.9) IMP - NFPA 13 Optimized Wet Pipe Systems						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY2324	Concealed Horizontal Sidewall	1/2" NPT 15mm	K-(4.2) IMP	Brass	71°C/160°F	50-520-1-160
Cover Plate Assembly				Ivory (RAL1015) Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		56-204-0-135 56-204-2-135 56-204-3-135 56-204-4-135 56-204-5-135 56-204-6-135 56-204-7-135 56-204-8-135 56-204-9-135 56-204-X-135



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Residential Sprinklers

FAST RESPONSE



LFII, Glass Bulb Type, 4.9 K-factor, 1/2" NPT (15mm) Concealed Pendent Sprinkler

K-Factor (4.9) IMP - Flat Plate, Wet Pipe System						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY2534	Concealed Pendent Sprinkler	1/2" NPT 15mm	K-(4.9) IMP	Brass	68°C/155°F 93°C/200°F	51-549-1-155 51-549-1-200
Cover Plate Assembly			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		59°C/139°F	56-891-0-135 56-891-9-135B 56-891-2-135 56-891-3-135 56-891-4-135 56-891-5-135 56-891-6-135 56-891-7-135 56-891-8-135 56-891-9-135 56-891-X-135
			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		75°C/165°F	56-891-0-165 56-891-9-165B 56-891-2-165 56-891-3-165 56-891-4-165 56-891-5-165 56-891-6-165 56-891-7-165 56-891-8-165 56-891-9-165 56-891-X-165



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Residential Sprinklers

FAST RESPONSE

tyco

LFII, Glass Bulb Type, 5.8 K-factor, 1/2" NPT (15mm) Concealed Pendent Sprinkler

K-Factor (5.8) IMP - Flat Plate, Wet Pipe System						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F	PART NUMBER
TY3584	Concealed Pendent Sprinkler	1/2" NPT 15mm	K-(5.8) IMP	Brass	68°C/155°F 93°C/200°F	51-558-1-155 51-558-1-200
Cover Plate Assembly			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		59°C/139°F	56-891-0-135 56-891-9-135B 56-891-2-135 56-891-3-135 56-891-4-135 56-891-5-135 56-891-6-135 56-891-7-135 56-891-8-135 56-891-9-135 56-891-X-135
			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		75°C/165°F	56-891-0-165 56-891-9-165B 56-891-2-165 56-891-3-165 56-891-4-165 56-891-5-165 56-891-6-165 56-891-7-165 56-891-8-165 56-891-9-165 56-891-X-165



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Residential Sprinklers

FAST RESPONSE



LFII, K-FACTOR (4.9) IMP, 3mm Glass Bulb Type Recessed Pendent

K-Factor (4.9) IMP - Dry Type Wet Pipe and Dry Pipe Systems						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP - °C /°F
TY2235	Pendent With Recessed Escutcheon	1" NPT 25mm	K-(4.9) IMP	SPRINKLER	ESCUTCHEON	68°C/155°F 68°C/155°F
		ISO 7-R		Natural Brass Signal White Chrome	Natural Brass Signal White Chrome	



PART NUMBER: *-63-10X-X-XXX

X	TEMPERATURE RATING
1	68°C/155°F
2	68°C/155°F**

X	SPRINKLER FINISH	ESCUTCHEON FINISH
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
9	Chrome Plated	Chrome Plated

XXX	ORDER LENGTH (EXAMPLES)
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
240	24.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g. I-63-101-9-180)

** (68°C/155°F) Wet pipe system only



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Residential Sprinklers

FAST RESPONSE



LFII, K-FACTOR (4.4) IMP, 3mm Glass Bulb Type Horizontal Sidewall

K-Factor (4.4) IMP - Dry Type Wet Pipe System						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP - °C /°F
TY2335	Horizontal Sidewall with Recessed Escutcheon	1" NPT 25mm	K-(4.4) IMP	SPRINKLER	ESCUTCHEON	68°C/155°F
	Horizontal Sidewall Without Escutcheon			Natural Brass Signal White Chrome	Natural Brass Signal White Chrome	



XX		SIN
12	with Recessed Escutcheon	TY2335
13	without Recessed Escutcheon	

PART NUMBER: *-63-XXX-X-XXX

X	TEMPERATURE RATING
1	68°C/155°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
9	Chrome Plated	Chrome Plated

XXX	ORDER LENGTH (EXAMPLES)
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
240	24.00 in.

