

www.newagefireprote

J. Jawahar
Sr. Manager (Marketing)

NEWAGE
FIRE PROTECTION
INDUSTRIES PVT. LTD

+9198400 94501
jawahar@newagefireprotection.com
198, Flat No. 5, 5th St., Sri Durga Flats, Kambar Nagar, Chennai-600 082. Tamilnadu

NEWAGE
Plus
Innovative Fire Solutions

Strong Structure Needs Stronger Fire Protection

Flexible Sprinkler Hose | Automatic Sprinklers |

Butterfly Valve | Gate Valve |

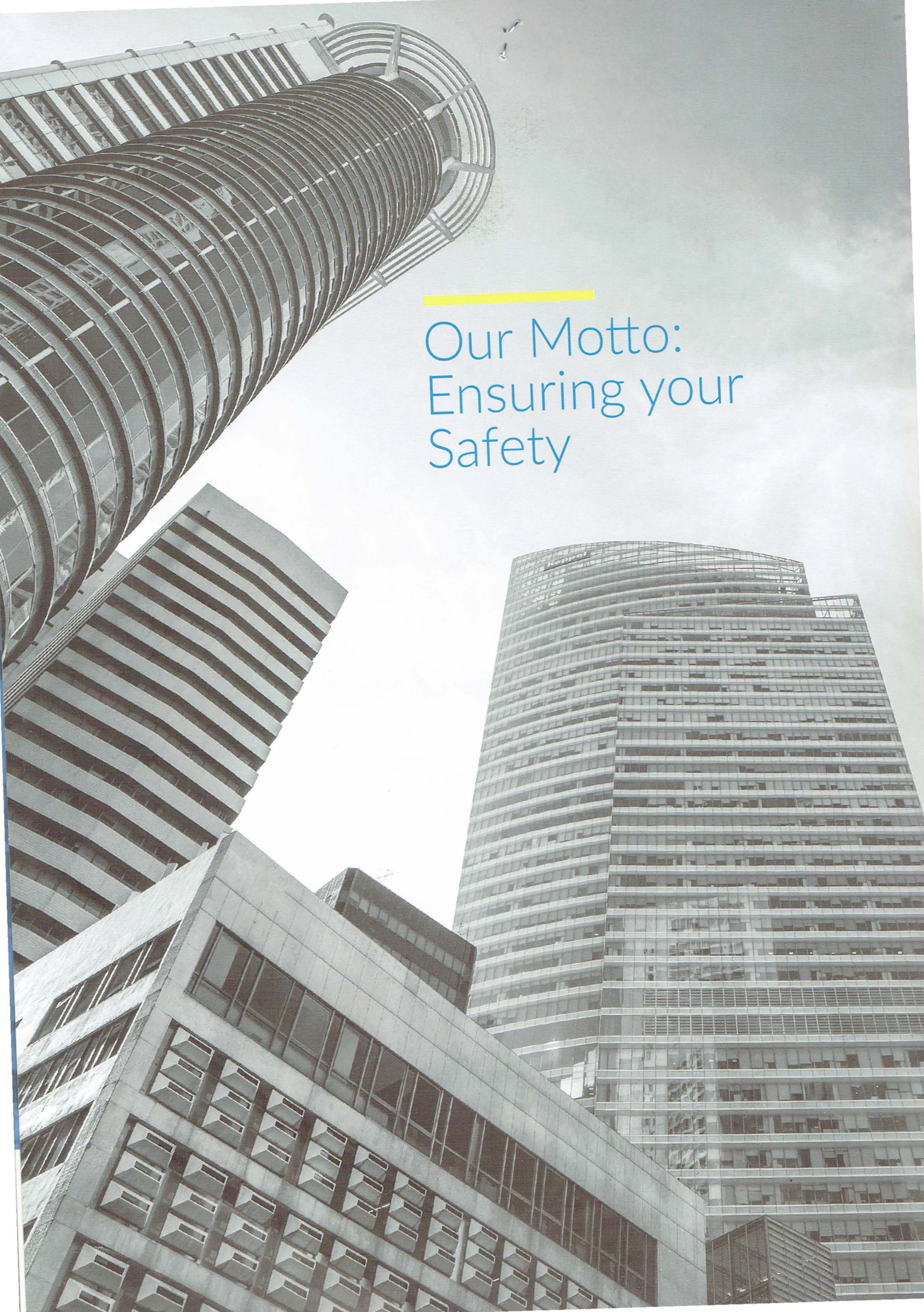
Pressure Restricting Valve |

Pressure Relief & Reducing Valve |

Dry Barrel Fire Hydrant |

Deluge Valve |

NEWAGE
FIRE PROTECTION
INDUSTRIES PVT. LTD



Our Motto:
Ensuring your
Safety

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About NewAge Plus

We would like to introduce our "NEWAGE PLUS" range of product. rapid urbanization has led to technological advancement and research in several fields, which resulted in the inventions of new materials and processes. In the field of fire protection too, lot of innovations have come through, especially in the design aspects of various fire fighting appliances.

To cope up with these developments, we have incorporated the latest innovations into our products so that they can, not only withstand all the challenges of today but also meet your future requirements.

In view of above, we offer a comprehensive package consisting of several fire fighting appliances which

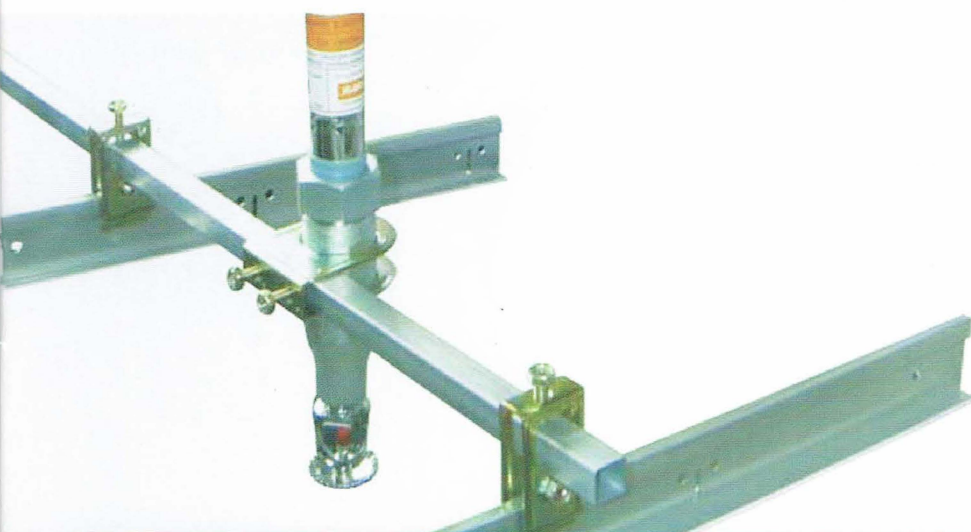
can be useful in the event of a fire. Our package consists of the following items:

- About NewAge Plus
- Unbraided Flexible Sprinkler Hose
- Braided Flexible Sprinkler Hose
- Pendant / Upright Sprinkler
- Concealed Sprinkler
- Horizontal Sidewall Sprinkler
- Alarm Valve
- Wafer Type Butterfly Valve
- Wafer Type Butterfly Valve
- Wafer Butterfly Valve
- Grooved Type Butterfly Valve
- Resilient Wedge Gate Valve
- Resilient Wedge Gate Valve
- NRS Gate Valve
- Flanged Resilient Swing Check Valve
- Flanged Y-Type Strainer
- Dry Barrel Fire Hydrant
- Waterflow Detector & Supervisory Switch
- Pressure Restricting Valve
- Pressure Relief & Reducing Valve
- Contact

Brief details of the above items are given overleaf.

Please do get in touch with us for enquiries and further details.

