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PEREGRINE®

FIRE PROTECTION PRODUCTS



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ABOUT US



PEREGRINE is a subsidiary of a well-known Fire Protection business leader with unrivalled equipment supply, service, design, and project skills.

We are a one-stop shop for firefighting and safety solutions, with a comprehensive selection of products including fire sprinklers, Water Spray Systems, Standpipe and Hose Systems, Fire Pumps, Hydrant systems, and clean agent systems.

Our goal is to become a global business tycoon by providing high-quality, certified products and establishing trustworthy business relationships.

ABOUT US

- ✓ Quality
- ✓ Safety and Compliance
- ✓ Diversity and Inclusion
- ✓ Learning and Development

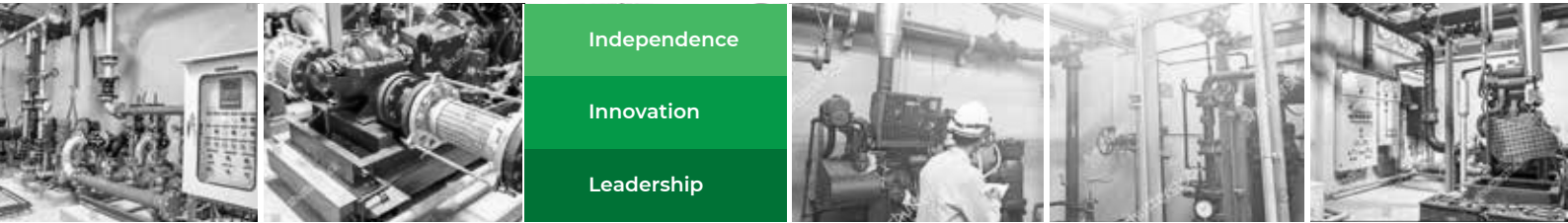
Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.



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MISSION

PEREGRINE is committed to providing high-quality, valued fire protection services to our customers all around the world. We will collaborate with our partners to identify possibilities for continuous development and expect the highest levels of protection in return. We shall make contributions for the betterment of our communities. Our financial success will be determined by satisfied customers, employees, and communities.



VISION

Protection of lives, property, mission continuity, and the environment for a brighter tomorrow.

SPRINKLERS



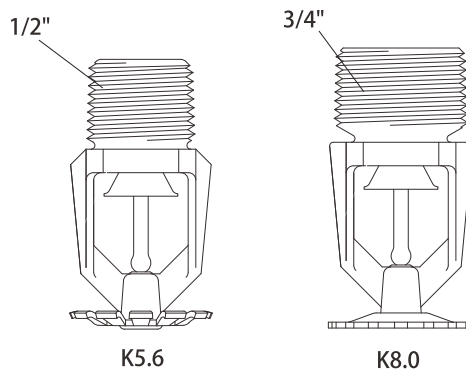
PENDENT SPRINKLER (QUICK RESPONSE)



A Pendent Sprinkler at Quick Response with 3 mm Glass Bulb Is Installed Downward On The Pipeline. When The Glass Bulb Breaks, The Water Stream Is Directed Downward Against The Deflector.



Response:	Quick with 3mm Glass Bulb
Escutcheon:	Recessed Escutcheon
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / CUL US
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (3mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Copper

SIZE & SPECIFICATIONS

PEREGRINE PART	PG02-5.6	PG02-5.6R	PG02-8.0	PG02-8.0R
OEM PART NO.	V2726	V2726R	V8125	V8125R
DEFLECTOR TYPE	PENDENT	RECESSED PENDENT	PENDENT	RECESSED PENDENT
RESPONSE	QUICK (3MM)	QUICK (3MM)	QUICK (3MM)	QUICK (3MM)
K FACTOR	K= 5.6 (8.1)	K= 5.6 (8.1)	K= 8.0 (11.5)	K= 8.0 (11.5)
CONNECTING SIZE	1/2" (DN15)	1/2" (DN15)	3/4" (DN20)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C			

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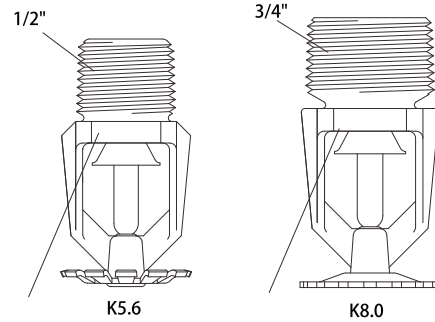
PENDENT SPRINKLER (STANDARD RESPONSE)



A Pendent Sprinkler at Standard Response with 5 mm Glass Bulb Is Installed Downward On The Pipeline. When The Glass Bulb Breaks, The Water Stream Is Directed Downward Against The Deflector.



Response:	Quick with 5mm Glass Bulb
Escutcheon:	Recessed Escutcheon
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / CUL US
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (5mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + W / Teflon	Deflector	Copper

SIZE & SPECIFICATIONS

PEREGRINE PART	PG01-5.6	PG01-8.0	PG01-5.6R	PG01-8.0R
OEM PART NO.	V2725	V8169	V2725R	V8169R
DEFLECTOR TYPE	PENDENT	PENDENT	RECESSED PENDENT	RECESSED PENDENT
RESPONSE	STANDARD(5MM)	STANDARD(5MM)	STANDARD(5MM)	STANDARD(5MM)
K FACTOR	K= 5.6	K= 8.0	K= 5.6	K= 8.0
CONNECTING SIZE	1/2" (DN15)	3/4" (DN20)	1/2" (DN15)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C, 360°F / 182°C		135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C	

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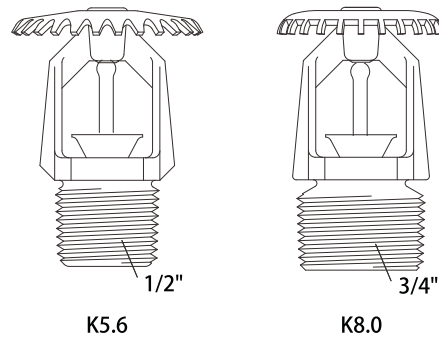
UPRIGHT SPRINKLER (QUICK RESPONSE)



An Upright Sprinkler at Quick Response with 3 mm Glass Bulb is Installed Upward On The Pipeline. When The Glass Bulb Breaks, The Water Stream Is Directed Upward Against The Deflector.



Response:	Quick with 3mm Glass Bulb
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (5mm & 3mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze

SIZE & SPECIFICATIONS

PEREGRINE PART	PG04-5.6	PG04-8.0
OEM PART NO.	V2704	V3402
DEFLECTOR TYPE	UPRIGHT	UPRIGHT
RESPONSE	QUICK (3MM)	QUICK (3MM)
K FACTOR	K= 5.6	K= 8.0
CONNECTING SIZ	1/2" (DN15)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C, / 175°F / 79°C, 200°F / 93°C , 286°F / 141°C	

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

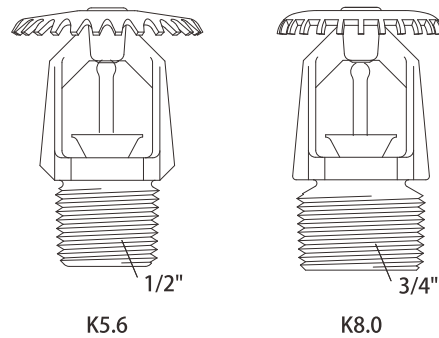
UPRIGHT SPRINKLER (STANDARD RESPONSE)



An Upright Sprinkler at Standard Response with 5 mm Glass Bulb Is Installed Upward On The Pipeline. When The Glass Bulb Breaks, The Water Stream Is Directed Upward Against The Deflector.



Response:	Quick with 5mm Glass Bulb
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (5mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze

SIZE & SPECIFICATIONS

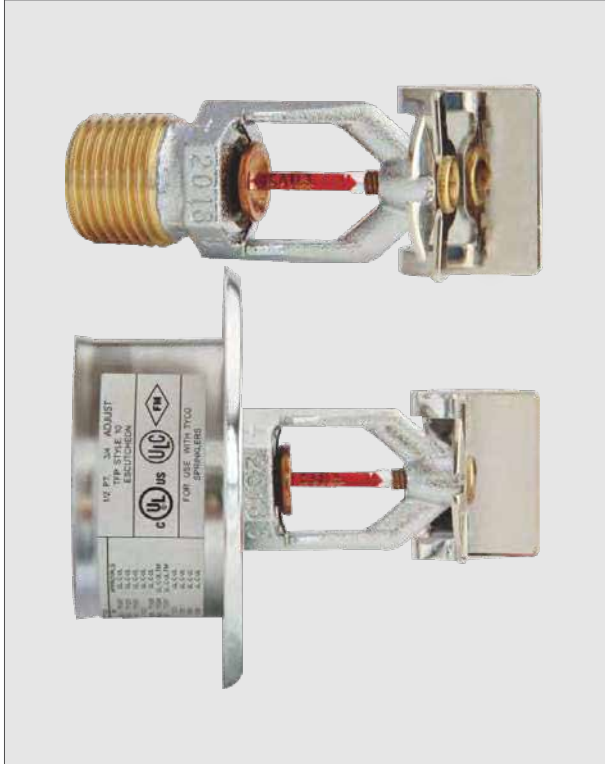
PEREGRINE PART	PG03-5.6	PG03-8.0
OEM PART NO.	V2073	V3401
DEFLECTOR TYPE	UPRIGHT	UPRIGHT
RESPONSE	STANDARD (5MM)	STANDARD (5MM)
K FACTOR	K= 5.6	K= 8.0
CONNECTING SIZE	1/2" (DN15)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C, 360°F / 182°C	

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

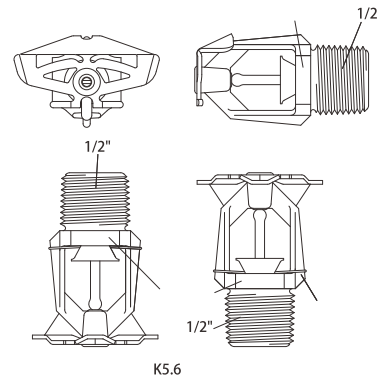
SIDEWALL SPRINKLER (QUICK RESPONSE)



A Sidewall Sprinkler at Quick Response with 3 mm Glass Bulb Is Installed Along A Wall Or Under A Beam, With Both Horizontal And Vertical Type. It Has A Half Shape Deflector, So The Water Coming Out Of The Orifice Shoots At One Side.