Notes:

* Use Prefix "I" for ISO 7-R1 Inlet Thread Connection (e.g., I-63-121-9-180)



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Dry Sprinklers

STANDARD RESPONSE, STANDARD COVERAGE *tyco*

DS-1, K-FACTOR (5.6) IMP, 5mm Glass Bulb Type

Pendent, Upright, and Horizontal Sidewall

K-Factor (5.6) IMP - Dry Type Standard Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP - °C /°F
TY3155	Upright	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome StainlessSteel	68°C/155°F
TY3255	Pendent					79°C/175°F
TY3355	Horizontal Sidewall					93°C/200°F 141°C/286°F 182°C/360°F



XX		SIN
96	Pendent with Standard Escutcheon (1 in. NPT)	TY3255
93	Pendent with Deep Escutcheon (1 in. NPT)	
97	Pendent with Recessed Escutcheon (1 in. NPT)	
92	Pendent without Escutcheon (1 in. NPT)	
98	Upright without Escutcheon (1 in. NPT)	TY3155
94	Sidewall with Standard Escutcheon (1 in. NPT)	TY3355
53	Sidewall with Deep Escutcheon (1 in. NPT)	
54	Sidewall without Escutcheon (1 in. NPT)	



PART NUMBER: *-60-XXX-X-XXX

X	TEMPERATURE RATING **
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F
5	182°C/360°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
8	Chrome Plated	Stainless Steel
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g. I-60-961-9-180)

** 360°F (182°C) temperature rating applies to non-recessed sprinkler assemblies.



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Order replacement escutcheons separately					
Recessed (Style 10)		Standard (Push-On)		Deep	
Brass Plated	56-701-2-010	White	91-106-0-007	Brass Plated	91-107-2-010
Signal White	56-701-4-010	Brass Plated	91-106-2-007	White	91-107-4-007
Chrome	56-701-9-010	Chrome	91-106-9-007	Chrome	91-107-9-007



Dry Sprinklers

QUICK RESPONSE, STANDARD COVERAGE

tyco

DS-1, K-FACTOR (5.6) IMP, 3mm Glass Bulb Type

Upright, Pendent and Horizontal Sidewall

K-Factor (5.6) IMP – Dry Type Quick Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP – °C /°F
TY3935	Pendent	3/4" NPT 20mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome StainlessSteel	68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F
TY3735	Horizontal Sidewall					
TY3135	Upright	1" NPT 25mm or ISO 7-R				
TY3235	Pendent					
TY3335	Horizontal Sidewall					



XX		SIN
01	Pendent with Standard Escutcheon (3/4 in. NPT)	TY3935
02	Pendent with Deep Escutcheon (3/4 in. NPT)	
03	Pendent with Recessed Escutcheon (3/4 in. NPT)	
04	Pendent without Escutcheon (3/4 in. NPT)	
05	Sidewall with Standard Escutcheon (3/4 in. NPT)	TY3735
06	Sidewall with Deep Escutcheon (3/4 in. NPT)	
07	Sidewall without Escutcheon (3/4 in. NPT)	
36	Pendent with Standard Escutcheon (1 in. NPT)	TY3235
33	Pendent with Deep Escutcheon (1 in. NPT)	
37	Pendent with Recessed Escutcheon (1 in. NPT)	
32	Pendent without Escutcheon (1 in. NPT)	
38	Upright without Escutcheon (1 in. NPT)	TY3135



XX		SIN
34	Sidewall with Standard Escutcheon (1 in. NPT)	TY3335
43	Sidewall with Deep Escutcheon (1 in. NPT)	
44	Sidewall without Escutcheon (1 in. NPT)	

PART NUMBER: *-60-XXX-X-XXX

X	TEMPERATURE RATING
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
8	Chrome Plated	Stainless Steel
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.



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Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-60-360-9-180)



Dry Sprinklers

EXTENDED COVERAGE



DS-1, K-FACTOR (5.6) IMP, Glass Bulb Type Horizontal Sidewall

K-Factor (5.6) IMP - 5mm Bulb, Dry Type Standard Response, Extended Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP - °C /°F
TY3358	Horizontal Sidewall	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome StainlessSteel	68°C/155°F



K-Factor (5.6) IMP – 3mm Bulb, Dry Type Quick Response, Extended Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP – °C /°F
TY3338	Horizontal Sidewall	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome StainlessSteel	68°C/155°F

XXX	Extended Coverage Sidewall (1 in. NPT) Standard Response 5 mm Bulb	SIN
951	Temperature Rating 155°F (68°C)	TY3358

XXX	Extended Coverage Sidewall (1 in. NPT) Quick Response 3 mm Bulb	SIN
351	Temperature Rating 155°F (68°C)	TY3338

PART NUMBER: *-60-XXX-X-XXX

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
8	Chrome Plated	Stainless Steel
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-60-951-9-180)



