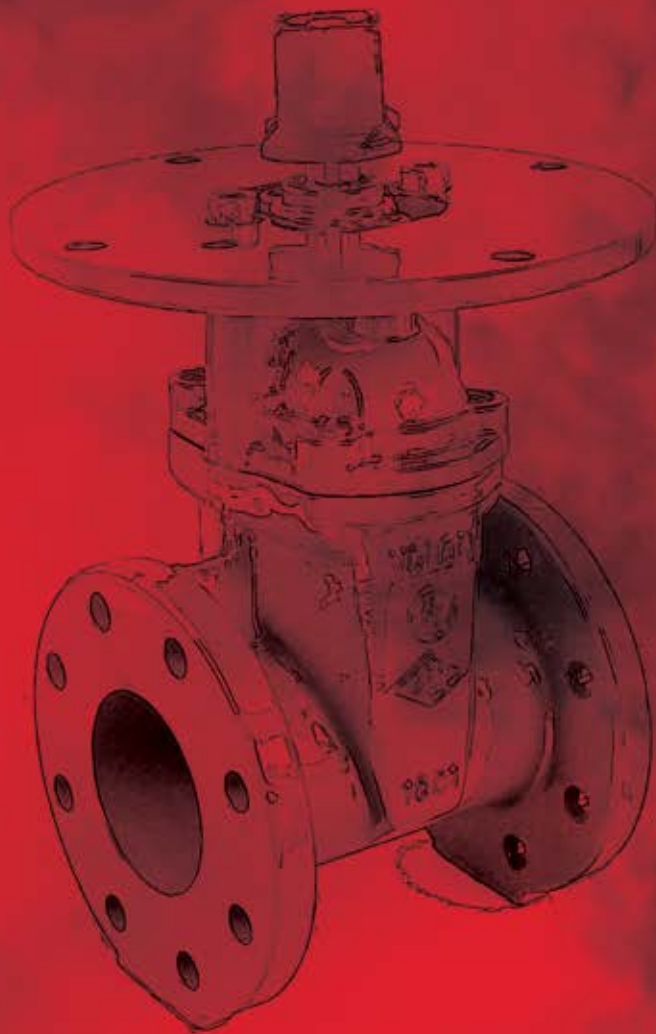


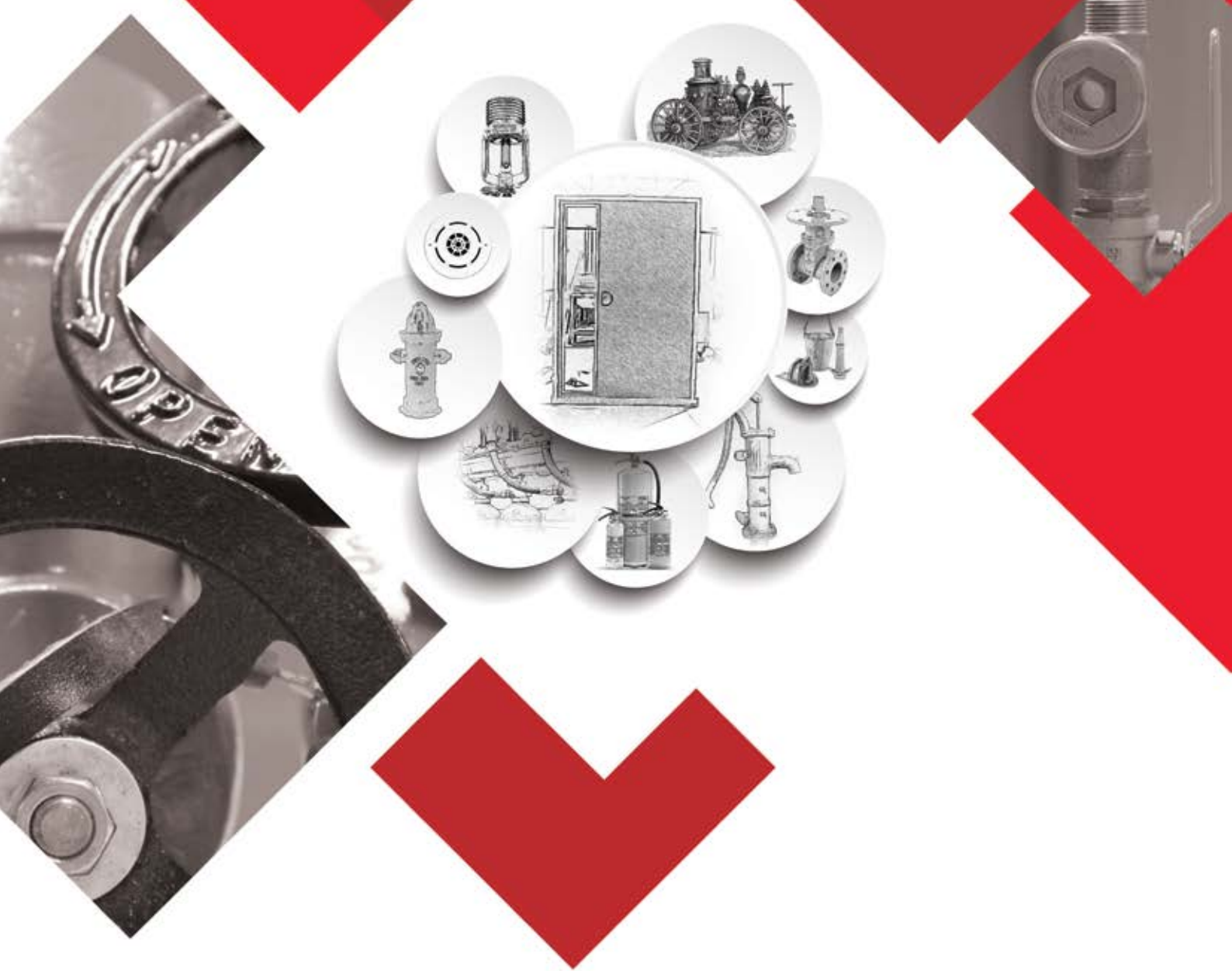
BRISTOL

FIRE ENGINEERING



Fire Valves





BRISTOL: A History and Future.

In 1971, seven emirates joined forces to create the United Arab Emirates, with the goal of becoming a growing leader on an international scale. The UAE's focus has always been the safety of its land and people and BRISTOL was established in support of that same vision.

BRISTOL FIRE ENGINEERING, part of the Concorde – Corodex Group, is the leading fire-fighting and fire protection manufacturer in the Middle East and has been unsurpassed in innovative fire-fighting solutions for more than 40 years.

We have been steadfast in our developments and have grown to become pioneers in the industry for unmatched quality and dependability, longstanding commitment and unwavering dedication.

Our headquarters and manufacturing facility started in the UAE's Emirate of Dubai, producing world-class fire-fighting systems and equipment in cooperation with international know-how and technology with a grand vision to expand globally.