Response:	Quick with 3mm Glass Bulb
Escutcheon:	Recessed Escutcheon
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (3mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze

SIZE & SPECIFICATIONS

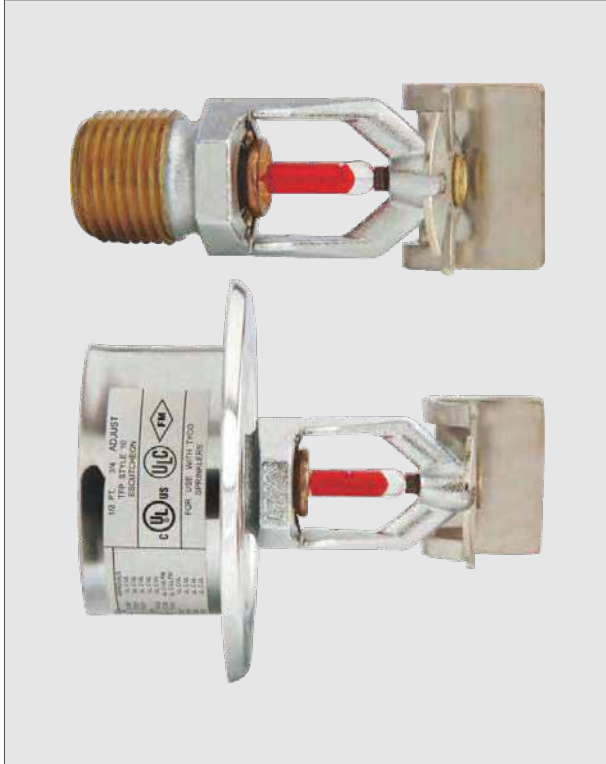
PEREGRINE PART	PG06-2.8	PG06-4.2	PG06-5.6	PG06-8.0
OEM PART NO.	V2826	V4226	V2710	V3410
DEFLECTOR TYPE	HORIZONTAL			
RESPONSE	QUICK (3MM)	QUICK (3MM)	QUICK (3MM)	QUICK (3MM)
K FACTOR	K= 2.8	K= 4.2	K= 5.6	K= 8.0
CONNECTING SIZ	1/2" (DN15)	1/2" (DN15)	1/2" (DN15)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C			

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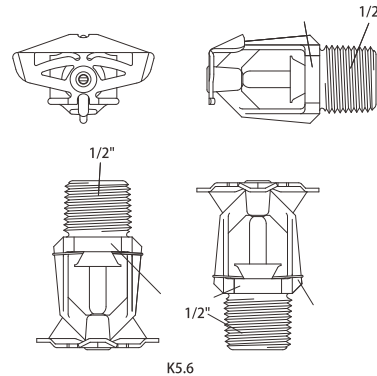
SIDEWALL SPRINKLER (STANDARD RESPONSE)



A Sidewall Sprinkler at Standard Response with 5 mm Glass Bulb Is Installed Along A Wall Or Under A Beam, With Both Horizontal And Vertical Type. It Has A Half Shape Deflector, So The Water Coming Out Of The Orifice Shoots At One Side.



Response:	Quick with 5mm Glass Bulb
Escutcheon:	Recessed Escutcheon
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (5mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze

SIZE & SPECIFICATIONS

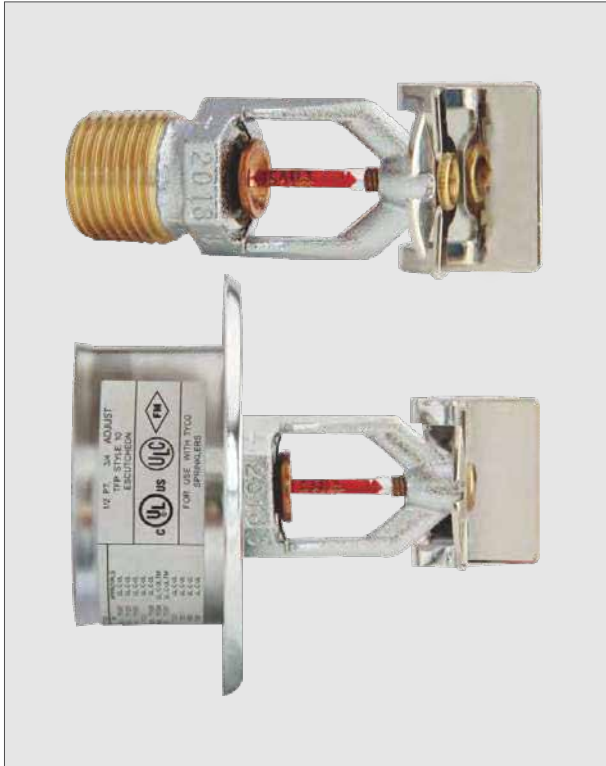
PEREGRINE PART	PG05-2.8SR	PG06-4.2SR	PG05-5.6SR	PG05-8.0SR
OEM PART NO.	V2870	V4270	V2709	V3409
DEFLECTOR TYPE	HORIZONTAL	VERTICAL PENDENT	VERTICAL UPRIGHT	RECESSED HORIZONTAL
RESPONSE	STANDARD (5MM)	STANDARD (5MM)	STANDARD (5MM)	STANDARD (5MM)
K FACTOR	K= 2.8	K= 4.2	K= 5.6	K= 8.0
CONNECTING SIZE	1/2" (DN15)	1/2" (DN15)	1/2" (DN15)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C, 360°F / 182°C			

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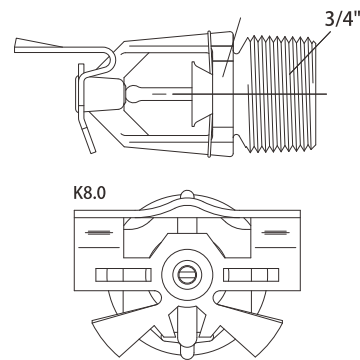
SIDEWALL SPRINKLER (HORIZONTAL & EXTENDED COVERAGE)



The Extended Coverage Horizontal Sidewall Sprinkler Features Coverage Up To 4.9 M Wide By 7.3 M Long. It Is Usually Installed Along A Wall, The Side Of A Beam Or Just Beneath A Level Ceiling, So For Light Hazard, Commercial Occupancies Application.



Response:	Quick with 3mm Glass Bulb
Escutcheon:	Recessed Escutcheon
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (3mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze

SIZE & SPECIFICATIONS

PEREGRINE PART	PG07-5.6 ECLH	PG07-8.0 ECLH
OEM PART NO.	V2758	V3416
DEFLECTOR TYPE	HSW	HSW
RESPONSE	QUICK (5MM)	QUICK (5MM)
K FACTOR	K= 5.6	K= 8.0
CONNECTING SIZE	1/2" (DN15)	3/4" (DN20)
TEMPERATURE	135°F / 57°C, 155°F / 68°C,	175°F / 79°C , 200°F / 93°C

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

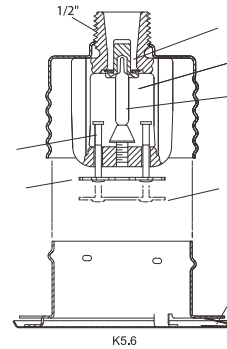
CONCEALED SPRINKLER



Concealed Sprinkler at Standard And Quick Response Is Decorative Sprinkler Featuring A Flat Cover Plate Designed To Conceal The Sprinkler For Aesthetical Benefit. When Expose To Heat From A Fire, The Cover Plate Fall Away And The Deflector Drops Down To Its Operational Position To Work As Similar Pendent Sprinkler.



Response:	Quick with 3mm Glass Bulb
Escutcheon:	Recessed Escutcheon
Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / White
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Bronze	Glass Bulb (5mm & 3mm)	Glycerin / Alcohol Solution
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze
Support Cup	Chrome Plated Steel	Cover Plate	Brass

SIZE & SPECIFICATIONS

PEREGRINE PART	PG08-5.65	PG08-5.6Q
OEM PART NO.	V3801	V3802
DEFLECTOR TYPE	STANDARD (5MM)	QUICK (3MM)
RESPONSE	K= 5.6	K= 5.6
K FACTOR	1/2" (12.7MM)	1/2" (12.7MM)
CONNECTING SIZE	1/2" (DN15)	1/2" (DN15)
TEMPERATURE	155°F / 68°C WITH 139°F / 59°C PLATE 200°F / 93°C WITH 165°F / 74°C PLATE	155°F / 68°C WITH 139°F / 59°C PLATE 200°F / 93°C WITH 165°F / 74°C PLATE
	135°F / 57°C , 155°F / 68°C 175°F / 79°C , 200°F / 93°C	175°F / 79°C , 200°F / 93°C

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BRAIDED FLEXIBLE SPRINKLER HOSE

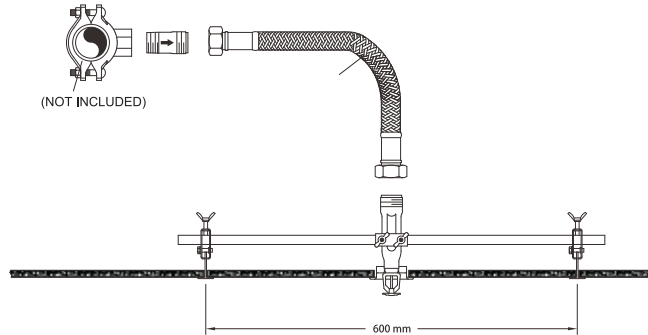


Braided Flexible Sprinkler Hose Is Metal Corrugated Hose Braided With Ss Wire Jacket, Together With Other Accessories.