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Order replacement escutcheons separately	
Standard (Push-On)	
White	91-106-0-007
Brass Plated	91-106-2-007
Chrome Plated	91-106-9-007



Stainless Steel Dry Sprinklers

STANDARD AND EXTENDED COVERAGE

tyco

DS-1, K-FACTOR (5.6) IMP, Glass Bulb Type

Pendent and Horizontal Sidewall

K-Factor (5.6) IMP - 5mm Bulb, Dry Type Standard Response					
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F
TY3250	Pendent	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET	Stainless Steel	68°C/155°F
TY3357	Horizontal Sidewall				79°C/175°F 93°C/200°F 141°C/286°F 182°C/360°F

K-Factor (5.6) IMP - 3mm Bulb, Dry Type Quick Response					
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F
TY3230	Pendent	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET	Stainless Steel	68°C/155°F
TY3337	Horizontal Sidewall				79°C/175°F
TY3339**	Horizontal Sidewall				93°C/200°F 141°C/286°F 182°C/360°F



PART NUMBER: *-60-XXX-6-XXX

X	TEMPERATURE RATING***
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F
5	182°C/360°F

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

XX	Pendent (1 in. NPT) Standard Response, Standard Coverage	SIN
21	Standard Escutcheon	TY3250
22	Recessed Escutcheon	
23	Deep Escutcheon	
24	Without Escutcheon	

XX	Horizontal Sidewall (1 in. NPT) Standard Response, Standard Coverage	SIN
25	Standard Escutcheon	TY3357
26	Deep Escutcheon	
27	Without Escutcheon	

XX	Pendent (1 in. NPT) Quick Response, Standard Coverage	SIN
11	Standard Escutcheon	TY3230
12	Recessed Escutcheon	
13	Deep Escutcheon	
14	Without Escutcheon	

XX	Horizontal Sidewall (1 in. NPT) Quick Response, Standard Coverage	SIN
15	Standard Escutcheon	TY3337
16	Deep Escutcheon	
17	Without Escutcheon	

XX	Horizontal Sidewall (1 in. NPT) Quick Response, Extended Coverage	SIN
18	Standard Escutcheon	TY3339**

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-60-251-6-180)

** TY3339 HSW Quick Response Extended Coverage sprinkler is available in 155°F (68°C) temperature rating only.

*** Temperature rating 360°F (182°C) applies to non-recessed sprinkler assemblies.



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Dry Sprinklers

STANDARD COVERAGE



DS-2, K-FACTOR (11.2) IMP, Glass Bulb Type, Pendent

K-Factor (11.2) IMP – 5mm Bulb, Dry Type Standard Response, Standard Coverage					
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F
TY5255	Pendent	1" NPT 25mm or ISO 7-R	K-(11.2) IMP K-(16.1) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome
					68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F

K-Factor (11.2) IMP – 3mm Bulb, Dry Type Quick Response, Standard Coverage					
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F
TY5235	Pendent	1" NPT 25mm or ISO 7-R	K-(11.2) IMP K-(16.1) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome
					68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F



XX	Pendent (1 in. NPT) Standard Response	SIN
10	With Flush Escutcheon	TY5255
11	With Recessed Escutcheon	
12	With Extended Escutcheon	
13	Without Escutcheon	

XX	Pendent (1 in. NPT) Quick Response	SIN
30	With Flush Escutcheon	TY5235
31	With Recessed Escutcheon	
32	With Extended Escutcheon	
33	Without Escutcheon	

PART NUMBER: *-61-XXX-X-XXX

X	TEMPERATURE RATING
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
4	Signal White (RAL9003)	Signal White (RAL9003)
5	Natural Brass	Brass Plated
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-61-101-9-180)



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Order replacement escutcheons separately			
Flush and Recessed		Deep	
White Color	854902	White Color	854802
Chrome Plated	854912	Chrome Plated	854812
Brass Plated	854922	Brass Plated	854822



Dry Sprinklers

EXTENDED COVERAGE



DS-2, K-FACTOR (11.2) IMP, Glass Bulb Type

Pendent, Light and Ordinary Hazard

K-Factor (11.2) IMP - 3mm Bulb, Dry Type, Extended Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP - °C /°F
TY5238	Pendent	1" NPT 25mm or ISO 7-R	K-(11.2) IMP K-(16.1) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome	68°C/155°F 79°C/175°F 93°C/200°F 141°C/286°F



XX	Pendent (1 in. NPT)	SIN
40	With Flush Escutcheon	TY5238
41	With Recessed Escutcheon	
42	With Extended Escutcheon	
43	Without Escutcheon	