We strive to continue to adopt the highest international and national standards in line with the UAE's goal to become the safest country in the world.

BRISTOL was one of the first fire-fighting companies in the Middle East to receive an ISO 9001 certification, placing great emphasis on achieving local and international approvals on product certifications such as Kite Mark, LPCB, UL listing, and FM approval. Moreover, BRISTOL is certified to ISO 14001 and OHSAS 18001.

We focus on innovation by means of continual research and development of advanced fire-fighting solutions, ensuring we not only meet, but exceed the demands of our rapidly changing market.

For decades, we have been proudly supplying various government entities and sectors such as the oil and gas, commercial, and industrial sectors across the globe with world-class equipment and services.

BRISTOL has been serving Middle Eastern, African, Asian, and European markets for more than four decades with a vision to expand further.

Paving the road towards safety for more than four decades, and counting: BRISTOL.

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Gate Valves

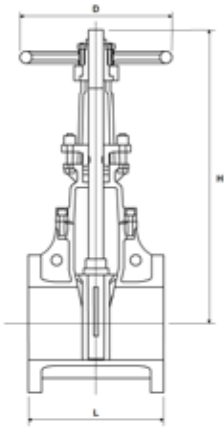
Gate Valves are valves that open by lifting a round or rectangular gate/wedge out of the path of the fluid. They are characterized as having either a rising or a non-rising stem. BRISTOL Gate Valves are made of high quality materials and conform to international and local standards.

Outside Stem & Yoke



UL Listed, FM Approved

| Model | | 399F | |
|----------------|-------------------------|------------------|--|
| Specifications | Working Pressure | | 300psi |
| | Gate | Type Material | Resilient Wedge Ductile Iron + EPDM |
| | Inlet / Outlet Coupling | | Flange PN16 / ANSI 125 |
| | Body Material | | Ductile Iron |
| | Seat Material | | EPDM |



| Model | | 399F | | | | | | | | |
|------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Dimensions | Inlet/Outlet | in | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 |
| | D _N | mm | 65 | 800 | 100 | 125 | 150 | 200 | 100 | 250 |
| | L | in | 7.50 | 8.00 | 9.00 | 10.00 | 10.50 | 11.50 | 13.00 | 14.00 |
| | | mm | 191 | 203 | 229 | 254 | 267 | 292 | 330 | 356 |
| | H | in | 16.46 | 19.21 | 21.18 | 25.75 | 29.13 | 36.81 | 44.33 | 51.81 |
| | | mm | 418 | 488 | 538 | 654 | 740 | 935 | 1126 | 1316 |
| | D | in | 7.2 | 9.96 | 9.96 | 12.05 | 12.05 | 13.98 | 17.52 | 17.52 |
| | | mm | 183 | 253 | 253 | 306 | 306 | 355 | 445 | 445 |
| | | | | | | | | | | |
| | | | | | | | | | | |

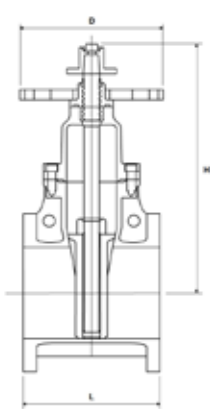


Non-Rising Stem



UL Listed, FM Approved

| Model | | 388F | |
|----------------|-------------------------|------------------|--|
| Specifications | Working Pressure | | 300psi |
| | Gate | Type Material | Resilient WEdge Ductile Iron + EPDM |
| | Inlet / Outlet Coupling | | Flange PN16 / ANSI 125 |
| | Body Material | | Ductile Iron |
| | Seat Material | | EPDM |



| Model | | 388F | | | | | | | | |
|------------|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Dimensions | Inlet/Outlet | in | 2.50 | 3.00 | 4.00 | 5.00 | 6.00 | 8.00 | 10.00 | 12.00 |
| | D _N | mm | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| | L | in | 7.50 | 8.00 | 9.00 | 10.00 | 10.50 | 11.50 | 13.00 | 14.00 |
| | | mm | 191 | 203 | 229 | 254 | 267 | 292 | 330 | 356 |
| | H | in | 11.61 | 12.72 | 13.46 | 16.06 | 17.32 | 21.14 | 25.20 | 28.46 |
| | | mm | 295 | 323 | 342 | 408 | 440 | 537 | 640 | 723 |
| | D | in | 12.01 | 12.01 | 12.01 | 12.01 | 12.01 | 12.01 | 12.01 | 12.01 |
| | | mm | 305 | 305 | 305 | 305 | 305 | 305 | 305 | 305 |





Gate Valve Accessories

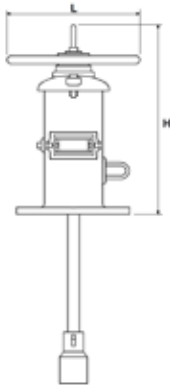
Non-Rising Stem Gate Valves alone cannot be identified if open or closed by visual inspection. Accessories such as indicator posts are necessary to supervise these valves. BRISTOL Indicator Posts complement BRISTOL NRS Gate Valve but are also compatible to other gate valves of the same standards.

Indicator Post



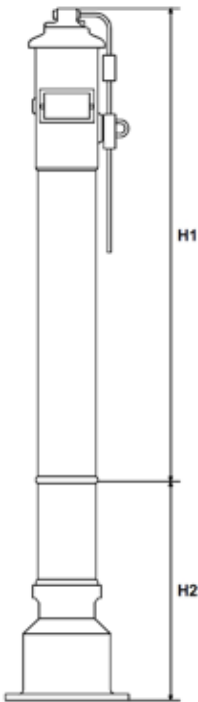
Wall Post, UL Listed, FM Approved

| Model | | W388 |
|------------|-------------|--------------|
| Dimensions | Orientation | Wall Post |
| | Body | Ductile Iron |
| | L | 355mm |
| | H | 506mm |



Ground Post, UL Listed, FM Approved

| Model | | G388 |
|------------|-------------|--------------|
| Dimensions | Orientation | Upright |
| | Body | Ductile Iron |
| | H1 | 1002mm |
| | H2 | 450mm |





Non-Return / Check Valves

Non-Return Valves or Check Valves are valves that normally allow fluid to flow through it in only one direction. BRISTOL Check Valves are swing type with a tilted clapper. BRISTOL Check Valves clapper design produces quick, non-slam closure before flow reversal can occur meeting the FM requirements for an anti-water hammer valve rating.