It Features Good Flexibility, And It Is A Unique Sprinkler Drop Assembly Directly Mounted To Water Supply Pipe And Sprinkler Head Without Any Special Tools.



Hose Diameter:	0.0 = 35 mm 1-1/2" Flow ID 2.60 mm /1"
Inlet:	1" NPT or BSPT Male Thread
Outlet:	NPT or BSPT Female Thread
Working Pressure:	14 bavs / 203 Psi
Certificate:	UL Listed / FM Approved
Standard:	UL 2443



MATERIAL

Corrugated Hose	SS304 / SS316L ERW TUBE + SS WIRE BRAIDED JACKET	Inlet Nipple	Carbon Steel with Zinc Plated / SS304
Straight / Angle Reducer	Carbon Steel With Zinc Plated / SS304	Support bar	Carbon Steel With Zinc Plated

SIZE & SPECIFICATIONS

BRAIDED FLEXIBLE HOSES						
HOSE LENGHT (METER)	PRINKLER THREAD SIZE	K FACTOR	MAX NUMBER OF BEND	BENDING RADIUS (MM)	PEREGRINE PART NO.	OEM PART NO.
2.5	1/2"(DN15)	K= 8.0	2	100	PG15-400-700	RF-400-700
5.2	3/4"(DN20)	K= 14.0	2	100	PG20-400-700	RF-400-700
4.9	1"(DN25)	K= 25.2	2	100	PG25-400-700	RF-400-700
5.5	1/2"(DN15)	K= 8.0	3	100	PG15-400-1000	RF-400-1000
7.7	3/4"(DN20)	K= 14.0	3	100	PG20-400-1000	RF-400-1000
7.1	1"(DN25)	K= 25.2	3	100	PG25-400-1000	RF-400-1000
5.8	1/2"(DN15)	K= 8.0	3	100	PG15-400-1200	RF-400-1200
8.9	3/4"(DN20)	K= 14.0	3	100	PG20-400-1200	RF-400-1200
7.7	1"(DN25)	K= 25.2	3	100	PG25-400-1200	RF-400-1200
7.4	1/2"(DN15)	K= 8.0	3	100	PG15-400-1500	RF-400-1500
9.5	3/4"(DN20)	K= 14.0	3	100	PG20-400-1500	RF-400-1500
9.2	1"(DN25)	K= 25.2	3	100	PG25-400-1500	RF-400-1500

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UNBRAIDED FLEXIBLE SPRINKLER HOSE

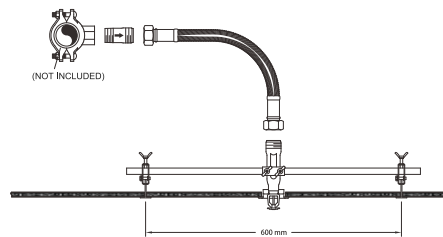


Braided Flexible Sprinkler Hose Is Metal Corrugated Hose Braided With Ss Wire Jacket, Together With Other Accessories.

It Features Good Flexibility, And It Is A Unique Sprinkler Drop Assembly Directly Mounted To Water Supply Pipe And Sprinkler Head Without Any Special Tools.



Hose Diameter:	O.D. 26.8 mm, with flow 22.5 mm
Inlet:	1" NPT or BSPT Male Thread
Outlet:	NPT or BSPT Female Thread
Working Pressure:	14 bars (203 Psi)
Temperature:	Max Ambient 66°C / 150°F
Certificate:	UL Listed
Standard:	UL 2443



MATERIAL

Corrugated Hose	55304 / SS316L ERW Tube	Inlet Nipple	Carbon Steel With Zinc Plated / SS304
Straight / Angle Reducer	Carbon Steel With Zinc Plated / SS304	Support bar	Carbon Steel With Zinc Plated

SIZE & SPECIFICATIONS

UNBRAIDED FLEXIBLE HOSES						
HOSE LENGHT (METER)	PRINKLER THREAD SIZE	K FACTOR	MAX NUMBER OF BEND	BENDING RADIUS (MIN.MM)	PEREGRINE PART NO.	OEM PART NO.
8.2	1/2"(DN15)	K= 5.6	2	100	PG15-100-700	RF-100-700
8.5	3/4"(DN20)	K= 14.0	2	100	PG20-100-700	RF-100-700
11.3	1/2"(DN15)	K= 5.6	3	100	PG15-100-1000	RF-100-1000
12.5	3/4"(DN20)	K= 14.0	3	100	PG20-100-1000	RF-100-1000
14.9	1/2"(DN15)	K= 5.6	3	100	PG15-100-1200	RF-100-1200
14.3	3/4"(DN20)	K= 14.0	3	100	PG20-100-1200	RF-100-1200
19.2	1/2"(DN15)	K= 5.6	3	100	PG15-100-1500	RF-100-1500
19.5	3/4"(DN20)	K= 14.0	3	100	PG20-100-1500	RF-100-1500
23.8	1/2"(DN15)	K= 5.6	4	100	PG15-100-1800	RF-100-1800
24.4	3/4"(DN20)	K= 14.0	4	100	PG20-100-1800	RF-100-1800

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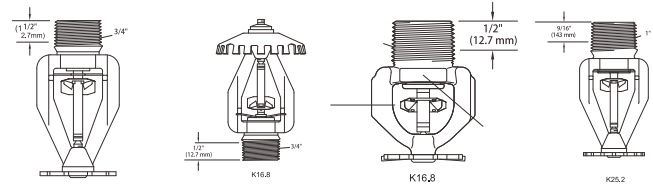
ESFR SPRINKLER



Esfr (Early Suppression Fast Response) Sprinkler Is Designed To Completely Extinguish The Fire By Releasing Large Volumes Of Water Quickly. And It Is Especially Advantageous When Protecting High-piled Storage.



Thread:	NPT / BSPT
Working Pressure:	175 psi (1.21 MPa)
Coverage Area:	Max 9.3m / Min 5.8m ²
Finish:	Rough Brass
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Brass	Link Assembly	Fusible Metal, Nickle Solder
Struct	Monet	Hook	Monet
Sealing Assembly	Beryllium Nickel + w / Teflon	Deflector	Bronze

SIZE & SPECIFICATIONS

PEREGRINE PART	PG10-14.0	PG10-16.8	PG10-16.8U (NO UL)	PG10-25.2
OEM PART NO.	S10-14.0	V4702	S10-16.8U (NO UL)	S10-25.
DEFLECTOR TYPE	PENDENT	PENDENT	UPRIGHT	PENDENT
RESPONSE	FUSIBLE METAL	FUSIBLE METAL	FUSIBLE METAL	FUSIBLE METAL
K FACTOR	K= 14.0	K= 16.8	K= 16.8	K= 25.2
CONNECTING SIZE	3/4" (DN20)	3/4" (DN20)	3/4" (DN20)	1" (DN25)
TEMPERATURE	165°F / 74°C, 214°F / 101°C	165°F / 74°C, 212°F / 100°C	165°F / 74°C, 212°F / 100°C	165°F / 74°C, 212°F / 100°C

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

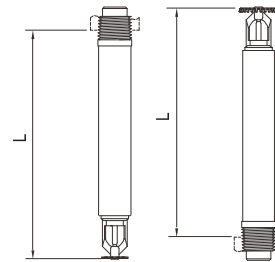
DRY-TYPE SPRINKLER



Dry Type Sprinkler At Standard Response With 5 Mm Glass Bulb Has Pendant, Upright, And Horizontal Sidewall Types. It Is Used On Dry Pipe System That Are Exposed To Freezing Temperatures Or Seasonably Drained To Avoid Freezing.



Thread:	1" NPT or BSPT
K Factor:	K=5.6
Response:	Standard With 5mm Mass Bulb
Working Pressure:	175 psi (1.21 MPa)
Sprinkler Finish:	Rough Brass / Chrome Plated / White White
Escutcheon:	Polyester / Chrome Plated
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Inlet	Copper	Glass Bulb (5mm)	Glycerin / Alcohol Solutions
Casing	Galvanized Carbon Steel	Sealing Assembly	Beryllium Nickel + w / Teflon
Frame	Bronze	Deflector	Bronze

SIZE & SPECIFICATIONS

PEREGRINE PART	PG13-PS	PG13-PR	PG13-PD	PG13-PW	PG13-UW	PG13-HS	PG13-HD	PG13-HW
OEM PART NO.	S13-PS	S13-PR	S13-PD	S13-PW	S13-UW	S13-HS	S13-HD	S13-HW
DEFLECTOR TYPE	PENDENT	PENDENT	PENDENT	PENDENT	UPRIGHT	HORIZONTAL	HORIZONTAL	HORIZONTAL
ESCUTCHEON TYPE	STANDARD	RECESSED	DEEP	WITHOUT	WITHOUT	STANDARD	DEEP	WITHOUT
LENGHT (MM)	69.9 TO 1219.2	95.3 TO 1219.2	12.7 TO 1168.4	12.7 TO 1219.2	12.7 TO 1219.2	69.9 TO 1219.2	12.7 TO 1162.1	139.7 TO 121.92
TEMPERATURE	135°F / 57°C, 155°F / 68°C, 175°F / 79°C, 200°F / 93°C, 286°F / 141°C, 360°F / 182°C							

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

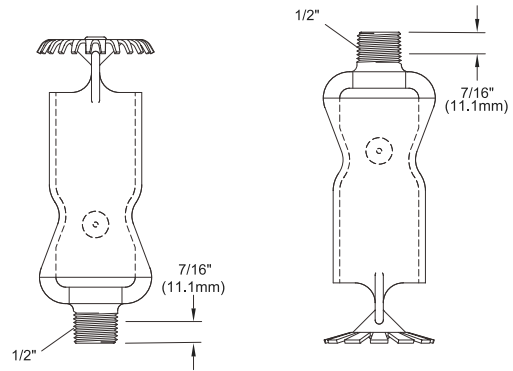
FOAM WATER SPRINKLER



Foam Water Sprinkler Is Air Aspirating Foam Discharge Outlet Used In Foam Water Deluge System. As Foam Solution Flows Through The Inlet, Air Is Also Drawn Into The Body. The Foam Solution And Air Mix Is Then Agitated To Create An Air Aspirated Foam, It Prevents Flammable Liquid Risks By Discharging Foam In A Predetermined Pattern, Also It Can Discharge Water Similar To Standard Spray Sprinkler.