PART NUMBER: *-61-XXX-X-XXX

X	TEMPERATURE RATING**
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
4	Signal White (RAL9003)	Signal White (RAL9003)
5	Natural Brass	Brass Plated
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-61-401-9-180)

** 286°F (141°C) temperature rating applies to non-recessed sprinkler assemblies.

** 286°F (141°C) temperature rating applies to non-recessed sprinkler assemblies.

Order replacement escutcheons separately			
Flush and Recessed		Deep	
White Color	854902	White Color	854802
Chrome Plated	854912	Chrome Plated	854812
Brass Plated	854922	Brass Plated	854822



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Dry Sprinklers

STANDARD RESPONSE, EXTENDED COVERAGE **tyco**

DS-3, K-FACTOR (11.2) IMP, Glass Bulb Type, Horizontal Sidewall

K-Factor (11.2) IMP - 5mm Bulb, Dry Type Standard Response, Extended Coverage					
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	
TY5339	Horizontal Sidewall	1" NPT 25mm or ISO 7-R	K-(11.2) IMP K-(16.1) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome
					68°C/155°F



XXX	Horizontal (1 in. NPT) Standard Response	SIN
161	Flush Escutcheon (1 in. NPT), 155°F (68°C)	TY5339
163	Flush Escutcheon (1 in. NPT), 200°F (93°C)	
171	Deep Escutcheon (1 in. NPT), 155°F (68°C)	
173	Deep Escutcheon (1 in. NPT), 200°F (93°C)	
151	Without Escutcheon (1 in. NPT), 155°F (68°C)	
153	Without Escutcheon (1 in. NPT), 200°F (93°C)	

PART NUMBER: *-61-XXX-X-XXX

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "1" for ISO 7-R 1 Inlet Thread Connection (e.g., 1-61-161-9-180)

Order replacement escutcheons separately			
Flush		Deep	
White Color	854902	White Color	854802
Chrome Plated	854912	Chrome Plated	854812
Brass Plated	854922	Brass Plated	854822



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Dry Sprinklers

STANDARD RESPONSE, STANDARD COVERAGE **tyco**

DS-8, K-FACTOR (8.0) IMP, Glass Bulb Type

Pendent and Horizontal Sidewall

K-Factor (8.0) IMP – 5mm Bulb, Dry Type Standard Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP – °C /°F
TY4255	Pendent	1" NPT 25mm or ISO 7-R	K-(8.0) IMP K-(11.0) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome StainlessSteel	68°C/155°F
TY4355	Horizontal Sidewall					79°C/175°F
						93°C/200°F
						141°C/286°F
						182°C/360°F



XX	Pendent (1 in. NPT) Standard Response	SIN
96	With Standard Escutcheon	TY4255
93	With Deep Escutcheon	
97	With Recessed Escutcheon	
92	Without Escutcheon	

XX	Horizontal (1 in. NPT) Standard Response	SIN
94	With Standard Escutcheon	TY4355
53	With Deep Escutcheon	
55	With Recessed Escutcheon	
54	Without Escutcheon	

PART NUMBER: *-65-XXX-X-XXX

X	TEMPERATURE*** RATING
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F
5	182°C/360°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
8	Chrome Plated	Stainless Steel**
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-65-961-9-180)

** The stainless steel escutcheon finish is available for the pendent sprinkler only.

*** 175°F (79°C) temperature rating applies to pendent sprinkler assemblies only.

Order replacement escutcheons separately			
Recessed (Style 10)		Standard (Push-On)	
Brass Plated	91-960-2-010	White Color Brass	91-106-0-007
Signal White	91-960-4-010	Plated	91-106-2-007
Chrome	91-960-9-010	Chrome	91-106-9-007
Stainless Steel	91-960-0-010	Stainless Steel	91-106-8-007
Standard Horizontal Sidewall		Deep	
Brass Plated	854922	Brass Plated	91-107-2-010
Signal White	854902	White	91-107-4-007
Chrome	854912	Chrome	91-107-9-007
		Stainless Steel	91-107-0-007



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Dry Sprinklers

QUICK RESPONSE, STANDARD COVERAGE

tyco

DS-8, K-FACTOR (8.0) IMP, Glass Bulb Type

Pendent and Horizontal Sidewall

K-Factor (8.0) IMP – 3mm Bulb, Dry Type Quick Response, Standard Coverage						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH		TEMP – °C /°F
TY4235	Pendent	1" NPT 25mm or ISO 7-R	K-(8.0) IMP K-(11.0) MET	SPRINKLER: Natural Brass Signal White Chrome	ESCUTCHEON: Brass Plated Signal White Chrome StainlessSteel	68°C/155°F
TY4335	Horizontal Sidewall					79°C/175°F 93°C/200°F 141°C/286°F