Unbraided Flexible Sprinkler Hose



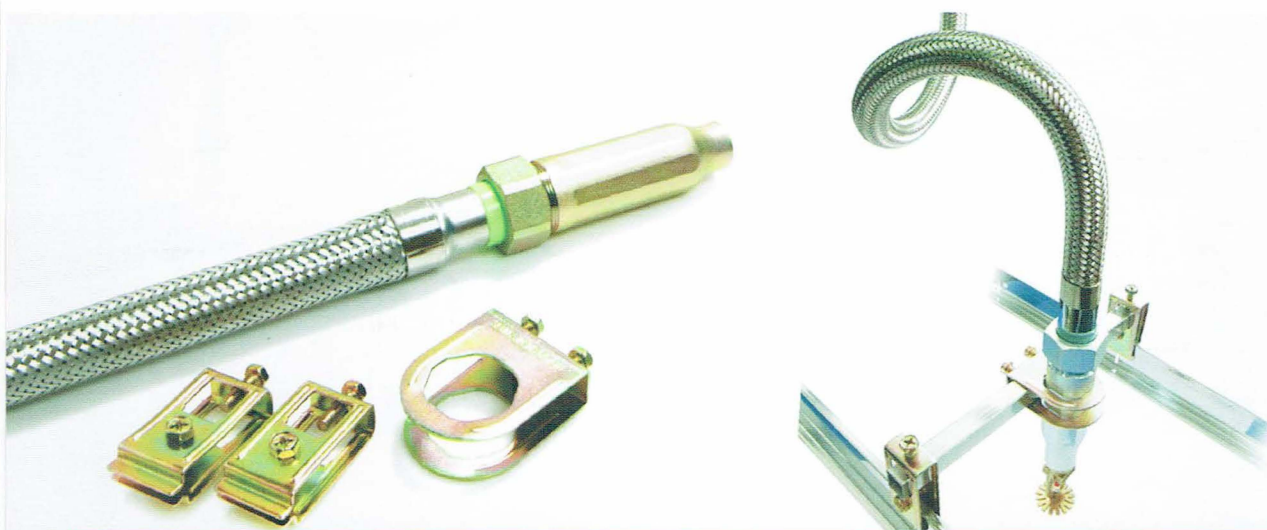
Description	Material
Flexible Tube	Stainless Steel - 304
Reducer, Nipple	SPHT2
Nut	SWRM6K
Isolating Ring	Polyamide 6

Description	Material
O-Ring	NBR/EPDM
Bracket L & Bracket S	SPCC - (Galv.)
Square Bar	SGCC - (Galv.)
Bolt	SWCH 10A

Technical Specifications

Model	W.P. PSI/ kg/cm ²	Outlet Inch (mm)	K-factor	Assembly Length, Ft (mm) permissible	Max NO. OF 90° bends Permissible	Min. Bend Radius in Inches.	Eq. Length of 1" Sc. 40 Steel Pipe (C=120), in feet
NFAP25-07	200 (14)	1/2"(12.7)	5.6 (80)	2.3 (700)	1	5	26
NFAP25-10	200 (14)	1/2"(12.7)	5.6 (80)	3.3 (1000)	1	5	36
NFAP25-12	200 (14)	1/2"(12.7)	5.6 (80)	3.9 (1200)	3	5	67
NFAP25-15	200 (14)	1/2"(12.7)	5.6 (80)	4.9 (1500)	3	5	84
NFAP25-18	200 (14)	1/2"(12.7)	5.6 (80)	5.9 (1800)	3	5	101
NFAP25-07	200 (14)	3/4"(19)	8.0(115)	2.3 (700)	1	5	32
NFAP25-10	200 (14)	3/4"(19)	8.0(115)	3.3 (1000)	1	5	42
NFAP25-12	200 (14)	3/4"(19)	8.0(115)	3.9 (1200)	3	5	73
NFAP25-15	200 (14)	3/4"(19)	8.0(115)	4.9 (1500)	3	5	77
NFAP25-18	200 (14)	3/4"(19)	8.0(115)	5.9 (1800)	3	5	105
NI25UB-700	175 (12.25)	1/2"(12.7)	5.6 (80)	2.3 (700)	1	4	24
NI25UB-1000	175 (12.25)	1/2"(12.7)	5.6(80)	3.3 (1000)	2	4	44
NI25UB-1200	175 (12.25)	1/2"(12.7)	5.6(80)	3.9 (1200)	2	4	49
NI25UB-1500	175 (12.25)	1/2"(12.7)	5.6(80)	4.9 (1500)	2	4	59
NI25UB-1800	175 (12.25)	1/2"(12.7)	5.6(80)	5.9 (1800)	3	4	84
NI25UB-700	175 (12.25)	3/4"(19)	8.0(115)	2.3 (700)	1	4	30
NI25UB-1000	175 (12.25)	3/4"(19)	8.0(115)	3.3 (1000)	2	4	48
NI25UB-1200	175 (12.25)	3/4"(19)	8.0(115)	3.9 (1200)	2	4	55
NI25UB-1500	175 (12.25)	3/4"(19)	8.0(115)	4.9 (1500)	2	4	64
NI25UB-1800	175 (12.25)	3/4"(19)	8.0(115)	5.9 (1800)	3	4	86

Braided Flexible Sprinkler Hose



Description	Material
Flexible Tube/ Braiding Wire	Stainless Steel - 304
Reducer, Nipple	SPHT2 (Steel)
Nut	SWRM6K
Isolating Ring	Polyamide 6

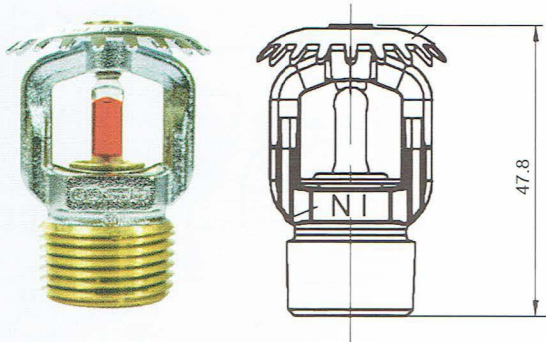
Description	Material
O-Ring	NBR/EPDM
Bracket L & Bracket S	SPCC - (Galv.)
Square Bar	SGCC - (Galv.)
Bolt	SWCH 10A