Swing Type

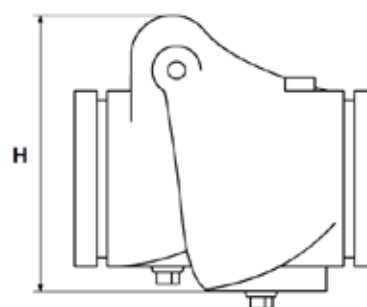
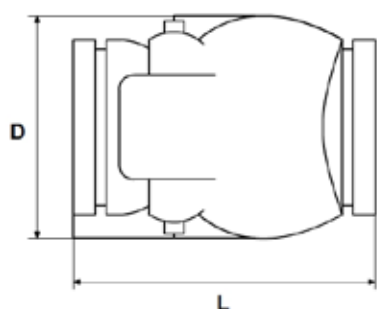


UL Listed, FM Approved

| Model | | BR-DGC-300 |
|----------------|---------------------------|------------------------|
| Specifications | Working Pressure | 300psi |
| | Working Temperature Range | -40°C to 110°C |
| | Check Type | Swing / Clapper |
| | Material | Stainless Steel + EPDM |
| | Inlet / Outlet Coupling | Grooved |
| | Body Material | Ductile Iron |
| Seat Material | | Stainless Steel |



| Model | | BR-DGC-300 | | | | | | |
|------------|----------------|------------|------|------|------|------|-------|-------|
| Dimensions | Inlet/Outlet | in | 2.00 | 2.50 | 3.00 | 4.00 | 6.00 | 8.00 |
| | D _N | mm | 50 | 65 | 80 | 100 | 150 | 200 |
| | L | in | 6.75 | 7.25 | 7.75 | 8.12 | 12.75 | 14.37 |
| | | mm | 171 | 184 | 197 | 205 | 324 | 365 |
| | H | in | 5.43 | 5.69 | 6.06 | 8.38 | 11 | 13.07 |
| | | mm | 144 | 153 | 160 | 187 | 279 | 331 |
| | D | in | 4.38 | 4.50 | 4.73 | 6.00 | 8.50 | 10.00 |
| | | mm | 111 | 114 | 125 | 152 | 216 | 250 |





Butterfly Valves

Butterfly Valves are valves which can be used for isolating or regulating flow, with the closing mechanism in the form of a disk. BRISTOL Butterfly Valves are supervised and can be used for indoor and outdoor application.

Wafer Type



UL Listed, FM Approved

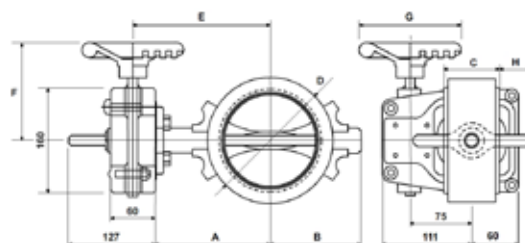
| Specifications | Model | BR-HPW-300 |
|----------------|--------------------------|----------------------|
| | Working Pressure | 300psi |
| | Max. Working Temperature | 120°C |
| | Disc Material | ASTM B-536 + EPDM |
| | Body Material | Ductile Iron + Nylon |
| | O-Ring Material | EPDM |



| Dimensions | Inlet/Outlet D _N | | A | B | C | D | E | F | G | H |
|------------|-----------------------------|----|------|------|------|-------|------|------|------|------|
| | 2.5 | in | 5.39 | 3.43 | 1.81 | 5.89 | 6.54 | 5.31 | 5.04 | 0.32 |
| | 65 | mm | 136 | 87 | 46 | 149 | 166 | 135 | 128 | 8 |
| | 3 | in | 5.63 | 3.66 | 1.81 | 6.62 | 6.81 | 5.31 | 5.04 | 0.57 |
| | 80 | mm | 143 | 93 | 46 | 168.2 | 173 | 135 | 128 | 15 |
| | 4 | in | 6.14 | 4.29 | 2.06 | 7.89 | 7.32 | 5.31 | 5.04 | 0.89 |
| | 100 | mm | 156 | 107 | 52 | 200 | 186 | 135 | 128 | 23 |
| | 6 | in | 7.4 | 5.67 | 2.2 | 10.6 | 8.58 | 8.66 | 8.66 | 1.79 |
| | 150 | mm | 188 | 144 | 56 | 270 | 218 | 222 | 222 | 44 |
| | 8 | in | 8.7 | 6.54 | 2.28 | 13 | 9.92 | 8.66 | 8.66 | 2.72 |
| | 200 | mm | 222 | 166 | 58 | 330 | 252 | 222 | 222 | 69 |



| Specifications | Model | BR-DW-175 |
|----------------|--------------------------|----------------------|
| | Working Pressure | 175psi |
| | Max. Working Temperature | 120°C |
| | Disc Material | ASTM B-536 + EPDM |
| | Body Material | Ductile Iron + Nylon |
| | O-Ring Material | EPDM |



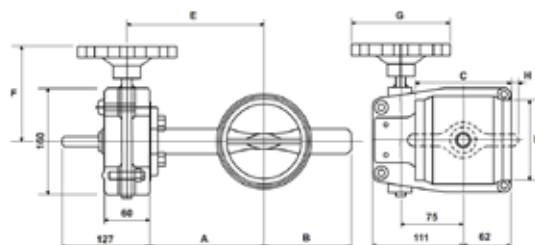
| Dimensions | Inlet/Outlet D _N | | A | B | C | D | E | F | G | H |
|------------|-----------------------------|----|------|------|------|------|------|------|------|------|
| | 2.5 | in | 4.10 | 3.30 | 1.80 | 3.60 | 5.30 | 5.30 | 4.90 | 0.40 |
| | 65 | mm | 106 | 85 | 46 | 92 | 135 | 135 | 125 | 10 |
| | 3 | in | 4.40 | 3.60 | 1.80 | 4.20 | 5.60 | 5.30 | 4.90 | 0.60 |
| | 80 | mm | 112 | 92 | 46 | 107 | 142 | 135 | 125 | 16 |
| | 4 | in | 5.7 | 4.34 | 2 | 5.00 | 6.9 | 5.3 | 4.9 | 1 |
| | 100 | mm | 145 | 108 | 52 | 128 | 175 | 135 | 125 | 25 |
| | 6 | in | 7.10 | 5.70 | 2.20 | 7.10 | 8.30 | 7.60 | 8.90 | 1.80 |
| | 150 | mm | 180 | 146 | 56 | 181 | 210 | 193 | 225 | 45 |
| | 8 | in | 8 | 6.7 | 2.4 | 9.2 | 9.2 | 7.6 | 8.9 | 2.7 |
| | 200 | mm | 204 | 170 | 60 | 234 | 234 | 193 | 225 | 69 |

