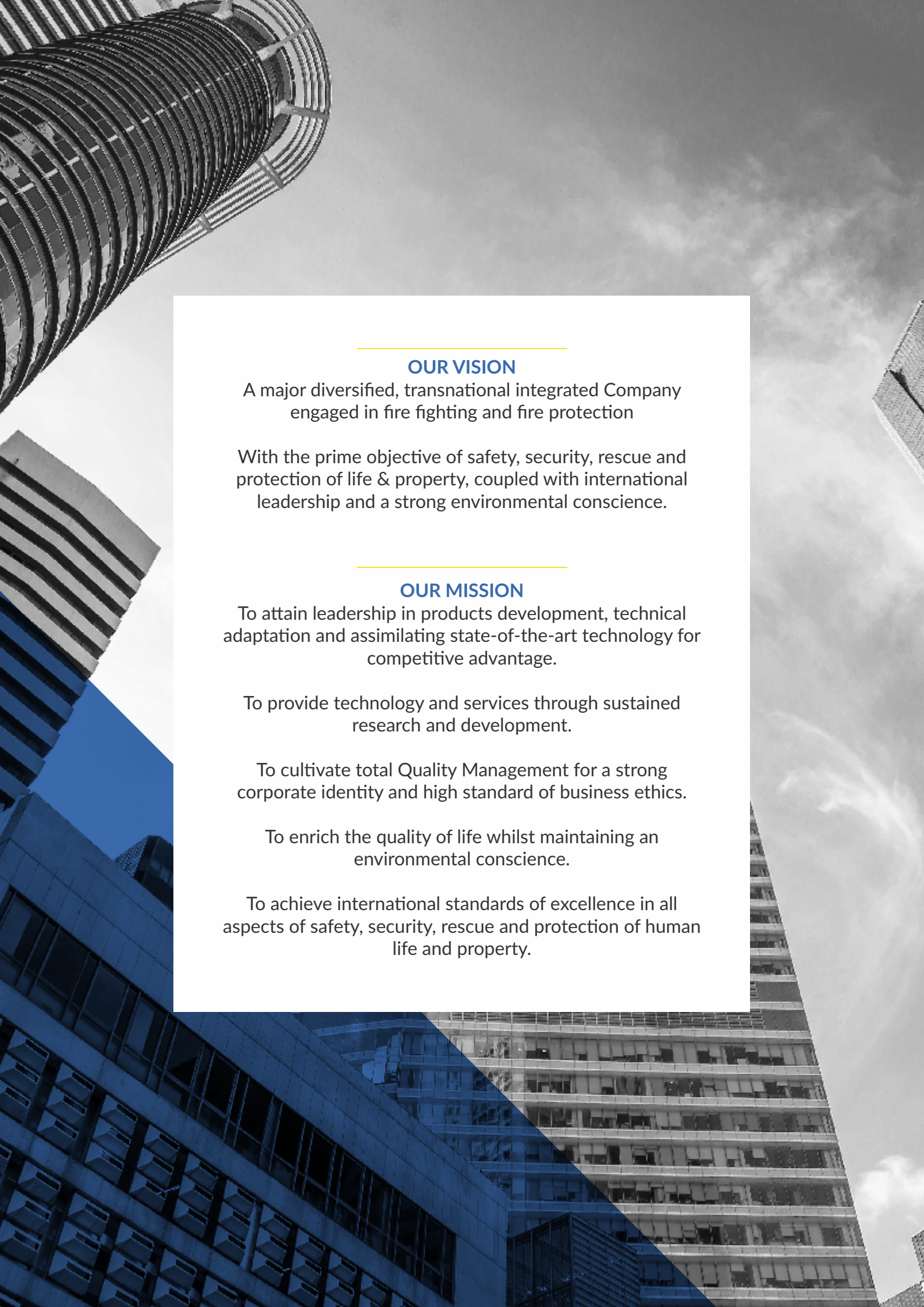


Strong Structure Needs Reliable Fire Protection

Flexible Sprinkler Hose | Automatic Sprinklers
Alarm Valve | Butterfly Valve | Gate Valve
Pressure Restricting Valve | Deluge Valve
Pressure Relief & Reducing Valve



OUR VISION

A major diversified, transnational integrated Company engaged in fire fighting and fire protection

With the prime objective of safety, security, rescue and protection of life & property, coupled with international leadership and a strong environmental conscience.