Technical Specifications

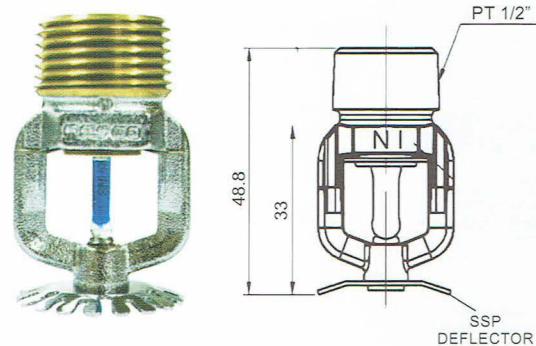
Model	W.P. PSI/ kg/cm ²	Outlet Inch (mm)	K-factor	Assembly Length, Ft (mm) permissible	Max NO. OF 90° bends Permissible		Min. Bend Radius in Inches.		Eq. Length of 1" Sc. 40 Steel Pipe (C=120), in feet	
					UL	FM	UL	FM	UL	FM
NI27-SB-07	200 (14)	1/2"(12.7)	5.6 (80)	2.3 (700)	1	1	5	11.8	26	33.0
NI27-SB-10	200 (14)	1/2"(12.7)	5.6 (80)	3.3 (1000)	1	2	5	11.8	36	43.6
NI27-SB-12	200 (14)	1/2"(12.7)	5.6 (80)	3.9 (1200)	3	3	5	11.8	67	55.9
NI27-SB-15	200 (14)	1/2"(12.7)	5.6 (80)	4.9 (1500)	3	4	5	11.8	84	67.5
NI27-SB-18	200 (14)	1/2"(12.7)	5.6 (80)	5.9 (1800)	3	4	5	11.8	101	78.8
NI27-SB-07	200(14)	3/4"(19)	8.0(115)	2.3 (700)	1	1	5	11.8	32	28.3
NI27-SB-10	200 (14)	3/4"(19)	8.0(115)	3.3 (1000)	1	2	5	11.8	42	48.1
NI27-SB-12	200 (14)	3/4"(19)	8.0(115)	3.9 (1200)	3	3	5	11.8	73	86.8
NI27-SB-15	200 (14)	3/4"(19)	8.0(115)	4.9 (1500)	3	4	5	11.8	77	111
NI27-SB-18	200 (14)	3/4"(19)	8.0(115)	5.9 (1800)	3	4	5	11.8	105	120.8
NI25B-07	175 (12.25)	1/2"(12.7)	5.6 (80)	2.3 (700)	1	1	7.5	10	12	26.4
NI25B-10	175 (12.25)	1/2"(12.7)	5.6(80)	3.3 (1000)	1	1	7.5	10	42	34.1
NI25B-12	175 (12.25)	1/2"(12.7)	5.6(80)	3.9 (1200)	3	2	7.5	10	53	46.8
NI25B-15	175 (12.25)	1/2"(12.7)	5.6(80)	4.9 (1500)	3	3	7.5	10	68	61.4
NI25B-18	175 (12.25)	1/2"(12.7)	5.6(80)	5.9 (1800)	3	4	7.5	10	94	76.1
NI25B-07	175 (12.25)	3/4"(19)	8.0(115)	2.3 (700)	1	1	7.5	10	21	19.4
NI25B-10	175 (12.25)	3/4"(19)	8.0(115)	3.3 (1000)	1	1	7.5	10	74	28.4
NI25B-12	175 (12.25)	3/4"(19)	8.0(115)	3.9 (1200)	3	2	7.5	10	49	39.5
NI25B-15	175 (12.25)	3/4"(19)	8.0(115)	4.9 (1500)	3	3	7.5	10	73	54.8
NI25B-18	175 (12.25)	3/4"(19)	8.0(115)	5.9 (1800)	3	4	7.5	10	99	70.1

Pendant/ Upright-Sprinkler

Upright Sprinkler



Pendant Sprinkler



Standard Response & Quick Response

The sprinkler is available in Pendent and Upright spray, 5 mm diameter glass bulb in standard response and 3 mm diameter glass bulb in quick response. Temperature rating of 68°C and 79°C, K 5.6 (80) orifice size, and Pressure rating of 175psi (12 Bar).

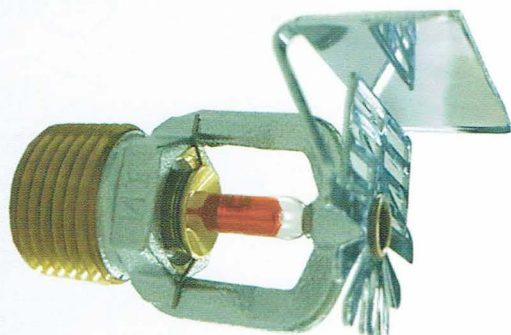
Technical Specifications

SIN	NI 320	NI 310	NI 321	NI 311
Response Type	Standard Response	Standard Response	Quick Response	Quick Response
Type	Pendant	Upright	Pendant	Upright
Nominal K-Factor	5.6 (80)	5.6 (80)	5.6 (80)	5.6 (80)
Maximum Working Pressure	175 psig (12 Bar)	175 psig (12 Bar)	175 psig (12 Bar)	175 psig (12 Bar)
Hydrostatic Test Pressure	350 psig (25 Bar)	350 psig (25 Bar)	350 psig (25 Bar)	350 psig (25 Bar)
Operating Temperature	68 °C / 79° C	68 °C / 79° C	68 °C / 79° C	68 °C / 79° C
Glass Bulb Size	5 mm	5 mm	3 mm	3 mm
Thread Size	1/2" NPT / BSPT	1/2" NPT / BSPT	1/2" NPT / BSPT	1/2" NPT / BSPT

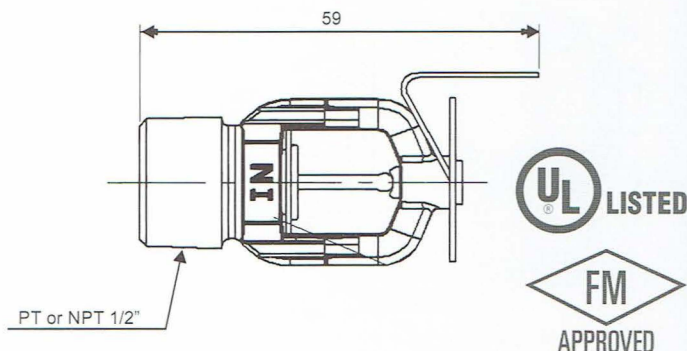
Material Specification

Component	Material	Specification
Frame	Forged Brass	AS1568 Alloy486
Deflector	Stainless Steel	STS 304
Bulb Retainer	Bronze Rod	C863600
Spring Washer	Stainless Steel Sheet PTFE Coated	ASTM A 167 S30400
Set Screw	Stainless Steel	STS304

Horizontal Sidewall Sprinkler



Assembly Diagram



Standard Response & Quick Response

Newage UL & FM Sidewall Type Sprinkler Is for horizontal Installation. It Offers rectangular spray pattern and is ideally suited for use in the sprinkler hard-install area such fire prevention shutter area such as fire privation shutter area, mechanical parking building, hotel and escalator

Technical Specifications

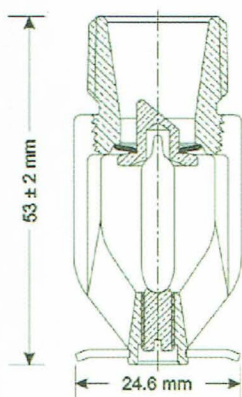
SIN NO.	NI 340	NI 341
Response Type	Standard	Quick
Temperature Rating	68 ° C / 79° C	68 ° C / 79° C
Nominal K Factor	5.6 (80)	5.6 (80)
Glass Bulb Size	5 mm	3 mm
Maximum Working Pressure	175 psi (12kgf/cm2)	175 psi (12kgf/cm2)
Hydrostatic Test Pressure	350 psi (25kgf/cm ²)	350 psi (25kgf/cm ²)
Thread Size	1/2" NPT / BSPT	1/2" NPT / BSPT
Product Finish	Chrome Plated	Chrome Plated
Approved	UL Listed (File EX 15242)	UL Listed (File EX 15242)

Material Specification

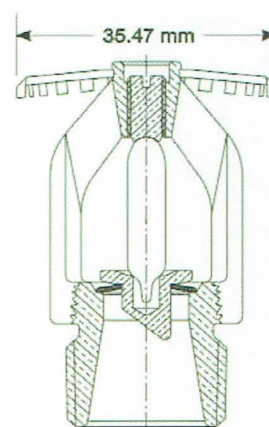
Component	Material	Specification
Frame	Forged Brass	AS1568 Alloy486
Deflector	Stainless Steel	STS 304
Bulb Retainer	Bronze Rod	C863600
Spring Washer	Stainless Steel Sheet PTFE Coated	ASTM A 167 S30400
Set Screw	Stainless Steel	STS304

Pendant/ Upright-Sprinkler

Pendant Sprinkler



Upright Sprinkler



Standard Response & Quick Response

The sprinkler is available in Pendent and Upright spray, 5 mm diameter glass bulb in standard response and 3 mm diameter glass bulb in quick response. Temperature rating of 68°C and 79°C, K 5.6 (80) orifice size, and Pressure rating of 175psi (12 Bar).