XX	Pendent (1 in. NPT) Quick Response	SIN
36	With Standard Escutcheon	TY4235
33	With Deep Escutcheon	
37	With Recessed Escutcheon	
32	Without Escutcheon	

XX	Horizontal (1 in. NPT) Quick Response	SIN
34	With Standard Escutcheon	TY4335
43	With Deep Escutcheon	
45	With Recessed Escutcheon	
44	Without Escutcheon	

PART NUMBER: *-65-XXX-X-XXX

X	TEMPERATURE*** RATING
1	68°C/155°F
2	79°C/175°F
3	93°C/200°F
4	141°C/286°F

X	SPRINKLER FINISH	ESCUTCHEON FINISH
0	Chrome Plated	Signal White (RAL9003)
1	Natural Brass	Signal White (RAL9003)
2	Natural Brass	Brass Plated
4	Signal White (RAL9003)	Signal White (RAL9003)
8	Chrome Plated	Stainless Steel**
9	Chrome Plated	Chrome Plated

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R1 Inlet Thread Connection (e.g., I-65-361-9-180)

** The stainless steel escutcheon finish is available for the pendent sprinkler only.

*** 175°F (79°C) temperature rating applies to pendent sprinkler assemblies only.

Order replacement escutcheons separately			
Recessed (Style 10)		Standard (Push-On)	
Brass Plated	91-960-2-010	White Color Brass	91-106-0-007
Signal White	91-960-4-010	Plated	91-106-2-007
Chrome	91-960-9-010	Chrome	91-106-9-007
Stainless Steel	91-960-0-010	Stainless Steel	91-106-8-007
Standard Horizontal Sidewall		Deep	
Brass Plated	854922	Brass Plated	91-107-2-010
Signal White	854902	White	91-107-4-007
Chrome	854912	Chrome	91-107-9-007
		Stainless Steel	91-107-0-007



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Dry Sprinklers

STANDARD COVERAGE



DS-C, K-FACTOR (5.6) IMP, Glass Bulb Type Concealed Pendent



K-Factor (5.6) IMP - 5mm Bulb, Dry Type Standard Response, Standard Coverage

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F
TY3555	Concealed Pendent	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET		68°C/155°F 93°C/200°F

K-Factor (5.6) IMP - 3mm Bulb, Dry Type Quick Response, Standard Coverage

SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP - °C /°F
TY3535	Concealed Pendent	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET		68°C/155°F 93°C/200°F

for use with 155°F (68°C) Sprinkler	FINISH	TEMP - °C /°F	PART NUMBER
Separately Ordered Cover Plate	Gray White (RAL9002) Brass Pure White (RAL9010) Signal White (RAL9003) Jet Black (RAL9005) Terra Brown (RAL8028) Chrome Custom	59°C/139°F	56-792-0-135 56-792-1-135 56-792-3-135 56-792-4-135 56-792-6-135 56-792-7-135 56-792-9-135 56-792-X-135

or use with 200°F (93°C) Sprinkler	FINISH	TEMP - °C /°F	PART NUMBER
Separately Ordered Cover Plate	Gray White (RAL9002) Brass Pure White (RAL9010) Signal White (RAL9003) Jet Black (RAL9005) Terra Brown (RAL8028) Chrome Custom	74°C/165°F	56-792-0-165 56-792-1-165 56-792-3-165 56-792-4-165 56-792-6-165 56-792-7-165 56-792-9-165 56-792-X-165

PART NUMBER: *-60-XXX-I-XXX

XX	Standard Response (5 mm Bulb)	SIN
86	Standard Coverage, Concealed Pendent (1 in. NPT)	TY3555
XX	Quick Response (3 mm Bulb)	SIN
46	Standard Coverage, Concealed Pendent (1 in. NPT)	TY3535

X	TEMPERATURE*** RATING
1	68°C/155°F
3	93°C/200°F

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R1 Inlet Thread Connection (e.g., I-60-86I-I-180)