OUR MISSION

To attain leadership in products development, technical adaptation and assimilating state-of-the-art technology for competitive advantage.

To provide technology and services through sustained research and development.

To cultivate total Quality Management for a strong corporate identity and high standard of business ethics.

To enrich the quality of life whilst maintaining an environmental conscience.

To achieve international standards of excellence in all aspects of safety, security, rescue and protection of human life and property.

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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:

- Fire Hoses and Hose Reels
- Automatic Sprinklers and Flexible Sprinkler Hose
- Alarm Valve & Preaction System
- Butterfly Valves, Y-strainer & Gate Valve System.
- Pressure Restricting Valve & Check Valve.
- Water Mist system.
- Fire Suppression system.
- Fire Hydrant & Fire Hose.
- Fire Alarm System.

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



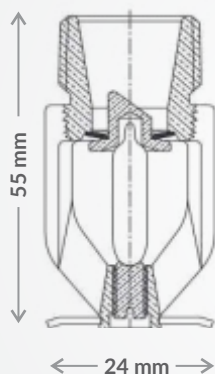
Description	Material	Description	Material
Flexible Tube/ Braiding Wire	Stainless Steel - 304	O-Ring	NBR/EPDM
Reducer, Nipple	SPHT2 (Steel)	Bracket L & Bracket S	SPCC - (Galv.)
Nut	SWRM6K	Square Bar	SGCC - (Galv.)
Isolating Ring	Polyamide 6	Bolt	SWCH 10A

Technical Specifications

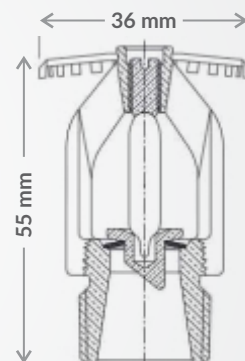
Model	W.P. PSI/ kg/cm ²	Outlet Inch (mm)	K-factor	Assembly Length, Ft (mm) permissible	Max NO. OF 90° bends Permissible		Min. Bend Radius in Inches.		Eq. Length of 1" Sc. 40 Steel Pipe (C=120), in feet	
					UL	FM	UL	FM	UL	FM
NI27-SB-07	200 (14)	1/2"(12.7)	5.6 (80)	2.3 (700)	1	1	5	11.8	26	33.0
NI27-SB-10	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	32
NI27-SB-10	200 (14)	3/4"(19)	8.0(115)	3.3 (1000)	1	2	5	11.8	42	42
NI27-SB-12	200 (14)	3/4"(19)	8.0(115)	3.9 (1200)	3	3	5	11.8	73	73
NI27-SB-15	200 (14)	3/4"(19)	8.0(115)	4.9 (1500)	3	4	5	11.8	77	77
NI27-SB-18	200 (14)	3/4"(19)	8.0(115)	5.9 (1800)	3	4	5	11.8	105	105
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

Pendant Sprinkler



Upright Sprinkler



Standard Response & Quick Response

The sprinkler is available in Pendant 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 NO.	NISRP02 / NI052	NISRU02 / NI032	NIQRP02 / NI062	NIQRU02 / 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 dia	5 mm dia	3 mm dia	3 mm dia
Thread Size	1.2" NPT/ BSPT	1.2" NPT/ BSPT	1.2" NPT/ BSPT	1.2" NPT/ BSPT

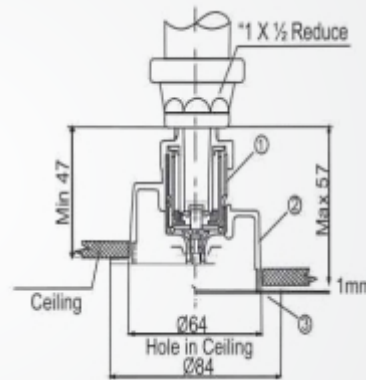
Material Specification

Component	Material	Specification
Frame	Forged Bronze	ASTM B584 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

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)

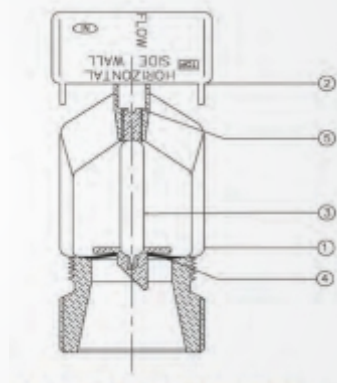
Material Specification

Component	Material	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

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 as fire prevention shutter area such as fire privation shutter area, mechanical parking building, hotel and escalator