Technical Specifications

SIN	NISP10 / NI052	NISU10 / NI032	NIQP10 / NI062	NIQU10 / NI042
Response Type	Standard Response	Standard Response	Quick Response	Quick Response
Type	Pendant	Upright	Pendant	Upright
Nominal K-Factor	5.6 (80)	5.6 (80)	5.6 (80)	5.6 (80)
Maximum Working Pressure	175 psig (12 Bar)	175 psig (12 Bar)	175 psig (12 Bar)	175 psig (12 Bar)
Hydrostatic Test Pressure	350 psig (25 Bar)	350 psig (25 Bar)	350 psig (25 Bar)	350 psig (25 Bar)
Operating Temperature	68 °C / 79° C	68 °C / 79° C	68 °C / 79° C	68 °C / 79° C
Glass Bulb Size	5 mm	5 mm	3 mm	3 mm
Thread Size	1/2" NPT / BSPT	1/2" NPT / BSPT	1/2" NPT / BSPT	1/2" NPT / BSPT

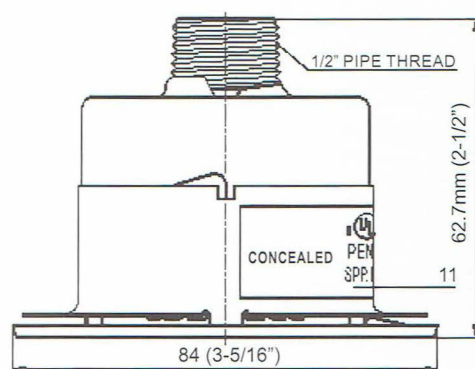
Material Specification

Component	Material	Specification
Frame	Forged Bronze	ASTM B584 CB3600
Deflector	Brass Sheet	ASTM B36 C6800
Bulb Retainer	Bronze Rod	C863600
Spring Washer	Stainless Steel Sheet PTFE Coated	ASTM A 167 S30400
Set Screw	Brass Rod	ASTM B 16 C36000

Concealed Sprinkler



Assembly Diagram



Standard Response & Quick Response

NewAge concealed sprinkler is designed to meet both aesthetic and practical requirement for airport, high-class hotel, luxurious apartment, and sports facility. Its unique concealed installation hides the sprinkler behind the cover plate assembly, providing 10 mm of field adjustment capability, resulting in an easily accomplished tight fit against the ceiling.

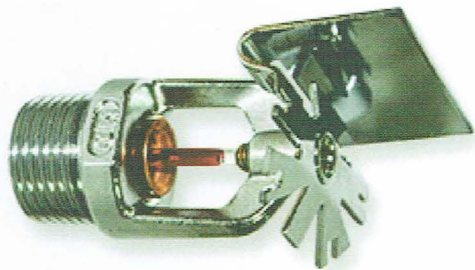
Technical Specifications

SIN NO.	NI072	NI082
Response Type	Standard	Quick
Temperature Rating (Sprinkler)	68 °C	68 °C
Temperature Rating (Cover Plate)	57° C	57° C
Nominal K Factor	5.6 (80)	5.6 (80)
Glass Bulb Size	5 mm	3 mm
Maximum Working Pressure	175 psi (12kgf/cm2)	175 psi (12kgf/cm2)
Factory Hydrostatic test Pressure	350 psi (25kgf/cm2)	350 psi (25kgf/cm2)
Thread Size	1/2" NPT / BSPT	1/2" NPT / BSPT
Sprinkler Finish	Chrome Plated	Chrome Plated
Cover Plate Finish	White	White
Approved	UL Listed (File EX 15242)	UL Listed (File EX 15242)

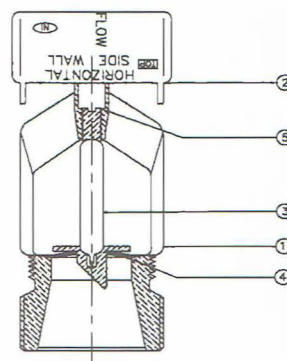
Material Specification

Component	Material	Options
Frame	Forged Bronze	ASTM B584 C83600
Deflector	Brass Sheet	ASTM B36 C26800
Bulb Retainer	Bronze Rod	CB63600
Spring Washer	Stainless Steel Sheet PTFE Coated	ASTM A 167 S30400
Set Screw	Brass Rod	ASTM B 16 C36000

Horizontal Sidewall Sprinkler



Assembly Diagram



Standard Response & Quick Response

Newage UL Listed Sidewall Type Sprinkler Is for horizontal Installation. It Offers rectangular spray pattern and is ideally suited for use in the sprinkler hard-install area such fire prevention shutter area such as fire privation shutter area, mechanical parking building, hotel and escalator

Technical Specifications

SIN NO.	NI 012	NI 022
Response Type	Standard	Quick
Temperature Rating	68 ° C / 79° C	68 ° C / 79° C
Nominal K Factor	5.6 (80)	5.6 (80)
Glass Bulb Size	5 mm	3 mm
Maximum Working Pressure	175 psi (12kgf/cm2)	175 psi (12kgf/cm2)
Hydrostatic Test Pressure	350 psi (25kgf/cm²)	350 psi (25kgf/cm²)
Thread Size	1/2" NPT / BSPT	1/2" NPT / BSPT
Product Finish	Chrome Plated	Chrome Plated
Approved	UL Listed (File EX 15242)	UL Listed (File EX 15242)

Material Specification

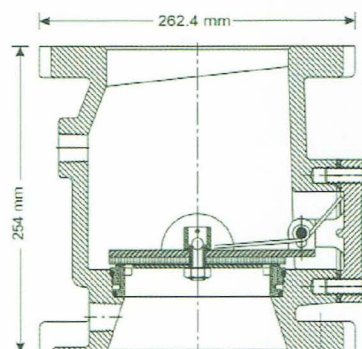
Component	Material	Specification
Frame	Forged Bronze	ASTM B584 C83600
Deflector	Brass Sheet	ASTM B36 C26800
Bulb Retainer	Bronze Rod	C863600
Spring Washer	Stainless Steel Sheet PTFE Coated	ASTM A 167 S30400
Set Screw	Brass Rod	ASTM B 16 C36000

Alarm Valve

(Available in 4 & 6 inches)



Assembly Diagram



The Newage Alarm check valve, available in 4" (100mm) and 6" (150mm) sizes features a grooved seat alarm port, an external by-pass, and removable hand hole cover which is hinged to a clapper assembly.

The valve has both flanged inlet and outlet, and is to be installed vertically on a wet pipe sprinkler system, and has capability of initiating the required alarm through a water motor alarm or an electric pressure switch.