Thread:	1/2" NPT
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass
Certificate:	UL Listed
Standard:	ANSI / UL 199



MATERIAL

Body	Bronze	Deflector	Brass
Agitator	Brass	Wrench Area	Bronze

SIZE & SPECIFICATIONS

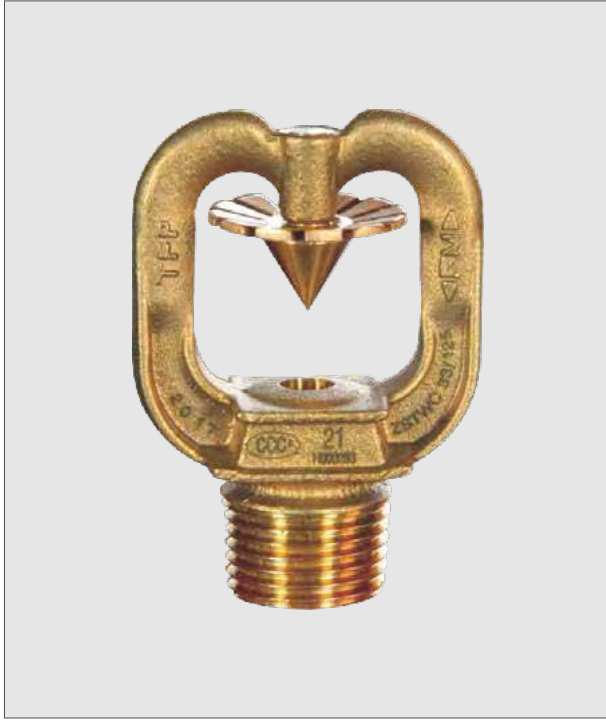
PEREGRINE PART	PG14-3.0P	PG14-3.0U
OEM PART NO.	PG14-3.0P	PG14-3.0U
DEFLECTOR TYPE	PENDENT	UPRIGHT
K FACTOR	K=3.0 (43.2)	K=3.0 (43.2)
CONNECTING SIZE	1/2" (DN15)	1/2" (DN15)

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

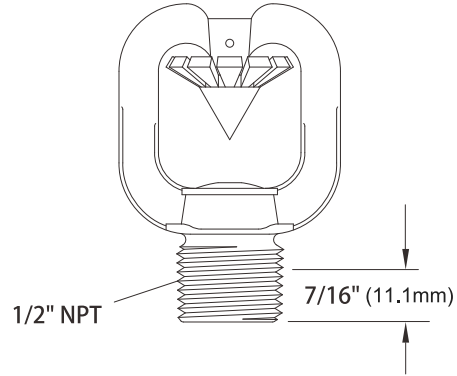
OPEN SPRAY NOZZLE (MEDIUM VELOCITY)



Open Spray Nozzle Is Designed To Apply Cooling Water To Exposed Vertical, Horizontal, Curved, And Irregular Shaped Surfaces To Allow Cooling Of Objects. It Is External Deflector Type Nozzle That Discharges Medium Velocity Water Droplets In Different Cone Shape To Prevent Excessive Absorption Of Heat From A Fire.



Thread:	1" NPT
Working Pressure:	175 psi (1.21 MPa)
Coverage Area:	65° -180 °
Finish:	Rough Brass / Nickel Teflon
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Frame	Die Cast Brass	Deflector	Brass as UNS-051000
Splitter	Brass as UNS-C36000	Bushing	Brass as UNS-C36000

SIZE & SPECIFICATIONS

PEREGRINE PART	PG11-12	PG11-18	PG11-23	PG11-32	PG11-41	PG11-49	PG11-56	PG11-72
OEM PART NO.	S11-12	S11-18	S11-23	S11-32	S11-41	S11-49	S11-56	S11-72
K FACTOR	K=1.0 (1.7 ,METRIC)	K=1.8 (2.6 ,METRIC)	K=2.3 (3.3 ,METRIC)	K=3.2 (4.6 ,METRIC)	K=4.1 (7.1 ,METRIC)	K=4.9 (7.1 ,METRIC)	K=5.6 (8.1 ,METRIC)	K=1.2 (10.4 ,METRIC)
MIN. ORIFICE (MM)	5.16	6.35	7.14	8.33	9.53	10.55	11.13	12.70
SPRAY ANGLE	65° ,85° ,95° ,110° ,125° ,140° ,160° ,180°							

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

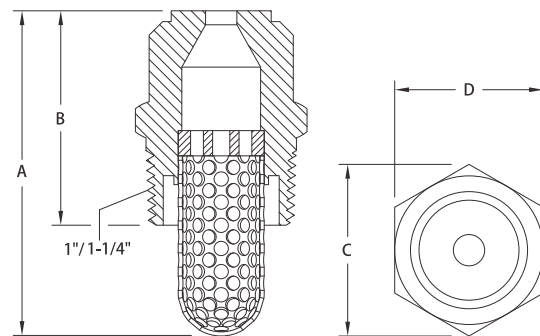
OPEN SPRAY NOZZLE (MEDIUM VELOCITY)



High Velocity Directional Spray Nozzle With Individual Inlet Strainer Is Used In Water Spray Systems For Protection Of Electrical Hazards Such As Transformers, Circuit Breakers, Diesel Engines, And Oil Fire Boilers. It Also Capable Of Rapidly Extinguishing Oil Fires.



Thread:	NPT / BSPT
Water Distribution:	Optimum Flow Pressure 30-80 psi
Working Pressure:	175 psi (1.21 MPa)
Finish:	Rough Brass / Chrome Plated / SS
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 199



MATERIAL

Body	Bronze / SS316	Swirl Plate	Bronze / SS316
Stranier	Brass or Copper / SS316 or SS316L	Stranier	Brass or Copper / SS316 or SS316L

SIZE & SPECIFICATIONS

PEREGRINE PART	PG12-14	PG12-26	PG12-45
OEM PART NO.			
K FACTOR	K= 1.6 (23.0)	K= 2.8 (40.3)	K= 5.5 (79.2)
CONNECTING SIZE	1"	1"	1"
STRAINER HOLE (MM)	2.4	2.4	3.2
A (MM)	71.9	71.9	76.2
B (MM)	47.1	47.1	51.6
C (MM)	38.1	38.1	38.1
D (MM)	33.0	33.0	33.0

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

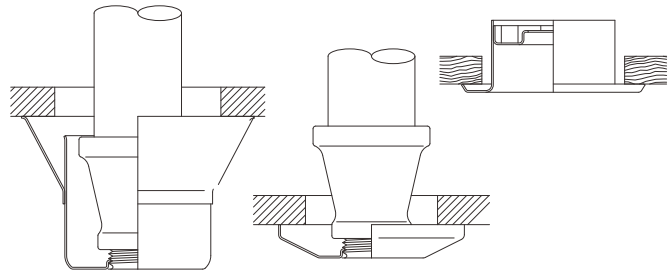
SPRINKLER ESCUTCHEON



One Piece And Two Piece Sprinkler Escutcheon Is Installed Together With Certain Pendent And Horizontal Sidewall Sprinklers. And It Is Used To Improve The Overall Appearance By Concealing The Clearance Holes.



Type:	One Piece / Two Piece
Closure:	Carbon Steel / SS (Two Piece)
Mounting Plate:	Carbon Steel / SS
Finish:	Chrome Plated / White Painting / Brass
Certificate:	UL Listed / FM Approved
Thread:	NPT / BSPT



MATERIAL

SIZE & SPECIFICATIONS

ESCUTCHEON	ESCUTCHEON TYPE	THREAD SIZE	TOTAL ADJUSTMENT (MM)	PEREGRINE PART NO.	OEM PART NO.
ONE PIECE	FLUSH	1/2" (DN15)	N/A	PG17-15F	S17-15F
ONE PIECE	FLUSH	3/4" (DN20)	N/A	PG17-20F	S17-20F
TWO PIECE	DEEP	1/2" (DN15)	LITTLE	PG17-15D	S17-15D
TWO PIECE	DEEP	3/4" (DN20)	LITTLE	PG17-20D	S17-20D
TWO PIECE	RECESSED	1/2" (DN15)	19.1	PG17-10	S17-10
TWO PIECE	RECESSED	1/2" (DN15)	15.9	PG17-15	S17-15
TWO PIECE	RECESSED	1/2" (DN15)	12.7	PG17-20	S17-20
TWO PIECE	RECESSED	3/4" (DN20)	12.7	PG17-30	S17-30
TWO PIECE	RECESSED	3/4" (DN20)	19.1	PG17-40	S17-40
TWO PIECE	RECESSED	1/2" (DN15)	9.5	PG17-50	S17-50
TWO PIECE	RECESSED	3/8" (DN10)	19.1	PG17-70	S17-70

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

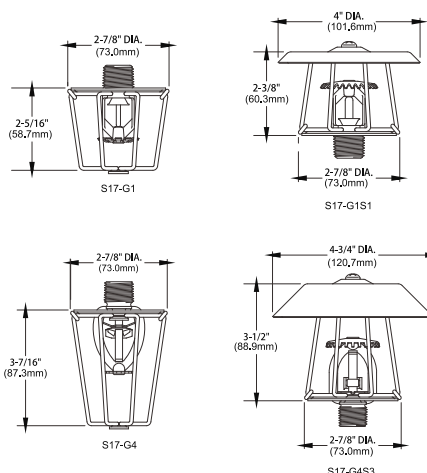
SPRINKLER GUARD



Sprinkler Guard Is Used To Protect Specific Types Of Sprinklers Located In Areas That Make Them Susceptible To Damage. Moreover, An Additional Shield Type Could Help To Avoid The Sprinkler Damage From Water Spray Of Higher Elevation Sprinkler (For Example, Rack Storage Sprinkler Installations).