Grooved Type

UL Listed, FM Approved

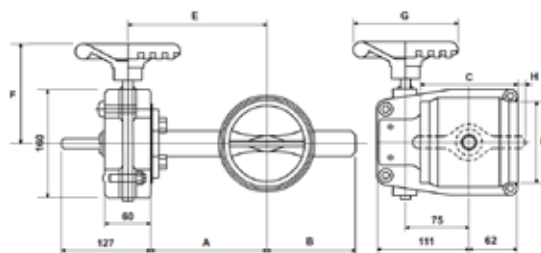


| Specifications | Model | BR-HPG-300 |
|----------------|--------------------------|----------------------|
| | Working Pressure | 300psi |
| | Max. Working Temperature | 120°C |
| | Disc Material | ASTM B-536 + EPDM |
| | Body Material | Ductile Iron + Nylon |
| | O-Ring Material | EPDM |



| Inlet/Outlet D _N | | A | B | C | D | E | F | G | H |
|-----------------------------|---------|-------|------|------|-------|----------|------|-------|------|
| Dimensions | 2.5 in | 4.1 | 3.3 | 3.8 | 2.8 | 5.31 | 5.04 | 5.04 | - |
| | 65 mm | 106 | 85 | 96 | 73 | 136 | 128 | 128 | - |
| | 3 in | 4.4 | 3.6 | 3.8 | 3.5 | 5.99 142 | 5.04 | 5.04 | - |
| | 80 mm | 112 | 92 | 96 | 83.9 | | 128 | 128 | - |
| | 4 in | 5.7 | 4.34 | 4.54 | 4.50 | 6.89 | 5.04 | 5.04 | - |
| | 100 mm | 145 | 108 | 115 | 114.3 | 173 | 128 | 128 | - |
| | 6 in | 7.1 | 5.7 | 5.21 | 6.6 | 8.23 | 8.66 | 8.66 | 0.28 |
| | 150 mm | 180 | 146 | 132 | 168.3 | 209 | 220 | 220 | 7 |
| | 8 in | 8 | 6.7 | 5.8 | 8.63 | 9.21 | 8.66 | 8.66 | 0.9 |
| | 200 mm | 204 | 170 | 147 | 219.1 | 234 | 220 | 220 | 24 |
| | 10 in | 8.98 | 7.88 | 6.26 | 10.75 | 10.16 | 9.65 | 11.23 | - |
| | 250 mm | 224 | 200 | 157 | 273 | 256 | 245 | 289 | - |
| | 1200 in | 10.52 | 9.14 | 6.5 | 11.1 | 9.65 | 9.65 | 11.23 | - |
| | 300 mm | 267 | 232 | 163 | 297 | 245 | 245 | 289 | - |

| Model | BR-DG-175 |
|--------------------------|----------------------|
| Working Pressure | 175psi |
| Max. Working Temperature | 120°C |
| Disc Material | ASTM B-536 + EPDM |
| Body Material | Ductile Iron + Nylon |
| O-Ring Material | EPDM |



| Inlet/Outlet D _N | | A | B | C | D | E | F | G | H |
|-----------------------------|--------|------|------|------|------|------|------|------|------|
| Dimensions | 2.5 in | 4.1 | 3.3 | 3.7 | 2.9 | 5.3 | 5.3 | 4.9 | - |
| | 65 mm | 106 | 85 | 95 | 73 | 135 | 135 | 125 | - |
| | 3 in | 4.40 | 3.60 | 3.80 | 3.50 | 5.60 | 5.30 | 4.90 | - |
| | 80 mm | 112 | 92 | 96 | 83.9 | 142 | 135 | 125 | - |
| | 4 in | 5.70 | 4.34 | 4.50 | 4.60 | 6.90 | 5.30 | 4.90 | - |
| | 100 mm | 145 | 108 | 114 | 116 | 175 | 135 | 125 | - |
| | 6 in | 7.1 | 5.7 | 5.3 | 6.6 | 8.3 | 7.6 | 8.9 | 0.28 |
| | 150 mm | 180 | 146 | 133 | 168 | 210 | 193 | 225 | 7 |
| | 8 in | 8 | 6.7 | 5.8 | 8.6 | 9.10 | 7.6 | 8.9 | 0.9 |
| | 200 mm | 204 | 170 | 148 | 219 | 232 | 193 | 225 | 24 |



Y-Strainers

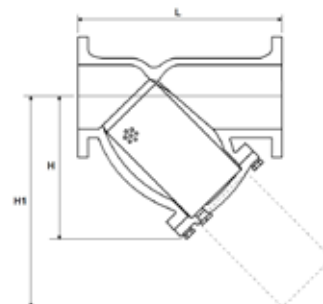
Y-Strainers are used in straining debris from pipelines. They are fitted in the field with nipples and drain valves to permit the strainer screen to be cleaned while the system is still in process. BRISTOL Y-Strainers are compact and economical while also adhere to international and local standards.

Flanged Type

UL Listed



| Specifications | Model | BFE70FF |
|----------------|-------------------------|-----------------|
| | Working Pressure | 300psi |
| | Inlet / Outlet Coupling | Flange ANSI 125 |
| | Body Material | Ductile Iron |
| | Gasket Material | EPDM |
| | Screen Material | Stainless Steel |



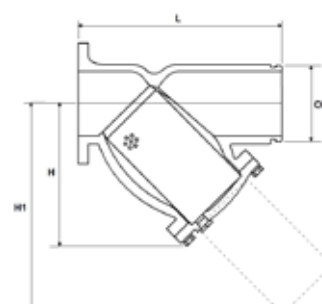
| Dimensions | Model | BFE70FF | | | | | | | | | |
|------------|----------------|---------|------|------|-------|-------|-------|-------|-------|-------|-------|
| | Inlet/Outlet | in | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| | D _N | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| | L | in | 7.99 | 10 | 10.24 | 12.13 | 15.67 | 18.58 | 21.65 | 25.75 | 30 |
| | | mm | 203 | 254 | 260 | 308 | 398 | 472 | 550 | 654 | 762 |
| | H | in | 5.2 | 6.22 | 6.89 | 7.99 | 11.42 | 13.15 | 15.39 | 18.11 | 23.23 |
| | | mm | 132 | 158 | 175 | 202 | 290 | 334 | 391 | 460 | 590 |
| | H1 | in | 7.68 | 9.45 | 10.63 | 12.6 | 16.73 | 19.49 | 22.44 | 27.56 | 33.07 |
| | | mm | 195 | 240 | 270 | 320 | 425 | 495 | 570 | 700 | 840 |

Flanged X Grooved Type

UL Listed



| Specifications | Model | BFE70FG |
|----------------|------------------|---------------------|
| | Working Pressure | 300psi |
| | Inlet Coupling | Flange ANSI 125 |
| | Outlet Coupling | Groove AWWA C606 |
| | Body Material | Ductile Iron |
| | Gasket Material | EPDM |
| | Screen Material | Stainless Steel |