Alarm Check Valve

Nominal Size	4" (100 mm)	6" (150 mm)
Inlet / Outlet Flange Connection	ANSIB16.5 Class 150lb Flat Face	
Flange PCD / No. of Bolts	190.5mm / 8	241.3mm / 8
Rated Working Pressure	175 psig (12 bar)	
Test Pressure	350 psig (24 bar)	
Working Pressure Range	21 psig ~ 200 psig (1.5 ~ 14 kgf/cm2)	
Max Flow Rate	550gpm (2100 lit/min)	790gpm (3000 lit/min)
Non actuating flow rate	Below 4gpm (15 l/min)	
Maximum friction loss (equivalent length of pipe c=120)	40 ft	
Certification	UL Listed (File EX15808)	
Weight	20 Kgs	37 Kgs
Standard Components	Pressure gauges, Pressure Operated Switch , Drain valve, Alarm test units	
Optional Items.	Water Motor Gong, Retard Chamber	

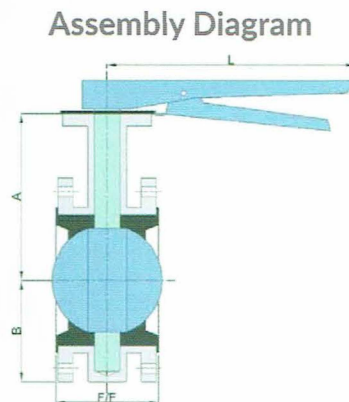
Material Specification

BODY	Cast Iron	ASTM B16 C36000
COVER	Cast iron	ASTM A126 class A
CLAPPER	Stainless Steel	ASTM A126 class A
SEAT SEAL	Synthetic rubber	ASTM A276 S30400
SEAT RING	Cast Bronze	E701N
TORSION SPRING, HINGE PIN, CLAMP RING	Stainless Steel	ASTM B584 C83600
CLAPPER BOLT	Brass Rod	ASTM A276 S30400
NUT	Stainless Steel	ASTM A276 S30400

Newage reserves the right to modify any specification without prior notice. It is recommended that Newage be contacted to ensure that the current issues of all technical data sheets are used

Wafer Type Butterfly Valve

Model No. : BFVWT02 E01



Silent Features:

- Design Standard : As per IS 13095, BS 5155, API 609
- Testing Standard : As per API 598, ISO 5208
- Rated Pressure : PN 10 & PN 16
- Body Test : 1.5 Times of Rated Pressure
- Seat Test : 1.1 Times of Rated Pressure

Pneumatic Actuator

Power Operator	Quarter-Turn Pneumatic Actuator
Type	Rack & Pinion Type
Duty	On-off / Regulating
Accessories	Solenoid Valves, Limit / Proximity Switch Box, Positioner , Air Filter Regulator, Manual Over-ride, Electro-Pneumatic Positioner, I-P Converter

Material Specification

BODY	CI,WCB,CF8,CF8M,DI	Available Sizes	40mm dia to 600mm dia (ISI Mark applicable to Sizes: 50mm dia to 250mm dia)
DISC	CI,DI,CF8M,SGI	Type	Lever Type, Gear Operated Type, Pneumatic & Electric Actuation Type
BODY LINER	NITRILE,EPDM,VITONE, SILICON,HYPALON	End Connection	Wafer End Connection & Flanged End Connection
HANDLE	SHEET METAL	Flange End Connection	As per ANSI B16.5 Class 150#

Dimensions

SIZE		F/F	A	B	L	M
MM	INCH					MOUNTING FLANG PCD
40	1/2	33	95	50	185	F05
50	2	43	116	69	265	F07
65	2 1/2	46	122.5	75.5	265	F07
80	3	46	129	82	265	F07
100	4	52	160	101.5	265	F07
125	5	56	173	114.5	265	F07
150	6	56	185.5	127	265	F07
200	8	60	233	154	330	F07
250	10	68	277	203		F10
300	12	78	305	231		F10
350	14	92	320	272		F12
400	16	102	385	302		F14
450	18	114	405	325		F14
500	20	127	485	405		F16
600	24	154	540	480		F16

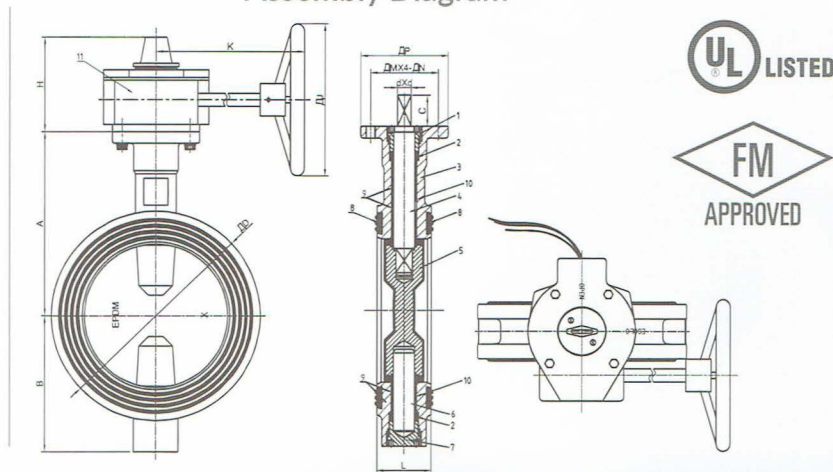
*Note: In sizes 50mm to 80mm Mounting Studs will pass outside the valve flange.
ISI mark is applicable to Sizes 50mm to 250mm.

Wafer Type Butterfly Valve

Model No. : NIBO-W300 A



Assembly Diagram



Carried Standard

Design Standard: API609

Face To Face Standard: ASME B16.10

Top Flange Standard: ISO 5211

Test Standard: Fm1112 / UL1091

ITEM/SIZE	A	B	C	D	H	K	J	P	M	N	D	L
2-1/2"	125	95	32	112	111	218	152	90	70	9	10	44.2
3"	140	100	32	120	111	218	152	90	70	9	11	45.3
4"	160	100	32	165	111	218	152	90	70	9	14	52
5"	170	125	32	182	111	218	152	90	70	9	14	54.4
6"	190	140	32	216	111	218	152	90	70	9	16	55.8
8"	230	175	32	260	126	232	300	125	102	12	19	60.5
10"	260	200	45	320	126	232	300	125	102	12	22	66.5
12"	300	240	45	375	161	252	300	125	102	14	24	78.9

No	Name	Material
1	Signal Gearbox	DI
2	End Face Seal	EPDM
3	Lower Shaft Sealing Nut	WCB
4	Lower Shaft	SS416
5	Disc	DI+EPDM
6	Upper Shaft	SS416
7	Body	DI
8	Shaft Seal	EPDM
9	Upper Shaft Sealing Nut	WCB

Specification

Size: 2 1/2" Through 12"

W.P: 300 PSI (20 Bars)

Max T.P: 600 PSI (40 Bars)

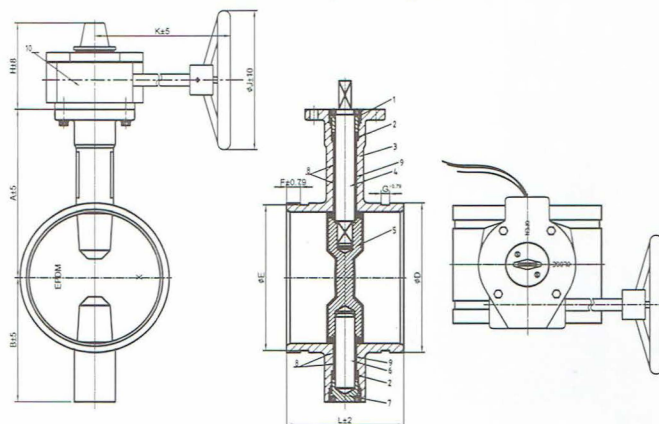
Approval: UL listed & FM Approved

Grooved Type Butterfly Valve

Model No. : NIBO-G300 A



Assembly Diagram



Carried Standard

Design Standard : API609
Groove Standard: ANSI/AWWA C606
Top Flange Standard: ISO5211
Test Standard : FM1112/UL1091

ITEM/SIZE	A	B	C	D	E	F	G	H	K	J	P	M	N	D	L
2-1/2"	125	95	32	76.1	72.1	15.9	7.9	111	218	152	90	70	9	10	96.4
3"	140	100	32	88.9	84.9	15.9	7.9	111	218	152	90	70	9	11	97
4"	160	100	32	114.3	110.1	15.9	9.5	111	218	152	90	70	9	14	115.1
5"	170	125	32	168.3	137	15.9	9.5	111	218	152	90	70	9	14	132.4
6"	190	140	32	219.1	164	15.9	9.5	111	218	152	90	70	9	16	132.4
8"	230	175	32	273	214.6	19	11.1	126	232	300	125	102	12	19	147.4
10"	260	200	45	324	268.3	19	12.7	126	232	300	125	102	12	22	159
12"	300	240	45	375	318.3	19	12.7	161	252	300	125	102	14	24	165