Base Plate:	Carbon Steel
Guard Bar::	Carbon Steel
Finish:	Red painted / Zinc Chromate
Certificate:	UL Listed / FM Approved
Type:	Non Shield / Shield with Screw



MATERIAL

SIZE & SPECIFICATIONS

PEREGRINE PART	PG18-G1	PG18-G4	PG18-G1S1	PG18-4S3
OEM PART NO.	S18-G1	S18-G4	S18-G1S1	S18-4S3
K FACTOR	K=2.8 K=.6 K=8.0 (1/52" NPT) K=8.0 (3/4" NPT)	K=5.6 K=8.0 (1/2" NPT) K=8.0 (3/4" NPT)	K=.6 K=8.0 (3/54" NPT)	K=5.6 K=8.0 (1/2" NPT) K=8.0 (3/4" NPT)
SPRINKLER TYPE	PENDENT / UPRIGHT	PENDENT/UPRIGHT/ SIDEWALL	UPRIGHT	UPRIGHT
SPRINKLER MOUNTING LOCATION	THREAD RELIEF / WRENCH	THREAD RELIEF / WRENCH	THREAD RELIEF	WRENCH AREA
SHIELD FITTED	N/A	N/A	SHIELDED	SHIELDED

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

SPRINKLER HEAD WRENCH



Sprinkler Head Wrench, Also Known As Fire Sprinkler Spanner, Is Used To Provide Mechanical In Advantage In Turning Sprinkler Head In Installation Or Maintenance. Be Careful When Torque Force Surpasses The Rated Level, It Will Damage Sealed Orifice To Cause Leaking Or Impairment Of The Sprinkler.



Application:	Standard Sprinkler / ESFR Sprinkler Recessed Sprinkler / Concealed Sprinkler
Material:	Carbon Steel
Finish:	Zinc / Chromed Coated
Certificate:	ISO
Connection:	1/2"-1" (DN15-DN25)



MATERIAL

SIZE & SPECIFICATIONS

OEM PART NO.	CONNECTION SIZE	TORQUE FORCE (NM)	APPLICATION	PEREGRINE PART NO.	REF. NO.
ADJUSTABLE WRENCH	1/2", 3/4" AND 1"	10 - 20 (1/2") 13 - 27 (3/4" ET 1")	STANDARD SPRINKLER	PG19-STD3	S19-STD3
HEAVY DUTY WRENCH	1/2", 3/4"	10 - 20	STANDARD SPRINKLER	PG19-SH2	S19-SH2
OPEN END SLOPE WRENCH	1/2", 3/4"	10 - 20	RECESSED AND CONCEALED SPRINKLER	PG19-RC2	S19-RC2
ROTARY WRENCH	1/2"	10 - 20	RECESSED AND CONCEALED SPRINKLER	PG19-RC1	S19-RC1

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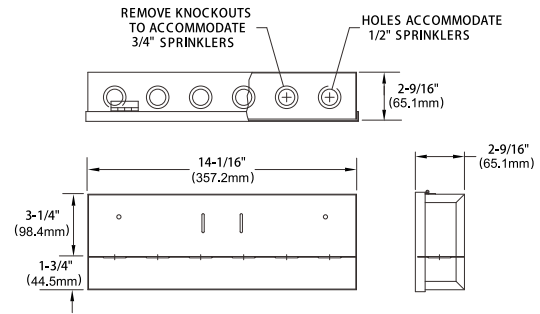
SPRINKLER CABINET



Sprinkler Cabinet Is Constructed Of Metal Enclosures With Hinged Covers. And It Provides Onsite Storage Of An Emergency Supply Of Sprinklers And A Sprinkler Wrench.



Body:	Heavy Gauge Carbon Steel
Mounting:	Wall Mounting / Strap Type Hanger
Finish:	Red Painted
Certificate:	ISO
Capacity:	From 3pcs to 12pcs
	Sprinklers Head



6 SPRINKLER CABINET

SIZE & SPECIFICATIONS

CAPACITY OF SPRINKLER (PCS)	SPRINKLER SIZE	THREAD SIZE	SPRINKLER WRENCH INCLUDED	PEREGRINE PART NO.	OEM PART NO.
3	1/2" OR 3/4"	YES	0.68	PG20-3	S20-3
6	1/2" OR 3/4"	YES	1.04	PG20-6	S20-6
12	1/2" OR 3/4"	YES	1.81	PG20-12	S20-12
6 ESFR	3/4" OR 1"	YES	1.36	PG20-6E	S20-6E

SPRINKLER USED IN SYSTEM (PCS)	SPARE SPRINKLER REQUIRED (PCS)	As Nfpa 13, It Requires Spare Of Each Type Of Sprinkler Used In A Sprinkler System To Be Stored In A Cabinet Onsite So Far Immediate Removal And Replacement That May Have Operated Or Become Damaged.
UNDER 300	6	
300 - 1000	12	
OVER 1000	24	

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.



INDEX

PRESSURE & SUPERVISORY SWITCH



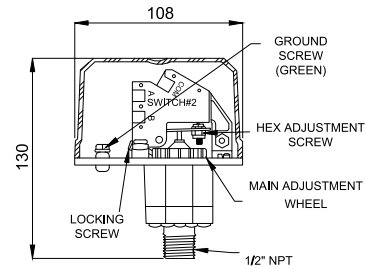
ALARM PRESSURE SWITCH



Alarm Pressure Switch Is Equipped On Alarm Check Valve To Indicate A Discharge From Sprinkler Side And Transmit The Signal Automatically To Main Control Panel.
It Contains Two Spdt Switches, And It Features Field Adjustable Pressure To Provide An Alarm Response 4-20 Psi / 10-100 Psi.



Size:	130 x 84 x 108 mm
Connection:	1/2" NPT male
Temperature:	-40°C to 71 °C
Enclosure:	Rated UL 4X / NEMA 4 (IP54)
Certificate:	UL Listed / FM Approved
Standard:	UL 753 / FM 3132



SIZE & SPECIFICATIONS

PEREGRINE PART NO.	PG03-10	PG03-40
OEM PART NO.		
APPLICATION	MAINLY IN WET SYSTEM	MAINLY IN DRY SYSTEM
ADJUSTMENT PRESSURE RANGE	4 -20 PSI	10 -100 PSI
DIFFERENTIAL	APPROXIMATE 3 PSI THROUGHOUT RANGE	APPROX. 3 PSI AT 10 PSI / APPROX. 6 PSI AT 100 PSI
FACTORY SETTING	OPERATE ON RISING OR FALLING PRESSURE AT 4-8 PSI	OPERATE ON RISING PRESSURE AT 50PSI AND DECREASING PRESSURE AT 30PSI
CONTACT RATINGS (2 OF SPDT)	10.0A AT 1/2 HP @ 125/250 VAC, 2.5A @ 6/12/24VDC	10.0A AT 1/2 HP @ 125/250 VAC, 2.5A @ 6/12/24VDC
MAX OPERATING PRESSURE	250 PSI	250 PSIT

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

PRESSURE SWITCH



WEFLO

FIG. WPS10-1 / WPS10-2

WPS40-1 / WPS40-2

WPS120-1 / WPS120-2

Features

Maximum Adjustment Pressure Range:

- ✓ WPS10-1 / WPS10-2: 4-20 psi.
- ✓ WPS40-1 / WPS40-2: 10-100 psi.
- ✓ WPS120-1 / WPS120-2: 10-200 psi.

Factory Setting:

- ✓ WPS10-1, WPS10-2: 4-8 psi.
- ✓ WPS40-1: operates at decreasing pressure at 30 psi.
- ✓ WPS40-2: operates at increasing pressure at 50 psi and decreasing pressure 30 psi.
- ✓ WPS120-1: operates at decreasing pressure at 110 psi.
- ✓ WPS120-2: operates at increasing pressure at 130 psi and decreasing pressure 110 psi.

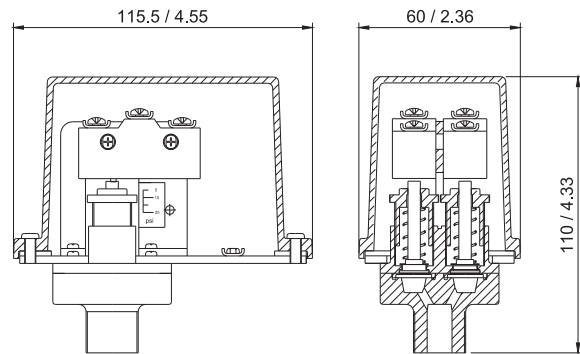
Approximate Differential:

- ✓ WPS10-1 / WPS10-2: 3 psi throughout range. WPS40-1 / WPS40-2: 3 psi @ 10 psi & 6psi @ 100 psi.
- ✓ WPS120-1 / WPS120-2: 3 psi @ 10 psi & 9 psi @ 200 psi.

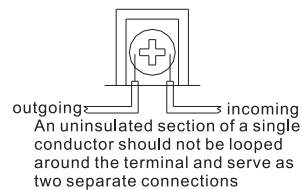
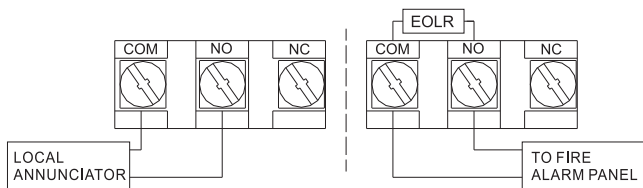
Contact Rating:

- ✓ 10A @ 125/250VAC, 2.5A @ 30VDC.