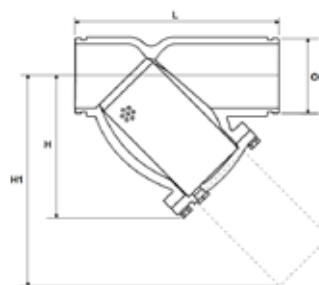
| Model | | BFE70FG | | | | | | | | | |
|------------|----------------|---------|------|------|-------|-------|-------|-------|-------|-------|-------|
| Dimensions | Inlet/Outlet | in | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| | D _N | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| | L | in | 8 | 10 | 10.24 | 12.13 | 15.67 | 18.58 | 21.65 | 25.75 | 30 |
| | | mm | 203 | 254 | 260 | 308 | 398 | 472 | 550 | 654 | 762 |
| | H | in | 5.12 | 6.22 | 6.89 | 7.99 | 11.42 | 13.15 | 15.39 | 18.11 | 23.23 |
| | | mm | 130 | 158 | 175 | 202 | 290 | 334 | 391 | 460 | 590 |
| | H1 | in | 7.68 | 9.45 | 10.63 | 12.6 | 16.73 | 19.49 | 22.44 | 27.56 | 33.07 |
| | | mm | 195 | 240 | 270 | 320 | 425 | 495 | 570 | 700 | 840 |
| | OD | in | 2.37 | 3 | 3.5 | 4.5 | 5.56 | 6.63 | 8.63 | 10.75 | 12.75 |
| | | mm | 60.3 | 76.1 | 88.9 | 114.3 | 141.3 | 168.3 | 219.1 | 273 | 323.9 |

Grooved Type

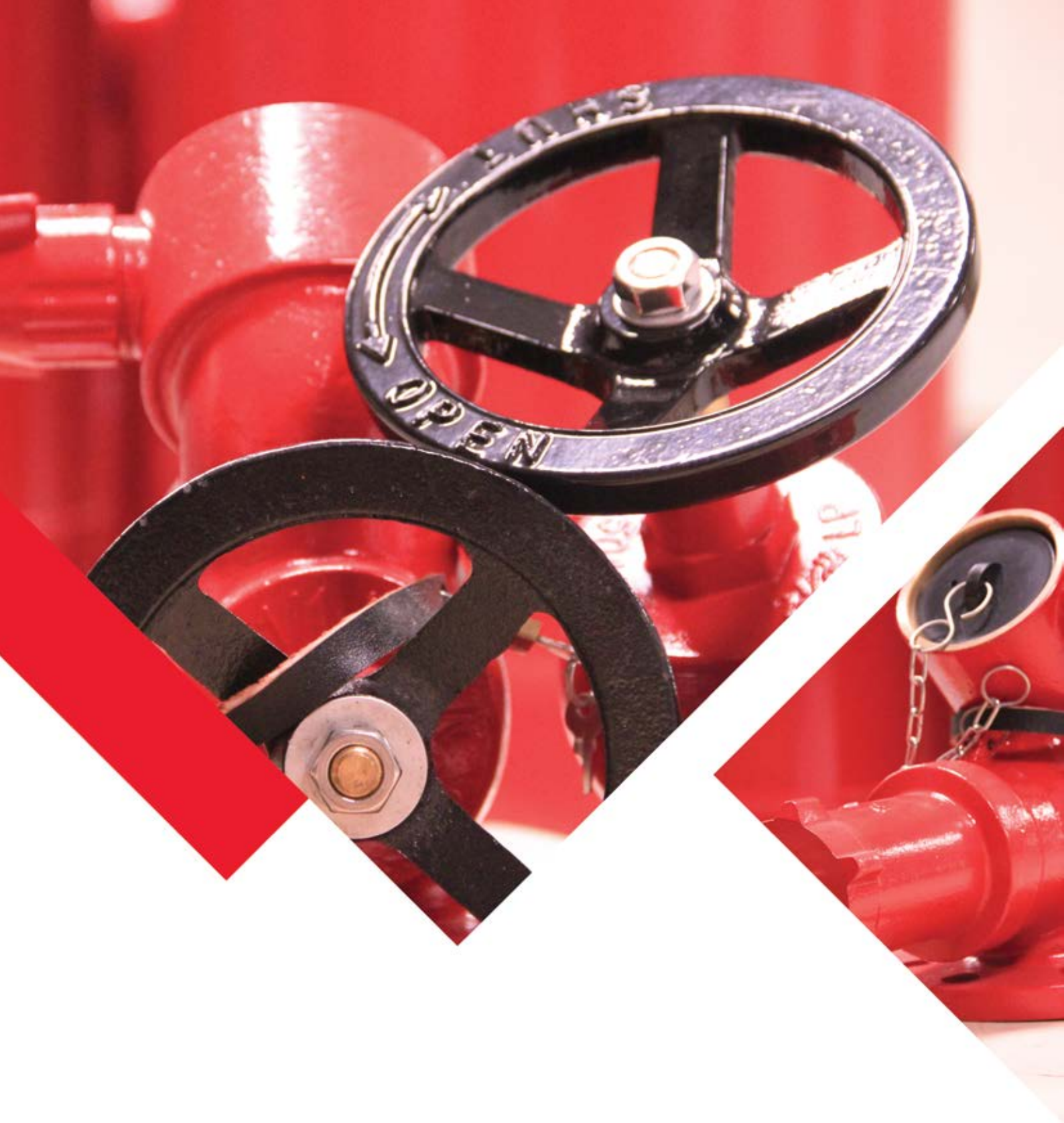
UL Listed



| Model | | BFE70GG |
|----------------|-------------------------|---------------------|
| Specifications | Working Pressure | 300psi |
| | Inlet / Outlet Coupling | Groove AWWA C606 |
| | Body Material | Ductile Iron |
| | Gasket Material | EPDM |
| | Screen Material | Stainless Steel |



| Model | | BFE70GG | | | | | | | | | |
|------------|----------------|---------|------|--------|-------|-------|-------|-------|-------|-------|-------|
| Dimensions | Inlet/Outlet | in | 2 | 2 1/2" | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| | D _N | mm | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
| | L | in | 9.06 | 10 | 10.71 | 12.13 | 15.67 | 18.58 | 21.65 | 25.75 | 30 |
| | | mm | 230 | 254 | 272.4 | 308 | 398 | 472 | 550 | 654 | 762 |
| | H | in | 5.12 | 6.22 | 6.89 | 8 | 11.42 | 13.15 | 15.39 | 18.11 | 23.23 |
| | | mm | 130 | 158 | 175 | 202 | 290 | 334 | 391 | 460 | 590 |
| | H1 | in | 7.68 | 9.45 | 10.63 | 12.6 | 16.73 | 19.49 | 22.44 | 27.56 | 33.07 |
| | | mm | 195 | 240 | 270 | 320 | 425 | 495 | 570 | 700 | 840 |
| | OD | in | 2.37 | 3 | 3.5 | 4.5 | 5.56 | 6.63 | 8.63 | 10.75 | 12.75 |
| | | mm | 60.3 | 76.1 | 88.9 | 114.3 | 141.3 | 168.3 | 219.1 | 273 | 323.9 |



Landing Valves

Landing Valves are valves that provide hose connections to supply water for use by fire departments and those trained in handling heavy fire streams. BRISTOL Landing Valves comply to British standards and come with threaded or flanged connection options.