No	Name	Material
1	End Face Seal	EPDM
2	Lower Shaft Sealing Nut	WCB
3	Lower Shaft	SS416
4	Disc	DI+EPDM
5	Upper Shaft	SS416
6	Body	DI
7	Shaft Seal	EPDM
8	Upper Shaft Sealing Nut	WCB

Specification

Size: 2 ½" Through 12"

W.P: 300 PSI (20 Bars)

Max T.P: 600 PSI (40 Bars)

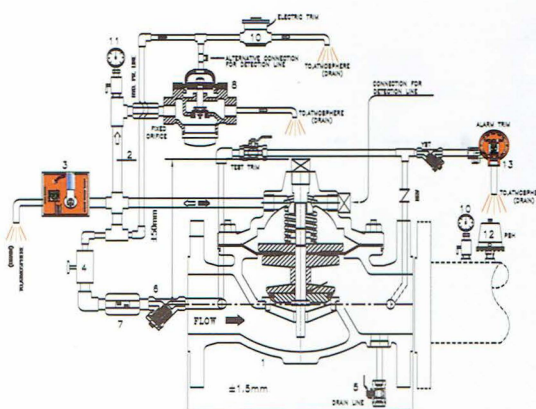
Approval: UL listed & FM Approved

Deluge Valve

Model No. : DV NP 100



Assembly Diagram



Deluge Valve are used in conditions that call for quick application of large volumes of water and, for that reason, are often integral components in fire protection system.

Deluge systems deliver large quantities of water over a large area, in a relatively short period of time. They are commonly used in fixed fire protection systems whose pipe system is empty until the deluge valve distributes pressurized water from open nozzles or sprinklers.

Features

- Newage deluge valve- auto resetting type
- Valve all wet/dry trims and complete outer fitting trims are in ss 304 material (not in galvanized iron), for long life and heavy duty
- Deluge valve is completely pre- assembled (piped) with wet pilot trim/ pneumatic trim from factory- which is saving high lab our cost to do trim fitting at site,
- Hydro tested at 30 bar with all fittings and piping of trim in assembled condition
- Valve body is in carbon steel (which is more reliable then sg iron and cast iron) for long life
- Rubber diaphragm used, is flexible and strong, which can with stand up to 265 psi
- Rubber quad ring is used in seat for zero leak
- Minimum maintenance design, low friction and high flow capacity

Technical Specifications

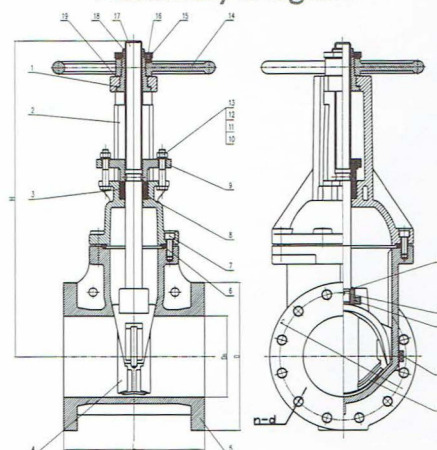
Valve Body	: Cast Steel ASTM A 216 WCB	Net Weight Without Trim	: 200 NB - 195 Kg 150 NB - 100Kg 100 NB - 54Kg 80 NB - 34Kg 65 NB - 30Kg 50 NB - 28Kg
Normal Size	: 50,65,80,100,150,200 NB	Finish/Paint	: RAL 3000 (Red Color)/Fire Red is Confirm to Is5 Shade 536 to IS 2932
Service Pressure	: 1.4 to 12 Bar (20 to 175 PSI)	Approval	: UL Listed
Threaded Opening	: BSPT	Ordering Information	: 1. Size of valve 2. Flange specification 3. Valve trim vertical or horizontal 4. Trim type
Mounting	: Vertical or Horizontal		
Factory Hydrostatic test Pressure	: 31Kg/sq.cm.(440 PSI)		
Flange Connection	: ANSI B 16.5 # 150 RF(FF-Optional)		
Wet Pilot Sprinkler Hight Limitation	: As per graph in the catalogue		

Resilient Wedge Gate Valve

Model No- NPOSY-300F



Assembly Diagram



Working Pressure: 300psi (PN20) & 200psi (PN14)
Flanged End: ANSI B16.1 Class 125/150/300

Size Chart

Size Item	2-1/2"	3"	4"	5"	6"	8"	10"	12"
DN	65	80	103	128.5	155	204	255	304
L	190	203	229	254	267	292	330	356
D	178	191	229	254	279	343	406	483
H	370	420	447	547	607	754	890	1031

Material Specification

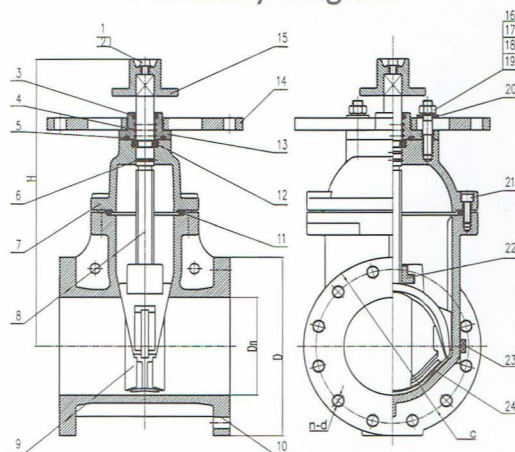
Parts NO.	Part Name	Material	Standard
1	Body	DI	ASTM A536 65-45-12
2	Disc	DI+EPDM	ASTM A536 65-45-12 + EPDM
3	Connecting Part	C95400	ASTM B148
4	Sealing Pad	EPDM	ASTM D2000 EPDM
5	Stem	S.S.304	ASTM A276
6	Cap	DI	ASTM A536 65-45-12
7	Sealing Kits	Graphite	
8	Bolt	Steel	
9	Platen	DI	ASTM A536 65-45-12
10	Nut	Steel	
11	Rotating Nut	C95400	ASTM B 148
12	Handwheel	Steel	ANSI 1045
13	Lock Nut	Steel	ANSI,1045
14	Flat Key	S.S.416	
15	Countersunk Head Bolt	Steel	
16	Cylinder Pin	Steel	
17	Plug	C95400	ASTM B148

NRS Gate valve

Model No-NPNRS-300F



Assembly Diagram



Working Pressure: 300psi (PN20) & 200psi (PN14)
Flanged End: ANSI B16.1 Class 125/150/300

Size Chart

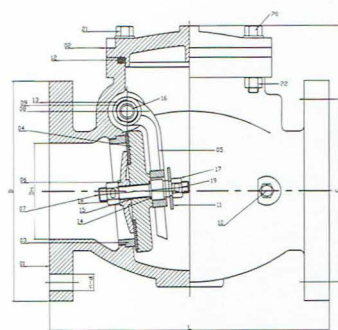
Size Item	2-1/2"	3"	4"	5"	6"	8"	10"	12"
DN	65	80	103	128.5	155	204	255	304
L	790	203	229	254	267	292	330	356
D	178	191	229	254	279	343	406	483
H	292	322	342	412	448	534	635	720