Technical Specifications

SIN NO.	NI SRH03 / NI 012	NI QRH03 / 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

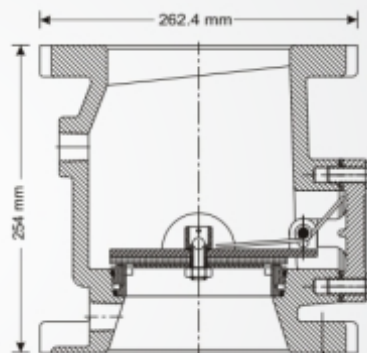
Component	Material	Specification
Frame	Forged Bronze	ASTM B584 C83600
Deflector	Brass Sheet	ASTM B36 C26800
Bulb Retainer	Bronze Rod	C863600
Spring Washer	Stainless Steel Sheet PTFE Coated	ASTM A 167 S30400
Set Screw	Brass Rod	ASTM B 16 C36000

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	4 Inches	6 Inches
Nominal Size	4" (100 mm)	6" (150 mm)
Inlet / Outlet Flange Connection	ANSI B16.5 Class 150#	ANSI B16.5 Class 150#
Flange PCD	190.5mm	241.3mm
Rated Working Pressure	175 psig (12 bar)	175 psig (12 bar)
Test Pressure	350 psig (25 bar)	350 psig (25 bar)
Working Pressure Range	21 psig ~ 200 psig (1.5 ~ 14 kgf/cm ²)	21 psig ~ 200 psig (1.5 ~ 14 kgf/cm ²)
Max Flow Rate	550gpm (2100 lit/min)	790gpm (3000 lit/min)
Non actuating flow rate	Below 4gpm (15 l/min)	Below 4gpm (15 l/min)
Maximum friction loss (equivalent length of pipe c=120)	40 ft	40 ft
Certification	UL Listed (File EX15808)	UL Listed (File EX15808)
Weight	20 Kgs	37 Kgs
Standard Components	Pressure gauges, Water Motor Gong , Drain valve, Alarm test units	Pressure gauges, Water Motor Gong , Drain valve, Alarm test units
Optional Items.	Pressure Operated Switch, Retard Chamber	Pressure Operated Switch, Retard Chamber

Material Specification

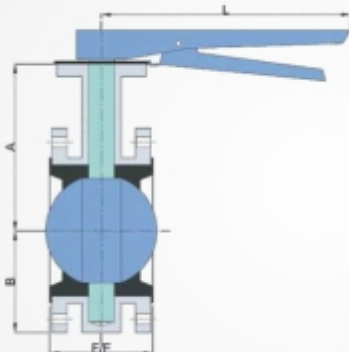
BODY	Cast Iron	ASTM B16 C36000
COVER	Cast iron	ASTM A126 class A
CLAPPER	Stainless Steel	ASTM A126 class A
SEAT SEAL	Synthetic rubber	ASTM A276 S30400
SEAT RING	Cast Bronze	E701N
TORSION SPRING, HINGE PIN, CLAMP RING	Stainless Steel	ASTM B584 C83600
CLAPPER BOLT	Brass Rod	ASTM A276 S30400
NUT	Stainless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

Wafer Type Butterfly Valve

Model No. : BFVWT02 E01



Assembly Diagram



IS : 13095

CM/L 3971478

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	1½	33	95	50	185	F05
50	2	43	116	69	265	F07
65	2½	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

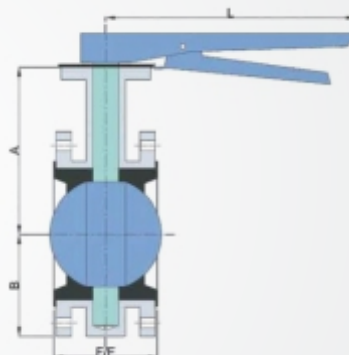
*Note: In sizes 50mm to 80mm Mounting Studs will pass outside the valve flange.
ISI mark is applicable to Sizes 50mm to 250mm.