Oblique Landing Valve

BSI Kitemark Approved. Threaded

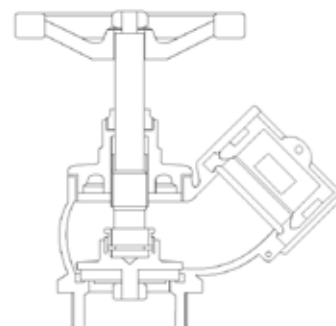


| Model | | BFE-2.5LVT |
|----------------|-----------------------------|-----------------------------|
| Specifications | Compliance | BS 5041-1:1987 |
| | BSI Kitemark Approval | KM 599357 |
| | Inlet | D _N 65mm |
| | | Type Threaded M BSPT |
| | Outlet | D _N 65mm |
| | | Type F Instantaneous BS 336 |
| | Working Pressure | 15bar |
| | Operating Temperature Range | 0°C to 38°C |
| | Min. Water Flow Rate | 8.5L/min @ 4.7bar |
| | Seal Test Pressure | 16.5bar |
| | Body Strength Pressure | 22.5bar |
| | Body Thickness | 3mm |



Regular, Threaded

| Model | | BFE09G0B |
|----------------|-----------------------------|-----------------------------|
| Specifications | Inlet | D _N 65mm |
| | | Type Threaded - M NPT |
| | Outlet | D _N 65mm |
| | | Type F Instantaneous BS 336 |
| | Working Pressure | 15bar |
| | Operating Temperature Range | 0°C to 38°C |

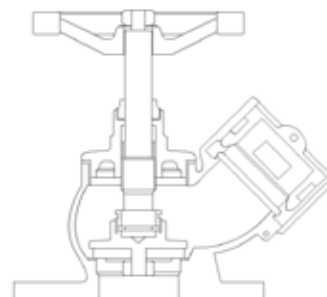


| Model | | BFE-2.5LVF |
|----------------|-----------------------------|------------------------------------|
| Specifications | Compliance | BS 5041-1:1987 |
| | BSI Kitemark Approval | KM 599357 |
| | D_N | 65mm |
| | Inlet Type | Flange BS 4504-2 Table 16/21 |
| | Outlet D_N Type | 65mm F Instantaneous BS 336 |
| | Working Pressure | 15bar |
| | Operating Temperature Range | 0°C to 38°C |
| | Min. Water Flow Rate | 8.5L/min @ 4.7bar |
| | Seal Test Pressure | 16.5bar |
| | Body Strength Pressure | 22.5bar |
| | Body Thickness | 3mm |



Regular, Flanged

| Model | | BFE0609F |
|----------------|-----------------------------|---------------------------------|
| Specifications | D_N | 65mm |
| | Inlet Type | Flange BS 4504-2 Table 16/21 |
| | Outlet D_N Type | 65mm F Instantaneous BS 336 |
| | Working Pressure | 15bar |
| | Operating Temperature Range | 0°C to 38°C |
| | | |



Pressure-Regulating Oblique Landing Valve

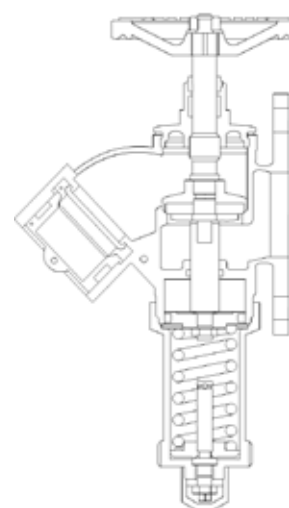
BSI Kitemark Approved

| Model | | BFE-2.5LVFP |
|----------------|-----------------------------|---|
| Specifications | Compliance | BS 5041-1:1987 |
| | BSI Kitemark Approval | KM 599357 |
| | Pressure Regulating Range | 4 to 12bar |
| | Inlet | D _N 65mm |
| | | Type Flange BS 4504-2 Table 16/21 |
| | Outlet | D _N 65mm |
| | | Type F Instantaneous BS 336 |
| | Working Pressure | 20bar |
| | Operating Temperature Range | 0°C to 38°C |
| | Min. Water Flow Rate | 8.5L/min @ 4.7bar |
| | Seal Test Pressure | 22bar |
| | Body Strength Pressure | 30bar |
| | Body Thickness | 4mm |



Regular

| Model | | BFE06044C |
|----------------|-----------------------------|--------------------------------------|
| Specifications | Pressure Regulating Range | 4 to 12bar |
| | Inlet | D _N 65mm |
| | | Type Flange BS 4504-2 Table 16/21 |
| | Outlet | D _N 65mm |
| | | Type F Instantaneous BS 336 |
| | Working Pressure | 15bar |
| | Operating Temperature Range | 0°C to 38°C |





Automatic Control Valves

Automatic Control Valves do not require an external power source and can work with hydraulic actuators (also known as hydraulic pilots), meaning that the fluid pressure is enough for opening and closing the valve.