Material Specification

Parts NO.	Part Name	Material	Standard
1	Body	DI	ASTM A536 65-45-12
2	Disc	DI+EPDM	ASTM A536 65-45-12 + EPDM
3	Nut	C95400	ASTM B148
4	Gasket	EPDM	ASTM D2000 EPDM
5	Stem	S.S.304	ASTM A276
6	Cap	DI	ASTM A536 65-45-12
7	Retainer Ring	C95400	ASTM B148
8	O-Ring	EPDM	ASTM D2000 EPDM
9	Scotch	DI	ASTM A536 65-45-12
10	Minipad	Steel	
11	Bolt	Steel	
12	Bolt Stud	Steel	
13	Blind Nut	Steel	
14	Plain Washer	Steel	
15	Coupling Flange	DI	ASTM A536 65-45-12
16	Platen	DI	ASTM A536 65-45-12
17	Countersunk Head Bolt	Steel	
18	Plug	C95400	ASTM B148

Flanged Resilient Swing Check Valve

Model No- NPSCV-300F



Working Pressure: 300psi (PN20)

Flanged End: ANSI B16.1 Class 125/150/300

Size Chart

Size Item	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
Dn	51	64	80	100	126	152	204	254	302
L	203	216	241	292	330	356	495	622	698
D	152	178	191	229	254	276	343	406	483
3, 6 & 10	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432
n-d	4-Ø19	4-Ø19	4-Ø19	8-Ø19	8-Ø22	8-Ø22	8-Ø22	12-Ø25	12-Ø25
H	142	148	163.5	172	237	233	301	348	419

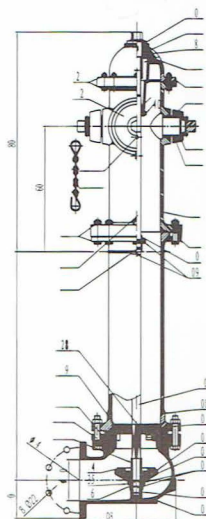
Sr. No.	PART NAME	MATERIAL/STANDARD
1,2,4 & 5	Body, Bonnet, Disc & Rocker Arm	ASTM A536 65-45-12
3, 6 & 10	Seat Ring, Baffle plate & Plug	ASTM A148 C95400
7,8,11,17,18 & 19	Middle Plate, Pinned Stem, Gasket & Outer Hexagon Nut M 12	ASTM A276 SS304
9	Bracket Screw	ASTM A351 SS304
12,13,14 & 15	O-Ring	ASTM A2000 EPDM
16	Bronze bushing	Powder Metallurgy
20,21 & 22	M12 x 60 Zinc Outer Hexagon Nut, M12x 40 Zinc Outer Hexagon Nut, M12 Zinc Outer Hexagon Nut	ASTM A194 2H Steel

Dry Barrel Fire Hydrant

Model No. : NP-1510



Assembly Diagram



- Design Standard : AWWAC502
- Nominal Pressure C: 250PSI
- One Pumper Nozzle, 4.5-4NH thread. Two hose nozzles, 25-7.5NH threads. Other Kinds of threads are available
- Mechanical Connector : AWWA/ANSI C 153/A21.53 6"
- Available Sizes : 36", 42", 48", 54", 60", 66", 72"

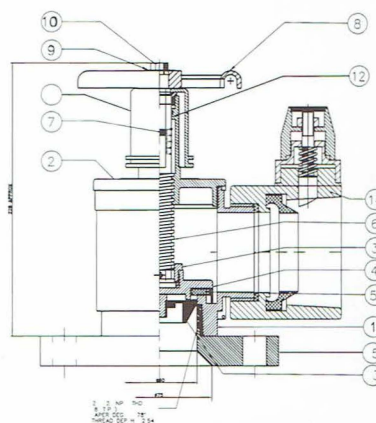
Materials Specification

Bolt	ASTM A240	40	2	304
Screw Stem Bushing	ASTM A240	39	1	304
100 Cover Gasket	Figure not Shown	38	1	EPDM
100 Connector	ASTM B62	37	1	C83600
Check Turn Gasket	ASTM A283-B	36	1	Gr.B
Locking Nut Seat		35	1	DI
Platen		34	1	DI
Annular Tubes	ASTM A29/29M	33	1	1045
Bolt. Nut	ASTM A29/29M	32	8	1035
Seat Fixing Plate		31	1	DI
Seat	ASTM B62	29	1	C83600
Pressure Relief Valve	ASTM B62	28		C83600
Cushion Rubber		27	1	EPDM
Screw Stem	ASTM A29/29M	26	1	1045
Bolt. Nut	ASTM A29/29M	25	8	1035
Cover Chain	ASTM A283-B	24	3	Gr.B
Cylindrical Pin	ASTM A29/29M	23	1	1045
100 Cover		22	1	DI
Bolt. Nut	ASTM A29/29M	21	8	1035
Screw Nut Seat	ASTM B62	20	1	C83600
Screw Nut Gasket	ASTMB62	19	1	C83600
Screw Stem Nut	ASTM B62	18	1	C83600
Thread Plug	ASTM B62	17	1	C83600
Upper End Cover		16	1	DI
65 Cover		15	2	DI
65 Cover Gasket		14	2	EPDM
65 Connector	ASTM B62	13	2	C83600
Main Body On Ground		12	1	DI
Clamp For Connection Tube\		11	1	DI
Connecting Rod Sleeve	ASTM A29/29M	10	1	1045
Perforated Cylindrical Pin	ASTM A29/29M	09	2	1045
Connecting Cylinder		08	1	DI
Guid Bracket	ASTM B62	07	1	C83600
Sealed Rubber Sheet		06	1	EPDM
Tray		05	1	DI
Locking Nut Gasket		04	1	EPDM
Connecting Rod	ASTM A29/29M	03	1	1045
Locking Nut		02	1	DI
Mechanical Connector		01	1	DI

Pressure Restricting Valve



Assembly Diagram



The Newage Pressure Restricting Valve is intended for use in wet-pipe systems and to be installed in the supply piping of standpipe systems or at the hose outlets for reducing existing high pressure in the piping system to a level that the fire hose nozzle can be managed by an operator.

Pressure Restricting valves are designed to reduce outlet pressures under flowing conditions only and are intended to be used in situations where the inlet pressure does not exceed 175 psi.

Technical Specifications

Model	38A	63A
Nominal Size	1 1/2" (38 mm)	2 1/2" (64 mm)
Inlet Connection	NPT -Female	NPT -Female
Outlet Connection	NST- Male	NST- Male
Rated Working Pressure	175 psig (12 bar)	175 psig (12 bar)
Flow rate	375 LPM	945 LPM
Direction of Opening	Counter Clockwise	Counter Clockwise
Certification	FM Approved	FM Approved

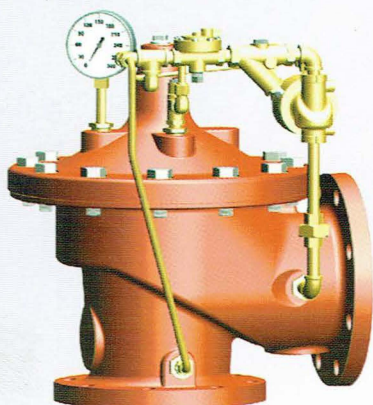
Material Specification

Component	Material	Specification
Body	Copper Alloy	BS: 1400 DC83
Bonnet, Pressure Indicator, Seat Valve	Copper Alloy	BS: 1400 DC83
Seat Washer	Rubber	BS: 2752
Spindle, Adjusting Nut	Brass	BS: 2874 CZ-121
Wheel Nut	Stainless Steel	BS:970/4
Hand Wheel	Ductile Iron	BS:2789 420/12

Claval

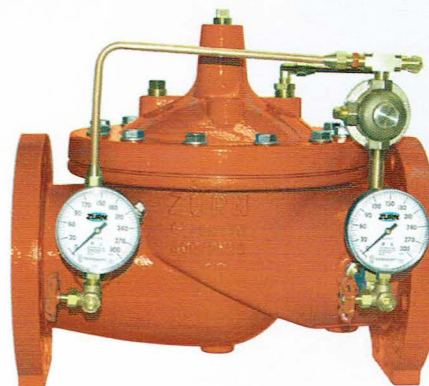
Pressure Relief & Reducing Valve

Pressure Relief Valve



Model No. 2050 B

Pressure Reducing Valve



Model No. 90G - 21



Model No. 55L-60

Pressure Relief Valve : 2050B-4KG1 Pilot operated Pressure Relief Valve designed specifically for fire suppression systems to relieve high system pressure. The Pilot assembly reacts quickly to increase of upstream pressure to prevent damage to system piping, Valves and sprinklers while maintaining positive pressure fire pump.