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Dry Sprinklers

QUICK RESPONSE, EXTENDED COVERAGE

tyco

DS-ECC, K-FACTOR (5.6) IMP, Glass Bulb Type Concealed Pendent

K-Factor (5.6) IMP – 3mm Bulb, Dry Type Quick Response, Extended Coverage					
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	FINISH	TEMP – °C /°F
TY3539	Concealed Pendent	1" NPT 25mm or ISO 7-R	K-(5.6) IMP K-(8.0) MET		68°C/155°F 93°C/200°F

for use with 155°F (68°C) Sprinkler	FINISH	TEMP – °C /°F	PART NUMBER
Separately Ordered Cover Plate	Gray White (RAL9002)	59°C/139°F	56-792-0-135
	Brass		56-792-1-135
	Pure White (RAL9010)		56-792-3-135
	Signal White (RAL9003)		56-792-4-135
	Jet Black (RAL9005)		56-792-6-135
	Terra Brown (RAL8028)		56-792-7-135
	Chrome		56-792-9-135
	Custom		56-792-X-135

or use with 200°F (93°C) Sprinkler	FINISH	TEMP – °C /°F	PART NUMBER
Separately Ordered Cover Plate	Gray White (RAL9002)	74°C/165°F	56-792-0-165
	Brass		56-792-1-165
	Pure White (RAL9010)		56-792-3-165
	Signal White (RAL9003)		56-792-4-165
	Jet Black (RAL9005)		56-792-6-165
	Terra Brown (RAL8028)		56-792-7-165
	Chrome		56-792-9-165
	Custom		56-792-X-165

PART NUMBER: *-60-45X-1-XXX

XX	Quick Response (3 mm Bulb)	SIN
45	Extended Coverage, Concealed Pendent (1 in. NPT)	TY3539

X	TEMPERATURE*** RATING
1	68°C/155°F
3	93°C/200°F

XXX	Sample Order Length
055	5.50 in.
082	8.25 in.
180	18.00 in.
187	18.75 in.
372	37.25 in.
480	48.00 in.

Notes:

* Use Prefix "I" for ISO 7-R 1 Inlet Thread Connection (e.g., I-60-45I-1-180)



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Dry Sprinklers

EARLY SUPPRESSION, FAST RESPONSE

tyco

ESFR-17, K-FACTOR (16.8) IMP, Solder Pendent

K-Factor (16.8) IMP – Dry Type Early Suppression, Fast Response						
SIN NUMBER	ORIENTATION	THREAD SIZE	K-FACTOR	LENGTH	TEMP – °C /°F	PART NUMBER
TY7229	Pendent	1" NPT 25mm	K-(16.8) IMP	23 in	74°C/165°F 100°C/212°F	61-441-1-230 61-442-1-230
				30 in	74°C/165°F 100°C/212°F	61-441-1-300 61-442-1-300
				36 in	74°C/165°F 100°C/212°F	61-441-1-360 61-442-1-360
		23 in		74°C/165°F 100°C/212°F	1-61-441-1-230 1-61-442-1-230	
		30 in		74°C/165°F 100°C/212°F	1-61-441-1-300 1-61-442-1-300	
		36 in		74°C/165°F 100°C/212°F	1-61-441-1-360 1-61-442-1-360	
		ISO 7-1				