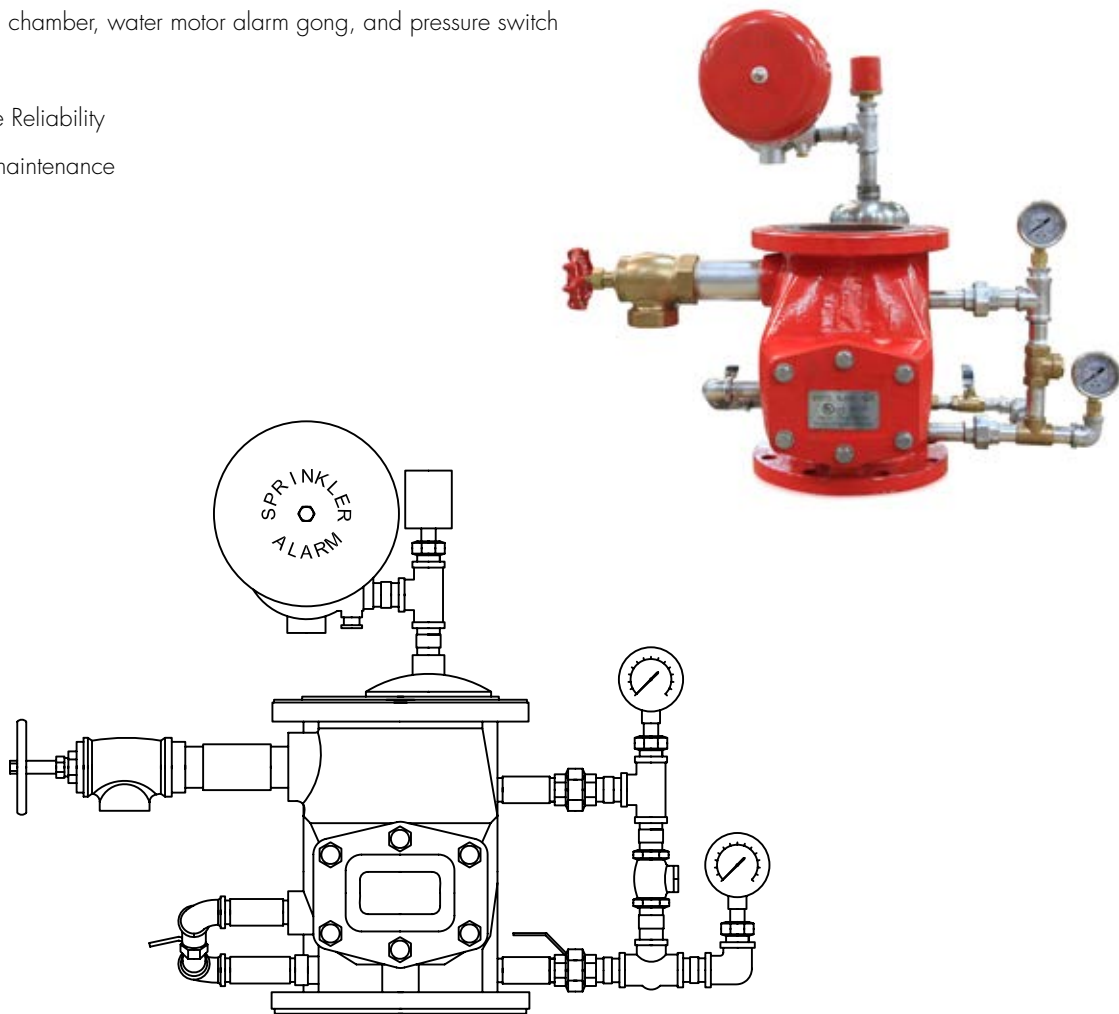
Alarm Check Valve



UL Listed

Features

- Available in sizes 4" and 6"
- Trim comes with retard chamber, water motor alarm gong, and pressure switch
- Drip-Tight Shutoff
- Simple Design-Pressure Reliability
- Easy installation and maintenance



| Model | | BAV-146 |
|----------------|--------------------------|---|
| Specifications | Connection Type | 4" / 6" Flanged to ANSI B16.1 Class 150 |
| | Orientation | Vertical |
| | Max. Working Pressure | 175psig / 1.2 MPa (12 bar) |
| | Factory Hydro Test | 100% @ 350psig / 2.4 MPa (24 bar) |
| | Min. Working Temperature | 4°C / 40°F (Water) |
| | Standard Finish | Red Painted |

Deluge Valve



UL Listed

Features

- Available in sizes 4", 6", and 8"
- Available with Solenoid Trim or Pneumatic/Hydraulic Trim
- Drip-Tight Shutoff
- Simple Design-Pressure Reliability
- Easy installation and maintenance without removing valve from the line
- All Deluge Valve trims are pre-piped at factory



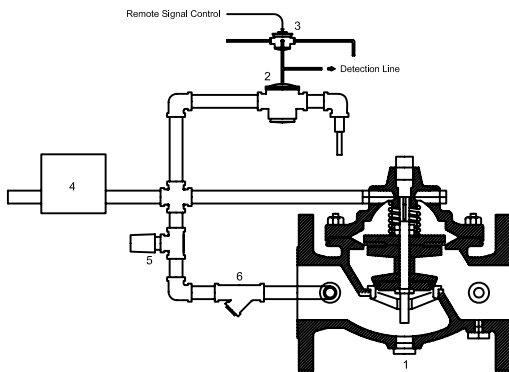
| Model | | XT-4080S | XT-4080P |
|----------------|--------------------------|---|---------------------|
| Specifications | Actuation Trim | Solenoid | Pneumatic/Hydraulic |
| | Connection Type | 4" / 6" / 8" Flanged to ANSI B16.5 Class 150 & 300 | |
| | Pressure Rating | 150 Class, Max 285psig (20barg) 300 Class, Max 375psig (26barg) | |
| | Temperature Range | 70°C / 160°F Max. (Water) | |
| Materials | Main Valve Body & Cover | Cast Steel ASTM A216 Gr. WCB Naval Bronze: ASTM B61 Nickel Al-Bronze: ASTM B148/BS1400 Gr. AB2 Stainless Steel: ASTM A351 Gr. CF8/CF8M | |
| | Valve Seat | Stainless Steel Gr. 316 | |
| | All other internal parts | Stainless Steel Gr. 304 | |
| | Stem | Stainless Steel Gr. 316 Monel for Seawater | |
| | Pilot | Stainless Steel | |
| | Tubing & Fitting | Stainless Steel | |
| | Elastomers | NBR / Buna-N Nylon Reinforced | |
| | | | |

XT-4080S - Solenoid Valve

Specifications

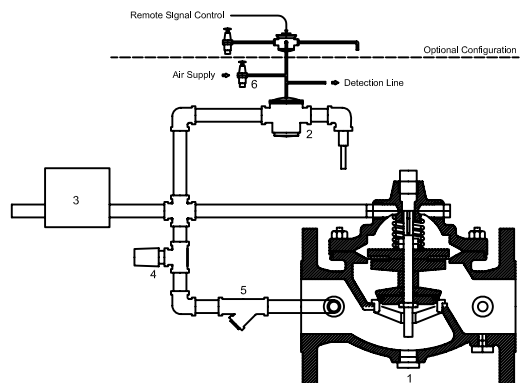
| | |
|------------------|---|
| Type | 3/2 way - Normally Open, Energize to open Deluge Valve 3/2 way - Normally Close, De-energize to open Deluge Valve |
| Body | Brass ASTM B283, Stainless Steel |
| Enclosure Option | Weather proof to NEMA type 1, 2, 3, 4, 5. NEMA type 6, 7, 8 - Watertight IP65 Explosion Proof PESO/CMRI certified for Gr.IIA/IIB (sold at an extra cost) |
| Voltage | 110V _{AC} / 220V _{AC} @ 50Hz / 60Hz 24V _{DC} / 48V _{DC} |
| Coil | Class F |
| AC Coil | 6 Watts |
| DC Coil | 10.6 Watts |
| Inrush Amp | 30V _{AC} |
| Holding Amp | 16V _{AC} |

SOLENOID TRIM



| | |
|---|------------------------|
| 1 | Main Deluge Valve |
| 2 | Pilot Valve |
| 3 | Solenoid Valve |
| 4 | Manual Release Station |
| 5 | Flow Control Device |
| 6 | Flow Clean Strainer |