SCHEMATIC & DIMENSIONS (MM | INCH)



TYPICAL CONNECTIONS



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PRESSURE GAUGE

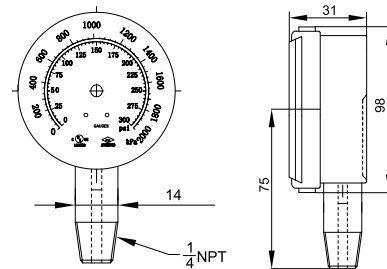


Pressure Gauge (Fire Sprinkler Gauge) Is Specially Designed For Fire Sprinkler Systems And Suitable For Air And Water Media.

It Has Dual Scales (Psi/kpa, Psi/bar, Psi/kg/cm²) And Single Scale (Psi) Pressure Ratings, Which Provides An Easy And Visual Way To Prove The Fire Sprinkler System Has An Adequate Supply Of Water.



Dial Diameter:	3.5"(90mm)
Connection:	1/4"NPT
Full Scale Value:	300 psi
Working Pressure:	Max 75% of full Scale Value
Accuracy:	3% - 2% - 3% AS ASME Gr. B
Temperature:	-40°C to 65°C
Enclosure:	IP 52
Ref. No.:	
Certificate:	UL Listed / FM Approved
Standard:	UL 393 / ASME B40.100

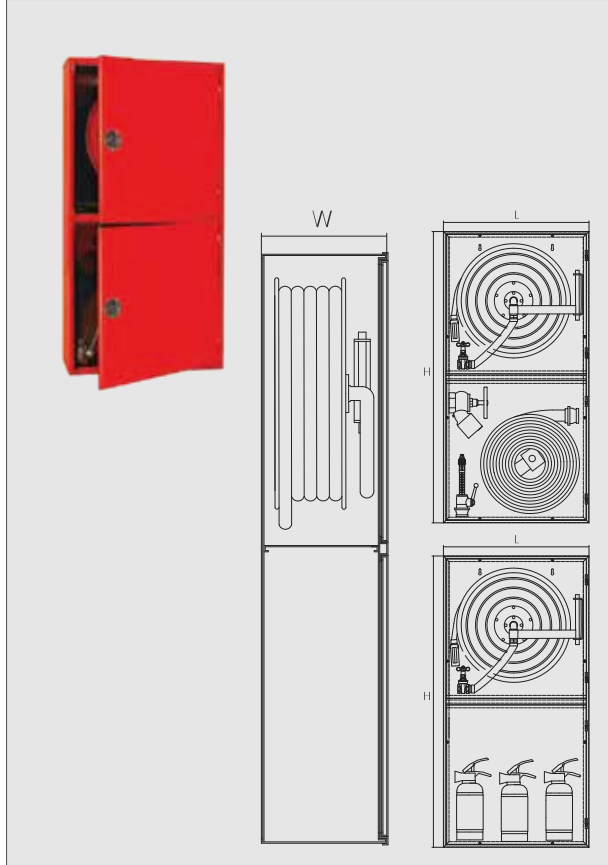


MATERIAL

Dial	White Aluminum With Black Markings	Case	Black Plastic
Lens	Polycarbonate, Threaded	Socket	Brass
Bourdon Tube	Phosphor Bronze	Movement	Brass
Pointer	Aluminum, Black	Welding	Silver Alloy

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

UP-DOWN FIRE CABINET (DUAL COMPARTMENT)



• Certificate:	ISO
• Capacity:	Fire hose reel + layflat hose
	Fire hose reel + fire extinguisher
• Mounting:	Wall / recessed / semi-recessed
• Size:	Compact size / customized
• Door:	Up-down double doors (open 170°)
• Surface:	Red epoxy powder coating (steel)
	Bright finish (SS or AL)

MATERIAL

Frame	Mild steel / SS / AL, thickness ≥ 0.9 mm	Door	Full metal
Window	Non	Door lock	SS or plastic,
			press-button lock / cam lock / or rotary lock

SIZE IT SPECIFICATIONS

CONTENT	CAPACITY	DISMENSION (MM)			MODEL
		D	W	H	
HOSE REEL + LAYFLAT	19 X 30M	300	700	1400	F50-19H
HOSE ASSEMBLY	25 X 30M	300	700	1400	F50-25H
HOSE REEL + 9 KG DP	19 X 30M	300	700	1400	F50-19F
EXTINGUISHER	25 X 30M	300	700	1400	F50-25F

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

SUPERVISORY SWITCH

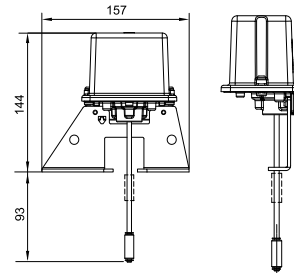


Supervisory Switch Is Designed To Equip On Osety (Outside Screw And Yoke) Gate Valve To Monitor The Open Or Close Status Of The Valve.

The Switch Is Mounted Conveniently To Most Osay Valves. And The Cover Is Held By 2 Tamper Resistant Screws Thatre-quire A Special Tool To Operate, Also The Tool Is Furnished With Each Device When Delivery.



Connection Plate:	Mild Steel / SS
Trip Rod:	SS304 / SS316
Temperature:	-40°C to 65°C
Surface:	Corrosion Resistant Coating
Enclosure:	IP 65 and IP 67
Ref. No.:	V 13
Certificate:	UL Listed / FM Approved / CE
Cover:	Die Casting Aluminum as ASTM B85



MATERIAL

Indicator	Visual Switch Indicators	Trip Rod	Adjustable Length Trip Rod
Conduit	Two Conduit Entrance with knocouts	Contact Ratings	One Set of SPDT, 10.0A at 125 / 250 VAC,
	for 1/2"Conduit Provided		2..0A at 30 VDC Resistive

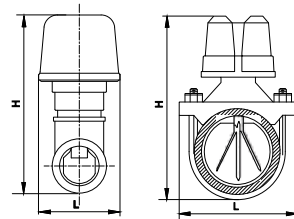
Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

WATERFLOW INDICATOR

The Vane Type Waterflow Indicator (Waterflow Detector) Is Used To Detect A Sustained Flow And Give Signal On Wet Pipe Sprinkler Systems. It Includes Mechanical Time Delay Features To Reduce The Risk Of False Alarm.



Sensitivity:	Flow Rate 4-10 US GPM
Contact Rating:	8A at 125/250 VAC, 3A at 24VDC, 2.5A at 30VDC 18
Maximum Surge:	Feet Per Second (FPS)
Temperature:	0°C to 68°C
Working Pressure:	450 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 346



MATERIAL

Cover	Plastic / Al Alloy	Vane / Paddle	Plastic
Threaded Saddle	Copper Alloy	U-Bolt Saddle	Al Alloy / Ductile Iron

SIZE & SPECIFICATIONS

SIZE			DIMENSION (MM)		PEREGRINE PART NO.	OEM PART NO.
INCH	DN	MM	L	H		
1"	25	33.4	93	164	PG38-25T	V38-25T
1-1/4"	32	42.2	93	172	PG38-32T	V38-32T
1-1/2"	40	48.3	93	179	PG38-40T	V38-40T
2"	50	60.3	93	192	PG38-50T	V38-50T
2"	50	60.3	84	190	PG38-50T	V38-50T
2-1/2"	65	73.0	92	200	PG38-65T	V38-65T
3"	80	88.9	104	220	PG38-80T	V38-80T
4"	100	114.3	133	245	PG38-100T	V38-100T
5"	125	141.3	160	270	PG38-125T	V38-125T
6"	150	168.3	187	300	PG38-150T	V38-150T
8"	200	219.1	239	350	PG38-200T	V38-200T

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

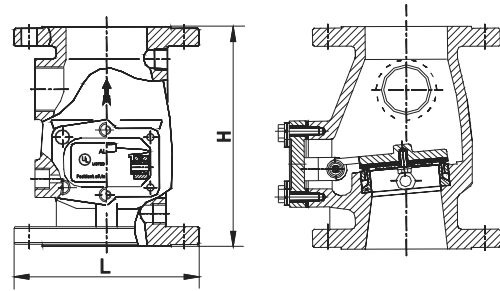
ALARM CHECK VALVES



FLANGED ALARM CHECK VALVE



Connection:	Flange as ANSI B16.1
Installation:	Vertical
Test:	Factory Hydro Test 350 psi
Temperature:	4°C to 70°C
Working Pressure:	175 psi / 300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 193



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Cover	Ductile Iron as A536, 65-45-12
Disc	Ductile Iron / Brass + EPDM	Stem	SS304
Seat	Bronze as B62 C83600	Accessories	Standard Trim Et Accessories, Retard Chamber, Alarm Pressure Switch, Water Motor Gong, Etc.

SIZE & SPECIFICATIONS

SIZE			DIMENSION (MM)		BOLTING (N X TPD)	PEREGRINE PART NO.	OEM PART NO.
INCH	DN	MM	L	H			
4"	100	114.3	229	270	8 X 3/4"	PGV01-100	NX009
6"	150	168.3	279	346	8 X 3/4"	PGV01-150	NX009

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.