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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 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 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 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 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 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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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 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass Chrome Signal White Jet Black	68°C/155°F	50-305-1-155 50-305-9-155 50-305-4-155 50-305-5-155
				Natural Brass Chrome Signal White Jet Black	93°C/200°F	50-305-1-200 50-305-9-200 50-305-4-200 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 15mm	K-(5.6) IMP K-(8.0) MET	Natural Brass Chrome Signal White Jet Black	68°C/155°F	50-304-1-155 50-304-9-155 50-304-4-155 50-304-5-155
				Natural Brass Chrome Signal White Jet Black	93°C/200°F	50-304-1-200 50-304-9-200 50-304-4-200 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 15mm	K-(5.6) IMP K-(8.0) MET	Brass	71°C/160°F	50-630-0-160
					100°C/212°F	50-630-0-212
Cover Plate Assemblies For use with 160°F (71°C) sprinklers			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		59°C/139°F	56-214-0-135 56-214-1-135 56-214-2-135 56-214-3-135 56-214-4-135 56-214-6-135 56-214-7-135 56-214-8-135 56-214-9-135 56-214-X-135
Cover Plate Assemblies For use with 212°F (100°C) sprinklers			Ivory (RAL1015) Bright Chrome Beige (RAL1001) Pure White (RAL9010) Signal White (RAL9003) Gray White (RAL9002) Brown (RAL8028) Black (RAL9005) Brushed Brass Brushed Chrome Custom Paint		74°C/165°F	56-214-0-165 56-214-1-165 56-214-2-165 56-214-3-165 56-214-4-165 56-214-5-165 56-214-6-165 56-214-7-165 56-214-8-165 56-214-9-165 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 15mm	K-(4.2) IMP	Brass	93°C/200°F	51-311-T-200
TY3199			K-(5.6) IMP 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 15mm	K-(5.6) IMP K-(8.0) MET	White Gray Custom Color	74°C/165°F	50-310-4-165 50-310-9-165 50-310-X-165
TY1381	Horizontal Sidewall			White Gray Custom Color		50-312-4-165 50-312-9-165 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 15mm	K-(5.6) IMP K-(8.0) MET	White Gray Custom Color	74°C/165°F	50-311-4-165 50-311-9-165 50-311-X-165
TY1382	Horizontal Sidewall			White Gray Custom Color		50-318-4-165 50-318-9-165 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 1 in. x ISO 228 G3/8 in.	82198
Tee 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 15mm	K-(5.6) IMP K-(8.0) MET	Poly Stainless Steel Gray Aluminum RAL 9007	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-570-2-135 57-570-2-165 57-570-2-175 57-570-2-200 57-570-2-286 57-570-2-360
TY3251	Pendent				68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-571-2-135 57-571-2-165 57-571-2-175 57-571-2-200 57-571-2-286 57-571-2-360
TY3351	Horizontal Sidewall				68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-578-2-135 57-578-2-165 57-578-2-175 57-578-2-200 57-578-2-286 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 15mm	K-(5.6) IMP K-(8.0) MET	Poly Stainless Steel Gray Aluminum RAL 9007	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-370-2-135 57-370-2-165 57-370-2-175 57-370-2-200 57-370-2-286 57-370-2-360
TY3231	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-371-2-135 57-371-2-165 57-371-2-175 57-371-2-200 57-371-2-286 57-371-2-360
TY3331	Horizontal Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-378-2-135 57-378-2-165 57-378-2-175 57-378-2-200 57-378-2-286 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 20mm	K-(8.0) IMP K-(11.0) MET	Poly Stainless Steel Gray Aluminum 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 20mm	K-(8.0) IMP K-(11.0) MET	Poly Stainless Steel Gray Aluminum 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 (Old Style)	1/2"	K-(5.6) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (Old Style)	1/2" NPT 15mm	K-(5.6) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (Old Style)	3/4"	K-(8.0) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (Old Style) Special	1/2"	K-(5.6) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (Old Style) Special	3/4"	K-(8.0) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (Old Style)	1/2"	K-(5.6) IMP 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 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 (RAL9003) 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 (RAL9010) Polyester	141 / 286	77-570-4-286
					182 / 360	77-570-4-360
				Pure White (RAL9010) 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 (Old Style)	1/2" NPT 15mm	K-(5.6) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (RAL9005) 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 (Old Style)	3/4"	K-(8.0) IMP 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 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 (RAL9003) 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 (RAL9010) 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 (RAL9005) 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 15mm	K-(5.6) IMP K-(8.0) MET	White Gray	74°C/165°F	50-314-4-165 50-314-9-165
TY3381	Institutional Horizontal Sidewall			White Gray	74°C/165°F	50-316-4-165 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 15mm	K-(5.6) IMP K-(8.0) MET	White Gray	74°C/165°F	50-315-4-165 50-315-9-165
TY3382	Institutional Horizontal Sidewall			White Gray	74°C/165°F	50-317-4-165 50-317-9-165