PNEUMATIC TRIM



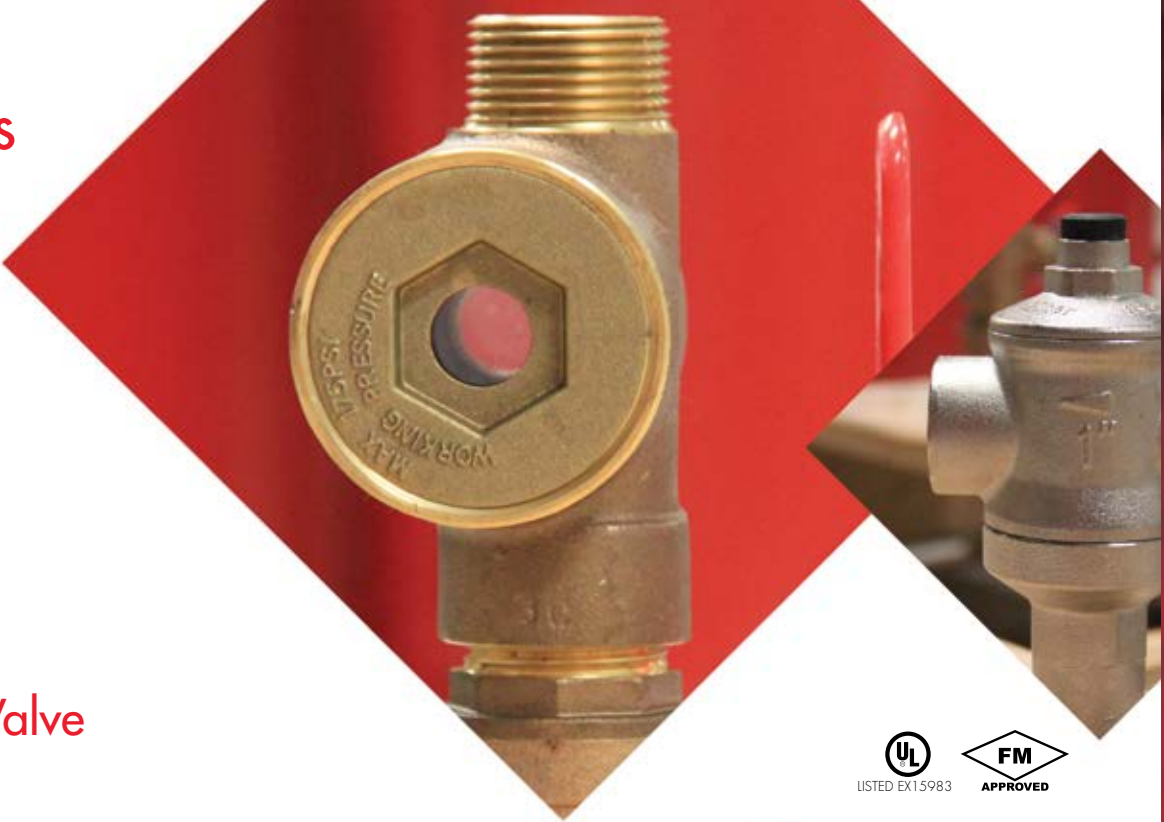
| | |
|---|------------------------|
| 1 | Main Deluge Valve |
| 2 | Pilot Valve |
| 3 | Manual Release Station |
| 4 | Flow Control Device |
| 5 | Flow Clean Strainer |
| 6 | Air Filter Regulator |

XT-4080P - Pilot Valve

Specifications

| | |
|----------------------|--------------------------|
| Body & Trim Material | Complete Stainless Steel |
| Max. Pressure | 375psig (26barg) |
| Max. Temperature | 70°C / 160°F |
| Fluid | Air / Water / Light Oil |
| Elastomers | Buna-N Nylon Reinforced |

Other Valves



Test and Drain Valve

UL Listed, FM approved

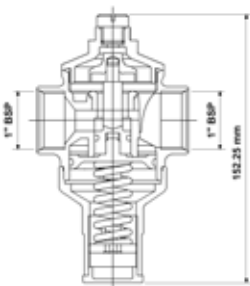


| Model | | BF-VT001 |
|----------------|------------------|---------------------|
| Specifications | Coupling | 1" M NPT X 1" F NPT |
| | Body Material | Brass |
| | Working Pressure | 175psi |



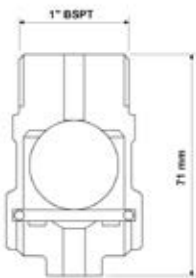
Pressure-Reducing Valve

| Model | | BFE06068 |
|----------------|-------------------------|-----------------------|
| Specifications | Inlet/Outlet D_N Type | 1" M BSPT |
| | Body Material | Brass / Chrome Plated |
| | Working Pressure | 16bar |
| | Test Pressure | 24bar |

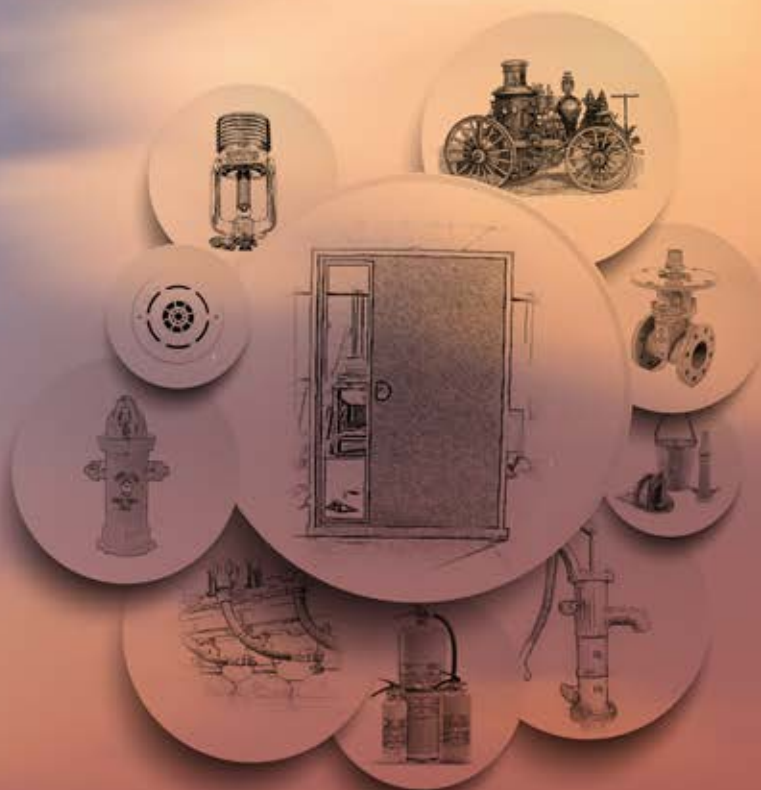


Air-Release Valve

| Model | | BFE090203 |
|----------------|---------------|-----------|
| Specifications | Coupling | M BSPT |
| | Body Material | Brass |







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