ALARM CHECK VALVES

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

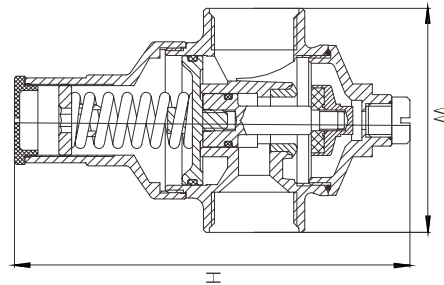


www.peregrine.com.tr / info@peregrine.com.tr

GROOVED ALARM CHECK VALVE



Connection:	Grooved as AWWA C606
Installation:	Vertical
Test:	Factory Hydro Test 350 psi
Temperature:	4°C to 70°C
Working Pressure:	175 psi / 300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	ANSI / UL 193



SIZE & SPECIFICATIONS

PEREGRINE PART	PGF38-25	PGF38-40	PGF38-50
OEM PART NO.	F38-25	F38-40	F38-50
SIZE	1"(DN25)	1.5"(DN40)	2"(DN50)
H (MM)	152	171	171
W (MM)	86	91	91
INLET	1"BSP	1.5"BSP	2"BSP
OUTLET	1"BSP	1.5"BSP	2"BSP
WORKING PRESSURE	PN 10 / PN 16 / PN 25	PN 10 / PN 16 / PN 25	PN 10 / PN 16 / PN 25
REGULATING RANGE	FOR PN10 (10 BAR), IT REGULATES OUTLET PRESSURE 0.9 - 8 BAR; FOR PN10 (16 BAR), IT REGULATES OUTLET PRESSURE 1.0 - 12 BAR; FOR PN10 (25 BAR), IT REGULATES OUTLET PRESSURE 1.5 -16 BAR;		

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

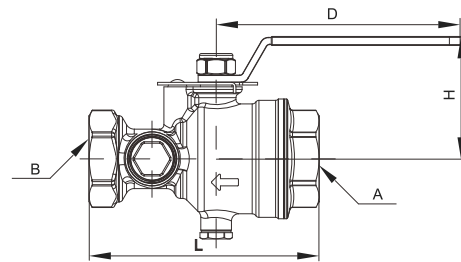
TEST AND DRAIN VALVE



Test And Drain Valve Provides Both The Test And The Drainage Function On Wet Pipe Sprinkler Systems. It Is Lightweight And Compact, Containing A Single Handle Ball Valve With Test Orifice Sight Glasses.



Connection:	Female Thread, NPT or BSPT / Grooved
Hydro Test:	350 psi
Temperature:	0°C to 100°C
Working Pressure:	175 psi
Surface:	Rough Brass
Certificate:	UL Listed / FM Approved
Standard:	UL Subject 258



MATERIAL

Body	Bronze as B584 C85700	Stem	Brass as B584 C85700
Ball	Brass as B584 C85700, Chrome Plated	Seal	Teflon (PTFE)
handle	Carbon Steel	Handle Stop	Carbon Steel

SIZE & SPECIFICATIONS

SIZE			DIMENSION (MM)			INLET / OUTLET	PEREGRINE PART NO.	OEM PART NO.
INCH	DN	MM	L	H	D	A / B		
1"	25	33.4	115	67	148.3	THREADED	PG37-25T	Q2968
1-1/4"	32	42.2	123	71	148.3	THREADED	PG37-32T	Q2968
1-1/2"	40	48.3	136	75	173.5	THREADED	PG37-40T	Q2968
2"	50	60.3	153	79	173.5	THREADED	PG37-50T	Q2968
1-1/2"	40	48.3	158	75	173.5	GROOVED	PG37-40T	Q2968
2"	50	60.3	170	79	173.5	GROOVED	PG37-50T	Q2968

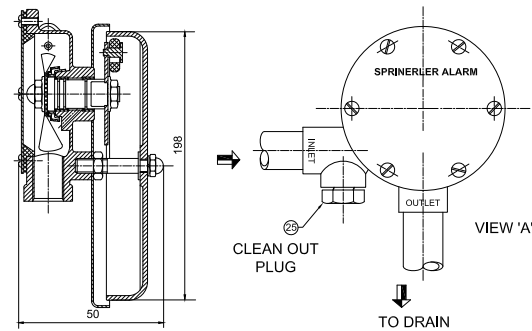
Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

WATER MOTOR GONG

Water Motor Gong, Also Known As Sprinkler Alarm, Is A Hydraulically Driven Alarm Without Electrical Power. When The Sprinkler System Is Activated, Water Passes Through The Water Motor Gong. The Impeller Turns And The Shaft Rotates By High Velocity Water Jet, And The Rotating Shaft Drives A Striker Assembly Which Rings The Gong, Sounding A Continuous Alarm As Long As The Water Continues.



K Factor:	5.28
Alarm Pressure:	5 psi (0.035 MPa)
Alarm Sound:	> 70dB of 5 psi / > 85 dB of 29 psi
Water Pressure Range:	5 - 175 psi
Surface:	FBE Coating as AWWA C550
Ref. No.:	
Certificate:	UL Listed / FM Approved
Connection:	Inlet 3/4" NPT + Outlet r NPT



MATERIAL

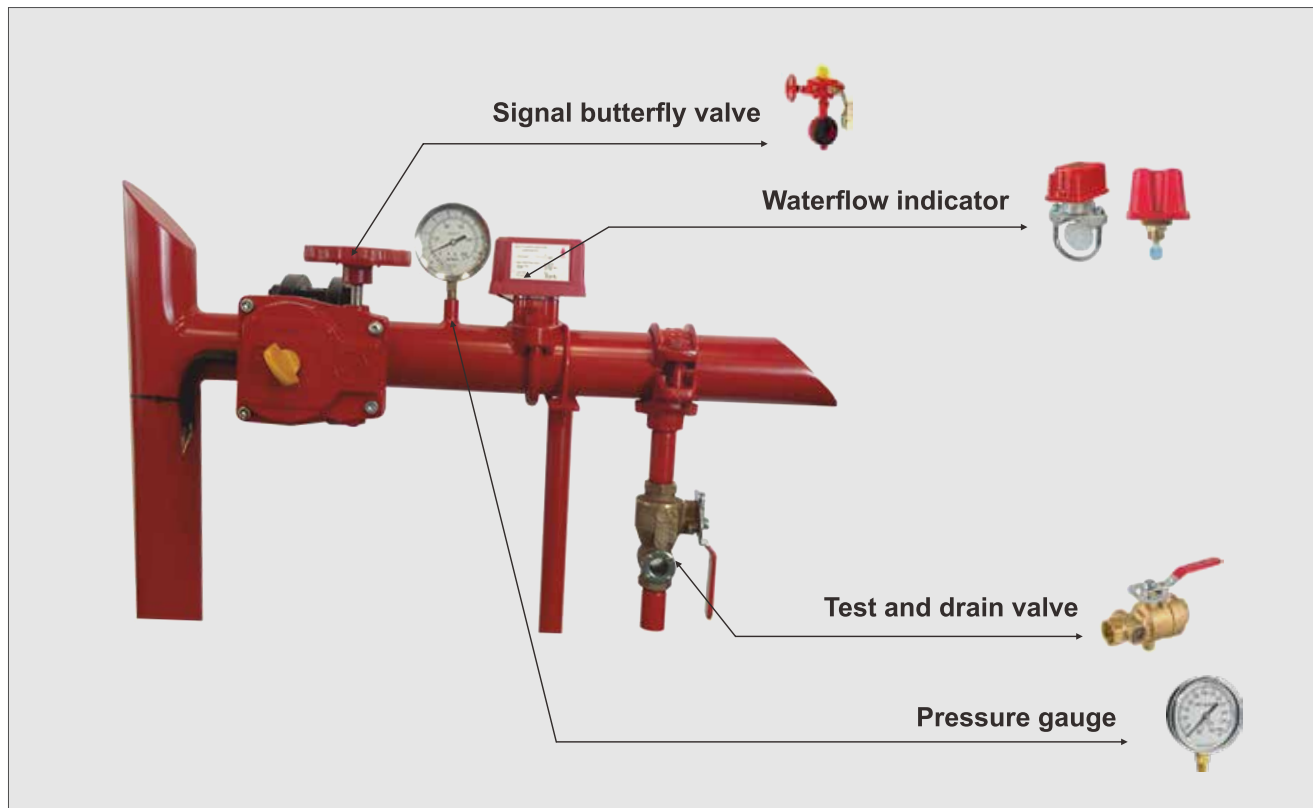
Housing	Cast Aluminum as A13600	Cover Plate	Aluminum Alloy 2017
Impeller	Delrin	Drive Shaft	Aluminum Alloy 2017
Striker	Canvas Phenolic	Gong	Aluminum Alloy 2017

ZONE CONTROL VALVE

Zone Control Valve Is A Combined Unit Of 4 Parts: Signal Butterfly Valve, Waterflow Indicator, Pressure Gauge And Test A Drain Valve.

All Of Them Are Ul Listed And Fm Approved, Conforming To Bs 5306-2 / En 12845.

They Are Assembled On Fire Pipeline To Separates The Fire Area Into Small Distribution Zone For Indication And Control Because Of Fire Sprinkler Or Test Valve Activation, The Indicator Detects Water Flow And Transmits Signal To Control System. After Fire Suppression, Butterfly Valve Gets Signal And Shut Down The Water Flow For Recovering The System.



COMPONENT SPECIFICATION

Butterfly Valve	Test And Drain Valve	Waterflow Indicator	Pressure Gauge

OTHERS ASSEMBLY UNITS

ERW or SMLS Tube	Electrical Cable	Junction Box

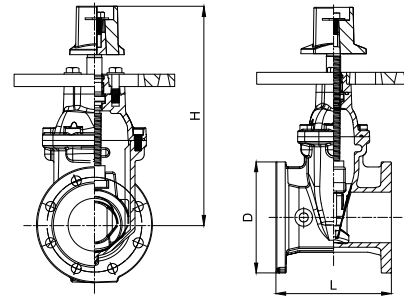
GATE VALVES



FLANGED NRS GATE VALVE WITH POST FLANGE



Connection:	Flanged as ASME B16.1
Test:	Factory Hydro Test 450 psi
Temperature:	0°C to 100°C
Working Pressure:	300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	UL 262 / AWWA C515



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Bonnet	Ductile Iron as A536, 65-45-12
Resilient Wedge Disc	Ductile Iron as A536, 65-45-12 + EPDM	Stem	SS304 / SS316 / SS420 / SS431
Thrust Washer	Brass as B124, C37000	Post Flange	Ductile Iron as A536, 65-45-12