Double Flange Butterfly Valve

Model No. : BFVFE01



Assembly Diagram



IS : 13095

CM/L 3971478

Silent Features:

- Design Standard: As per IS 13095, BS 5155, API 609
- Testing Standard: As Per API 598, ISO 5208
- Available In Gear, Pneumatic & Electric Actuation
- Actuator Ready Series For on Sight Actuation
- Low Torque
- Aesthetic Looks

Dimensions

SIZE		F/F	A	B	L
MM	INCH				
50	2	108	125	85	180
65	2½	112	135	95	215
80	3	114	155	102	215
100	4	127	160	112	265
125	5	140	180	134	265
150	6	140	210	147	325
200	8	152	250	175	-
250	10	165	285	208	-
300	12	165	310	227	-
350	14	178	340	275	-
400	16	216	376	308	-
450	18	222	390	373	-
500	20	229	425	408	-
600	24	267	500	464	-

Material Specification

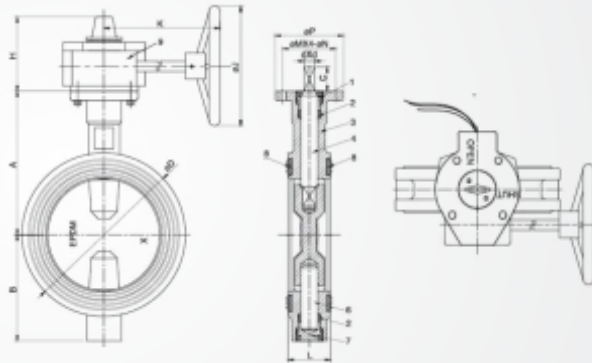
BODY	CI, WCB, CF8, CF8M
DISC	CI,SG,IRON, CF8, CF8M
BODY LINER	NITRILLE, EPDM, VITONE, SILICON, HYPALON
HANDLE	SHEET METAL

Wafer Type Butterfly Valve

Model No. : NIBO-W300



Assembly Diagram



Carried Standard

Design Standard : Ap1609

Face To Face Standard : ASME B16.1

Top Standard : ISO 6211

Test Standard : AP1598

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)

W.T.P: 250° F (120° C)

Approval: UL listed & FM Approved

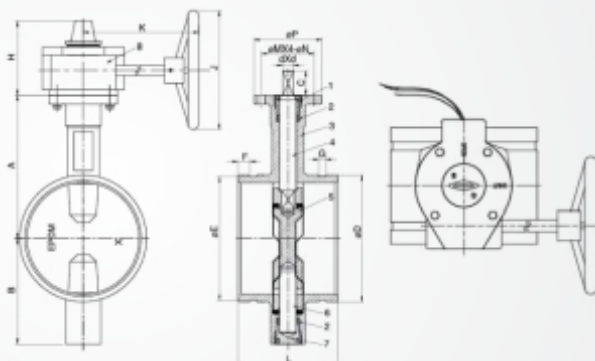
Note: from Size : 2 1/2" to 8 " UL listed & FM Approved And Size:10" & 12" UL listed only.

Grooved Type Butterfly Valve

Model No. : NIBO-G300



Assembly Diagram



Carried Standard

Design Standard : Ap1609

Face To Face Standard : ASME B16.1

Top Standard : ISO 6211

Test Standard : AP1598

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 1/2" Through 12"

W.P: 300 PSI (20 Bars)

Max T.P: 600 PSI (40 Bars)

W.T.P: 250° F (120° C)

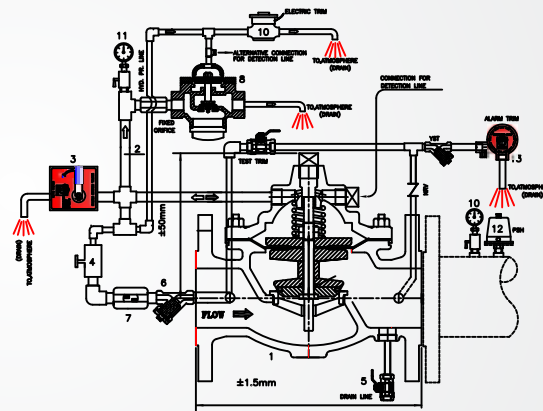
Approval: UL listed & FM Approved

Note: from Size : 2 1/2" to 8 " UL listed & FM Approved And Size:10" & 12" UL listed only.