Separately Ordered Escutcheons Style F (3 in. Diameter)	Carbon Steel	White Gray Chrome	56-314-4-010 56-314-7-010 56-314-9-010
	Stainless Steel	White Gray Chrome	56-318-4-010 56-318-7-010 56-318-9-010
Separately Ordered Escutcheons Style G (4 in. Diameter)	Carbon Steel	White Gray Chrome	56-312-4-010 56-312-7-010 56-312-9-010
	Stainless Steel	White Gray Chrome	56-319-4-010 56-319-7-010 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 15mm	K-(5.6) IMP K-(8.0) MET	Chrome Plated	74°C/165°F 100°C/212°F	51-104-9-165 51-104-9-212
TY3390	Institutional Horizontal Sidewall				74°C/165°F	51-106-9-165
Separately Ordered Escutcheons				Style A Style B1 Style C	56-012-7-622 56-001-7-511 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 15mm	K-(5.6) IMP K-(8.0) MET	Stainless Steel	74°C/165°F 100°C/212°F 138°C/212°F	53-112-0-165 53-112-0-212 53-112-0-280
TY4280		3/4" NPT 20mm	K-(8.0) IMP K-(11.0) MET		74°C/165°F 100°C/212°F 138°C/212°F	53-102-0-165 53-102-0-212 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 15mm	K-(5.6) IMP K-(8.0) MET	Stainless Steel	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-570-0-135 57-570-0-155 57-570-0-175 57-570-0-200 57-570-0-286 57-570-0-360
TY8291	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-571-0-135 57-571-0-155 57-571-0-175 57-571-0-200 57-571-0-286 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 20mm	K-(8.0) IMP K-(11.0) MET	Stainless Steel	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-590-0-135 57-590-0-155 57-590-0-175 57-590-0-200 57-590-0-286 57-590-0-360
TY9291	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-591-0-135 57-591-0-155 57-591-0-175 57-591-0-200 57-591-0-286 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 15mm	K-(5.6) IMP 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 15mm	K-(5.6) IMP 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 15mm	K-(5.6) IMP 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 15mm	K-(5.6) IMP 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 20mm	K-(8.0) IMP 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 20mm	K-(8.0) IMP 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 15mm	K-(5.6) IMP K-(8.0) MET	Stainless 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 20mm	K-(8.0) IMP K-(11.0) MET	Stainless 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 15mm	K-(5.6) IMP 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 15mm	K-(5.6) IMP 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 15mm	K-(5.6) IMP 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 20mm	K-(8.0) IMP 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 15mm	K-(5.6) IMP K-(8.0) MET	SMO (254 Duplex SS)	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-570-0-135M 57-570-0-155M 57-570-0-175M 57-570-0-200M 57-570-0-286M 57-570-0-360M
TY8292	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 182 / 360	57-571-0-135M 57-571-0-155M 57-571-0-175M 57-571-0-200M 57-571-0-360M
TY8392	Horizontal Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-578-0-135M 57-578-0-155M 57-578-0-175M 57-578-0-200M 57-578-0-286M 57-578-0-360M
TY8492	Vertical Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-575-0-135M 57-575-0-155M 57-575-0-175M 57-575-0-200M 57-575-0-286M 57-575-0-360M
TY8692	Conventional Upright				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-573-0-135M 57-573-0-155M 57-573-0-175M 57-573-0-200M 57-573-0-286M 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 15mm	K-(5.6) IMP K-(8.0) MET	SMO (254 Duplex SS)	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-370-0-135M 57-370-0-155M 57-370-0-175M 57-370-0-200M 57-370-0-286M 57-370-0-360M
TY8292	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-371-0-135M 57-371-0-155M 57-371-0-175M 57-371-0-200M 57-371-0-286M 57-371-0-360M
TY8392	Horizontal Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-378-0-135M 57-378-0-155M 57-378-0-175M 57-378-0-200M 57-378-0-286M 57-378-0-360M
TY8492	Vertical Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-375-0-135M 57-375-0-155M 57-375-0-175M 57-375-0-200M 57-375-0-286M 57-375-0-360M
TY8692	Conventional Upright				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-373-0-135M 57-373-0-155M 57-373-0-175M 57-373-0-200M 57-373-0-286M 57-373-0-360M



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Special Sprinklers

STANDARD RESPONSE

tyco

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 15mm	K-(5.6) IMP K-(8.0) MET	Titanium	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-570-0-135T 57-570-0-155T 57-570-0-175T 57-570-0-200T 57-570-0-286T 57-570-0-360T
TY8293	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-571-0-135T 57-571-0-155T 57-571-0-175T 57-571-0-200T 57-571-0-286T 57-571-0-360T
TY8393	Horizontal Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-578-0-135T 57-578-0-155T 57-578-0-175T 57-578-0-200T 57-578-0-286T 57-578-0-360T
TY8493	Vertical Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-575-0-135T 57-575-0-155T 57-575-0-175T 57-575-0-200T 57-575-0-286T 57-575-0-360T
TY8693	Conventional Upright				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-573-0-135T 57-573-0-155T 57-573-0-175T 57-573-0-200T 57-573-0-286T 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 15mm	K-(5.6) IMP K-(8.0) MET	Titanium	57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-370-0-135T 57-370-0-155T 57-370-0-175T 57-370-0-200T 57-370-0-286T 57-370-0-360T
TY8293	Pendent				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-371-0-135T 57-371-0-155T 57-371-0-175T 57-371-0-200T 57-371-0-286T 57-371-0-360T
TY8393	Horizontal Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-378-0-135T 57-378-0-155T 57-378-0-175T 57-378-0-200T 57-378-0-286T 57-378-0-360T
TY8493	Vertical Sidewall				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-375-0-135T 57-375-0-155T 57-375-0-175T 57-375-0-200T 57-375-0-286T 57-375-0-360T
TY8693	Conventional Upright				57 / 135 68 / 155 79 / 175 93 / 200 141 / 286 182 / 360	57-373-0-135T 57-373-0-155T 57-373-0-175T 57-373-0-200T 57-373-0-286T 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 15mm	K-(5.6) IMP 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 15mm	K-(5.6) IMP 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 20mm	K-(8.0) IMP 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 20mm	K-(8.0) IMP 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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