SIZE & SPECIFICATIONS

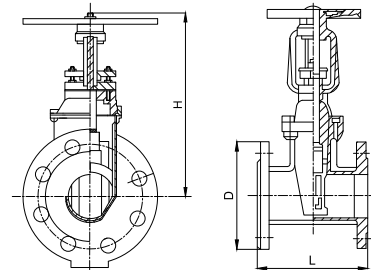
SIZE			DIMENSION (MM)			PEREGRINE PART NO.	OEM PART NO.
INCH	DN	MM	L	H	D		
4"	100	114.3	229	395	229	PGZ45 X C-4"	Z45 X C-2
5"	125	141.3	254	432	254	PGZ45 X C-5"	Z45 X C-2
6"	150	168.3	267	475	279	PGZ45 X C-6"	Z45 X C-2
8"	200	219.1	292	585	343	PGZ45 X C-8"	Z45 X C-2
10"	250	273.0	330	656	406	PGZ45 X C-10"	Z45 X C-2
12"	300	323.8	256	751	483	PGZ45 X C-12"	Z45 X C-2

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

FLANGED OS & Y GATE VALVE



Connection:	Flanged as ASME B16.1
Test:	Factory Hydro Test 450 psi
Temperature:	0°C to 100°C
Working Pressure:	300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	UL 262 / AWWA C515



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Bonnet	Ductile Iron as A536, 65-45-12
Resilient Wedge Disc	Ductile Iron as A536, 65-45-12 + EPDM	Stem	SS304 / SS316 / SS420 / SS431
Yoke	Brass as B124, C37000	Handwheel	Ductile Iron as A536, 65-45-12

SIZE & SPECIFICATIONS

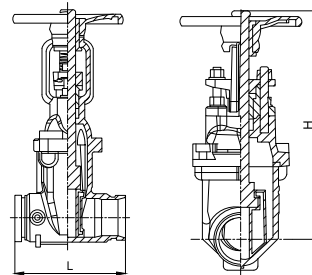
SIZE			DIMENSION (MM)					PEREGRINE PART NO.	OEM PART NO.
INCH	DN	MM	L	H MIN	H MAX	D	T		
2	50	60.3	178	348	400	152	43	PG X Z41 X-50	XZ41X
2-1/2"	65	73.0	190	373	440	178	46	PG X Z41 X-65	XZ41X
3"	80	88.9	203	408	490	191	46	PG X Z41 X-80	XZ41X
4"	100	114.3	229	471	573	229	52	PG X Z41 X-100	XZ41X
5"	125	141.3	254	541	665	254	56	PG X Z41 X-125	XZ41X
6"	150	168.3	267	601	755	279	56	PG X Z41 X-150	XZ41X
8"	200	219.1	292	774	975	343	60	PG X Z41 X-200	XZ41X
10"	250	273.0	330	939	1193	406	68	PG X Z41 X-250	XZ41X
12"	300	323.8	356	1065	1370	483	78	PG X Z41 X-300	XZ41X

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

GROOVED OS&Y GATE VALVE



Connection:	Grooved as AWWA C606
Test:	Factory Hydro Test 450 psi
Temperature:	0°C to 100°C
Working Pressure:	300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	UL 262 / AWWA C515



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Bonnet	Ductile Iron as A536, 65-45-12
Resilient Wedge Disc	Ductile Iron as A536, 65-45-12 + EPDM	Stem	55304 / 55316 / SS420 / 55431
Yoke	Brass as A536, 65-45-12	Handwheel	Ductile Iron as A536, 65-45-12

SIZE & SPECIFICATIONS

SIZE			DIMENSION (MM)			PEREGRINE PART NO.	OEM PART NO.
INCH	DN	MM	L	H MIN	H MAX		
2"	50	60.3	178	348	400	PG X Z81 X-50	XZ81X
2-1/2"	65	73.0	190	373	440	PG X Z81 X-65	XZ81X
3"	80	88.9	203	408	490	PG X Z81 X-80	XZ81X
4"	100	114.3	229	471	573	PG X Z81 X-100	XZ81X
5"	125	141.3	254	541	665	PG X Z81 X-125	XZ81X
6"	150	168.3	267	601	755	PG X Z81 X-150	XZ81X
8"	200	219.1	292	774	975	PG X Z81 X-200	XZ81X
10"	250	273.0	330	1029	1283	PG X Z81 X-250	XZ81X
12"	300	323.8	356	1065	1370	PG X Z81 X-300	XZ81X

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

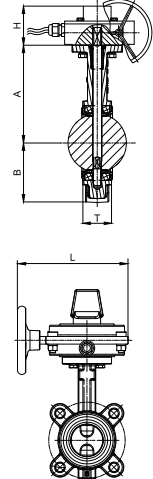
BUTTERFLY VALVES



LUGGED WATER BUTTERFLY VALVE WITH TAMPER SWITCH



Connection:	Flange as ASME B16.1 / B16.5
Top Flange:	ISO 5211
Indicator:	Flag Type Position Indicator
Test:	Factory Hydro Test 450 psi
Temperature:	0°C to 100°C
Working Pressure:	300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	UL 1091 / MSS SP-67



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Shaft	SS431
Disc	Ductile Iron + EPDM / NBR	Signal Gearbox	Housing / Cover: Ductile Iron
Worm	Carbon Steel	Handwheel	Ductile Iron as A536, 65-45-12

SIZE & SPECIFICATIONS

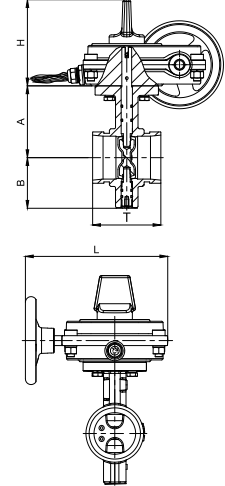
SIZE		DIMENSION (MM)					PEREGRINE Part No.	OEM Part No.
INCH	DN	A	B	H	L	T		
2	50	141	65	123	202	43	PG X D371 XL-50	XD371 XL
2-1/2"	65	153	71	123	202	46	PG X D371 XL-65	XD371 XL
3"	80	158	81	123	202	46	PG X D371 XL-80	XD371 XL
4"	100	176	95	123	202	52	PG X D371 XL-100	XD371 XL
5"	125	191	111	123	202	56	PG X D371 XL-125	XD371 XL
6"	150	203	133	123	202	56	PG X D371 XL-150	XD371 XL
8"	200	244	164	123	260	60	PG X D371 XL-200	XD371 XL
10"	250	273	196	123	260	68	PG X D371 XL-250	XD371 XL
12"	300	311	226	132	298	78	PG X D371 XL-300	XD371 XL

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

GROOVED BUTTERFLY VALVE WITH TAMPER SWITCH



Connection:	Flange as ASME B16.1 / B16.5
Top Flange:	ISO 5211
Indicator:	Flag Type Position Indicator
Test:	Factory Hydro Test 450 psi
Temperature:	0°C to 100°C
Working Pressure:	300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	UL 1091 / MSS SP-67



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Shaft	SS431
Disc	Ductile Iron + EPDM / NBR	Signal Gearbox	Housing / Cover: Ductile Iron
Worm	Carbon Steel	Handwheel	Ductile Iron as A536, 65-45-12

SIZE & SPECIFICATIONS

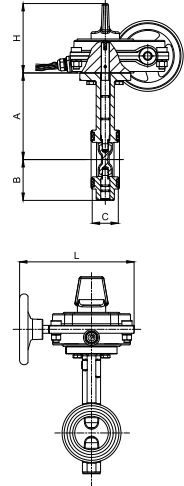
SIZE		DIMENSION (MM)					PEREGRINE Part No.	OEM Part No.
INCH	DN	A	B	H	L	T		
2	50	89	65	123	202	81	PG X D381 X-50	XD381X
2-1/2"	65	102	71	123	202	97	PG X D381 X-65	XD381X
3"	80	109	81	123	202	97	PG X D381 X-80	XD381X
4"	100	128	95	123	202	116	PG X D381 X-100	XD381X
5"	125	141	111	123	202	148	PG X D381 X-125	XD381X
6"	150	153	133	123	202	148	PG X D381 X-150	XD381X
8"	200	184	164	123	260	153	PG X D381 X-200	XD381X
10"	250	216	196	123	260	159	PG X D381 X-250	XD381X
12"	300	254	226	132	298	165	PG X D381 X-300	XD381X

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.

WAFER BUTTERFLY VALVE (GEAR ACTUATOR A TAMPER SWITCH)



Connection:	Flange as ASME B16.1 / B16.5
Top Flange:	ISO 5211
Indicator:	Flag Type Position Indicator
Test:	Factory Hydro Test 450 psi
Temperature:	0°C to 100°C
Working Pressure:	300 psi
Surface:	FBE Coating as AWWA C550
Certificate:	UL Listed / FM Approved
Standard:	UL 1091 / MSS SP-67



MATERIAL

Body	Ductile Iron as A536, 65-45-12	Shaft	SS431
Disc	Ductile Iron + EPDM / NBR	Signal Gearbox	Housing / Cover: Ductile Iron
Worm	Carbon Steel	Handwheel	Ductile Iron as A536, 65-45-12

SIZE & SPECIFICATIONS

SIZE			DIMENSION (MM)					PEREGRINE Part No.	OEM Part No.
INCH	DN	MM	A	B	H	L	T		
2	50	60.3	141	65	123	202	43	PG4 X 5/8"	V07-50
2-1/2"	65	73.0	153	71	123	202	46	PG4 X 5/8"	V07-65
3"	80	88.9	158	81	123	202	46	PG4 X 5/8"	V07-80
4"	100	114.3	176	95	123	202	52	PG8 X 5/8"	V07-100
5"	125	141.3	191	111	123	202	56	PG8 X 3/4"	V07-125
6"	150	168.3	203	133	123	202	56	PG8 X 3/4"	V07-150
8"	200	219.1	244	164	123	260	60	PG8 X 3/4"	V07-200
10"	250	273.0	273	196	123	260	68	PG12 X 7/8"	V07-250
12"	300	323.8	311	226	132	298	78	PG12 X 7/8"	V07-300

Note: All Specifications and design is subject to be change without prior notice when OEM is applicable the peregrine will act as supplier and integrator.