Deluge Valve



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

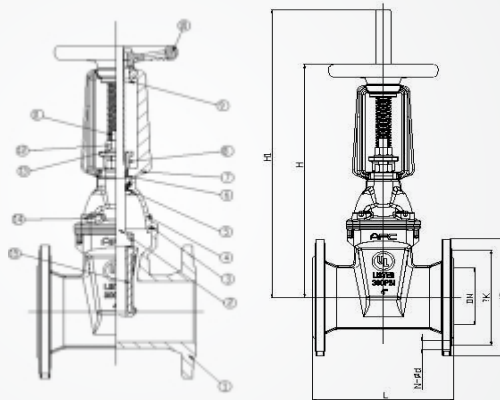
Valve Body	: Cast Steel ASTM A 216 WCB	Net Weight Without Trim	: 200 NB - 195 Kg 150 NB - 100Kg 100 NB - 54Kg 80 NB - 34Kg 65 NB - 30Kg 50 NB - 28Kg
Normal Size	: 50,65,80,100,150,200 NB	Finish/Paint	: RAL 3000 (Red Color)/Fire Red is Confirm to Is5 Shade 536 to IS 2932
Service Pressure	: 1.4 to 12 Bar (20 to 175 PSI)	Approval	: UL Listed (80,100,150 NB)
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		

OS & Y Gate valve

OS & Y Gate valve



Assembly Diagram



Working Pressure: 300psi (PN20) & 250psi (PN16)
Flanged End: ANSI B16.1 Class 125/150

Technical Specifications

Size		Model No	L	ØD		ØK		n-Ød		H	H1
In	mm	NI-OSY-FF	mm	PN 16	ANSI	PN 16	ANSI	PN 16	ANSI	Close	Open
2	50	NI-OSY-0050	178	165	152	125	121		4-Ø19	312	382
2-1/2	65	NI-OSY-0065	190	185	178	145	140	4-Ø19	4-Ø19	338	408
3	80	NI-OSY-0080	203	200	191	160	152	8-Ø19	4-Ø19	393	480
4	100	NI-OSY-0100	229	220	229	180	191	8-Ø19	8-Ø19	441	544
5	125	NI-OSY-0125	254	250		210		8-Ø19	8-Ø23	559	692
6	150	NI-OSY-0150	267	285	279	240	241	8-Ø23	8-Ø23	598	759
8	200	NI-OSY-0200	292	340	343	295	298	12-Ø23	8-Ø23	743	953
10	250	NI-OSY-0250	330	400	406	355	362	12-Ø28	12-Ø26	880	1140
12	300	NI-OSY-0300	356	455	483	410	432	12-Ø28	12-Ø26	1109	1319

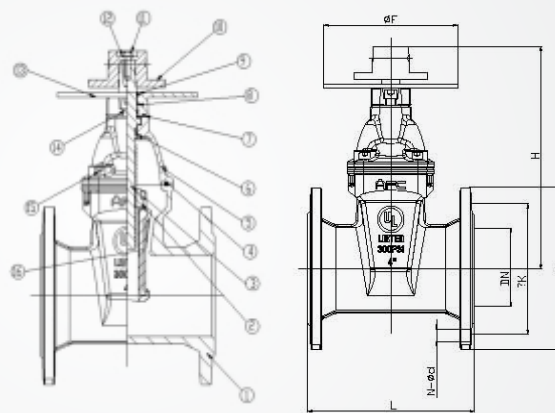
Material Specification

Parts NO.	Part Name	Material	Standard
1,4,7 & 8	Body, Bonnet, Yoke, Gland	Ductile Iron	EN GJS 500-7
2	Steam	S.S	AIS1 420
3,5 & 6	Bonnet, O-Rings	Rubber	EPDM
9	Thrust Nut	Brass/ Bronze	CZ122/CA103
10,11,12,13 &14	Hand wheel, Thread Bar, Nut, Washer, Bolt	Carbon Steel	Commercial
15	Wedge	Ductile Iron + Rubber	EN GJS500-7+EPDM

NRS Gate valve



Assembly Diagram



Working Pressure: 300psi (PN20) & 250psi (PN16)
Flanged End: ANSI B16.1 Class 125/150