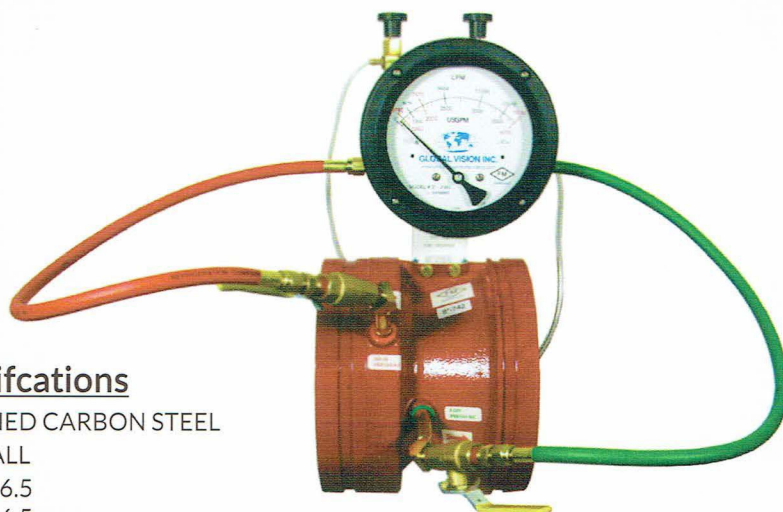
Pressure Reducing Valve : Model 90G-21 Pilot operated Pressure Reducing Valve designed specifically for fire suppression system to reduce high inlet pressure to safe and stable outlet pressure. The Pilot assembly reacts to changes in downstream pressure allowing the main valve to modulate between the closed and open position ensuring constant downstream set pressure.

Materials Specification

	Pressure Relief Valve	Pressure Reducing Valve
1. Main Valve Body, Bonnet	Ductile Iron ASTM A536	Ductile Iron ASTM A536
2. Disc Guide & Seat	Bronze ASTM B 62	Bronze ASTM B 62
3. Disc Bun	N rubber	N rubber
4. Diaphragm	Nylon reinforced Bunan	Nylon reinforced Bunan
5. Steam & Spring	Stainless Steel	Stainless Steel
6. Approval	UL/ULC/ FM Approved	UL/ULC Approved
7. Size	2" to 12"	1 1/2" to 10"
8. Threaded end, ANSI B1.20.1	1/2", 3/4" & 1"	1 1/2" to 3"
9. Flanged ends, ANSI B16.42	ANSI Class 150 & Class 300	ANSI Class 150 & Class 300
10. Temperature Rating	Water 33°F to 140°F	Water 33°F to 140°F
11. Pilot Spring Range	50-165psi ResidualPressure (155 psi Max 10")	50-165psi ResidualPressure (155 psi Max 10")
12. Inlet Working Pressure	300 psi (21 Bar)	300 psi (21 Bar)

Global Vision

Flow Meter



Construction & Specifications

MATERIALS: 1026 MACHINED CARBON STEEL
VALVES: 1/4" BRASS BALL
FLANGE OPT: 150# ANSI B 16.5
300# ANSI B 16.5
ID TAG: ALUMINUM

Line Size	Pump GPM	Meter Range Min. & Max. GPM	Model Number Grooved	Model Number Butt Welded	Model Number <threaded> 150# Flanged	Model Number 300# Flanged
1-1/4"	25	12.5-50	1.25"-25-G	1.25"-25-B	1.25"-25-F	1.25"-25-T
2"	50	25-100	2"-50-G	2"-50-B	2"-50-F	2"-50-T
2-1/2"	100	50-200	2.5"-100-G	2.5"-100-B	2.5"-100-F	2.5"-50-F3
3"	150	75-300	3"-150-G	3"-150-B	3"-150-F	3"-150-F3
3"	200	100-400	3"-200-G	3"-200-B	3"-200-F	3"-200-F3
4"	250	125-500	4"-250-G	4"-250-B	4"-250-F	4"-250-F3
4"	300	150-600	4"-300-G	4"-300-B	4"-300-F	4"-300-F3
4"	400	200-800	4"-400-G	4"-400-B	4"-400-F	4"-400-F3
4"	450	225-900	4"-450-G	4"-450-B	4"-450-F	4"-450-F3
5"	450	225-900	5"-450-G	5"-450-B	5"-450-F	5"-450-F3
5"	500	250-1000	5"-500-G	5"-500-B	5"-500-F	5"-500-F3
5"	750	375-1500	5"-750-G	5"-750-B	5"-750-F	5"-750-F3
6"	500	250-1000	6"-500-G	6"-500-B	6"-500-F	6"-500-F3
6"	750	375-1500	6"-750-G	6"-750-B	6"-750-F	6"-750-F3
6"	1000	500-2000	6"-1000-G	6"-1000-B	6"-1000-F	6"-1000-F3
6"	1250	625-2500	6"-1250-G	6"-1250-B	6"-1250-F	6"-1250-F3
8"	1000	500-2000	8"-1000-G	8"-1000-B	8"-1000-F	8"-1000-F3
8"	1250	625-2500	8"-1250-G	8"-1250-B	8"-1250-F	8"-1250-F3
8"	1500	750-3000	8"-1500-G	8"-1500-B	8"-1500-F	8"-1500-F3
8"	2000	1000-4000	8"-2000-G	8"-2000-B	8"-2000-F	8"-2000-F3
8"	2500	1250-5000	8"-2500-G	8"-2500-B	8"-2500-F	8"-2500-F3
8"	3000	1500-6000	8"-3000-G	8"-3000-B	8"-3000-F	8"-3000-F3
10"	1500	750-3000	10"-1500-G	10"-1500-B	10"-1500-F	10"-1500-F3
10"	2000	1000-4000	10"-2000-G	10"-2000-B	10"-2000-F	10"-2000-F3
10"	2500	1250-5000	10"-2500-G	10"-2500-B	10"-2500-F	10"-2500-F3
10"	3000	1500-6000	10"-3000-G	10"-3000-B	10"-3000-F	10"-3000-F3
10"	3500	1750-7000	10"-3500-G	10"-3500-B	10"-3500-F	10"-3500-F3
10"	4000	2000-8000	10"-4000-G	10"-4000-B	10"-4000-F	10"-4000-F3
10"	4500	2250-9000	10"-4500-G	10"-4500-B	10"-4500-F	10"-4500-F3
12"	2500	1250-5000	12"-2500-G	12"-2500-B	12"-2500-F	12"-2500-F3
12"	3000	1500-6000	12"-3000-G	12"-3000-B	12"-3000-F	12"-3000-F3
12"	3500	1750-7000	12"-3500-G	12"-3500-B	12"-3500-F	12"-3500-F3
12"	4000	2000-8000	12"-4000-G	12"-4000-B	12"-4000-F	12"-4000-F3
12"	4500	2250-9000	12"-4500-G	12"-4500-B	12"-4500-F	12"-4500-F3
12"	5000	2500-10000	12"-5000-G	12"-5000-B	12"-5000-F	12"-5000-F3