Technical Specifications

Size		Model No	L	ØD		ØK		n-Ød		H	H1
In	mm	NI-OSY-FF	mm	PN 16	ANSI	PN 16	ANSI	PN 16	ANSI	Close	Open
2-1/2	65	NI-NRS-0065	190	145	178	145	140	4-Ø19	4-Ø19	253	305
3	80	NI-NRS-0080	203	150	191	160	152	8-Ø19	4-Ø19	288	305
4	100	NI-NRS-0100	229	180	229	180	191	8-Ø19	8-Ø19	321	305
5	125	NI-NRS-0125	254	210		210		8-Ø19	8-Ø23	372	305
6	150	NI-NRS-0150	267	240	279	240	241	8-Ø23	8-Ø23	409	305
8	200	NI-NRS-0200	292	295	343	295	298	12-Ø23	8-Ø23	505	305
10	250	NI-NRS-0250	330	355	406	355	362	12-Ø26	12-Ø26	580	305
12	300	NI-NRS-0300	356	410	483	410	432	12-Ø28	12-Ø26	658	305

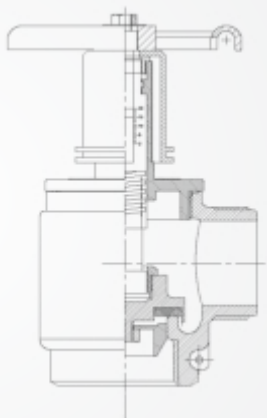
Material Specification

Parts NO.	Part Name	Material	Standard
1,5,10 & 13	Body, Bonnet, Cap, Top Flange	Ductile Iron	EN GJS 500-7
2,	Wedge Nut	Brass/ Bronze	CZ122/CA103
3	Steam	S.S	AISI 420
4,6 ,7,8 & 9	Bonnet Gasket, O-rings & Duct Wiper	Rubber	EPDM
11,12,14 & 15	Bolt, Washer, In Hex Bolts	Carbon Steel	Commercial
16	Wedge	Ductile Iron + Rubber	EN GJS500-7+EPDM

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

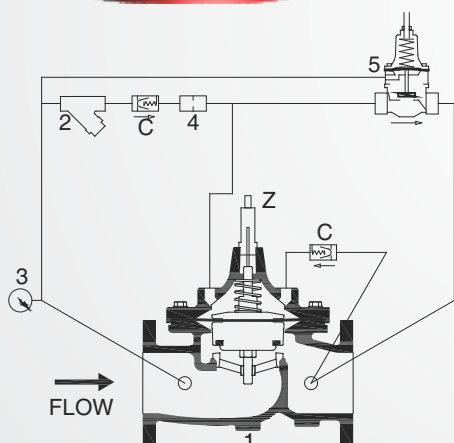
Model	38A	63A
Nominal Size	1 1/2" (38 mm)	2 1/2" (64 mm)
Inlet Connection	NPT -Female	NPT -Female
Outlet Connection	NST- Male	NST- Male
Rated Working Pressure	175 psig (12 bar)	175 psig (12 bar)
Flow rate	375 LPM	945 LPM
Direction of Opening	Counter Clockwise	Counter Clockwise
Certification	FM Approved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

Material Specification

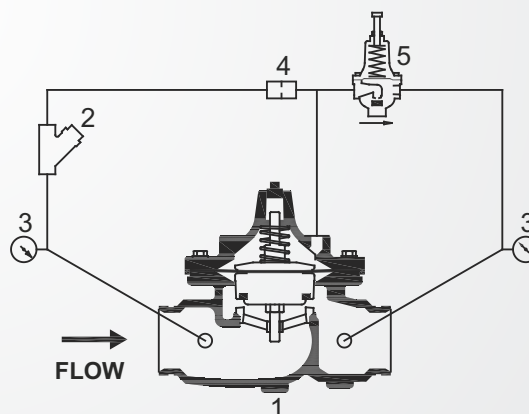
Component	Material	Specification
Body	Copper Alloy	BS: 1400 DC83
Bonnet, Pressure Indicator, Seat Valve	Copper Alloy	BS: 1400 DC83
Seat Washer	Rubber	BS: 2752
Spindle, Adjusting Nut	Brass	BS: 2874 CZ-121
Wheel Nut	Stainless Steel	BS:970/4
Hand Wheel	Ductile Iron	BS:2789 420/12

Pressure Relief & Reducing Valve

Pressure Relief Valve



Pressure Reducing Valve



Holds downstream pressure to a constant value
Applicable to fire protection systems - 300 lb. flanges standard

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	1 1/4"-10" 300 psi max.	1 1/4"-10" 300 psi max.
8. Threaded end, ANSI B1.20.1	1 1/4"-thru 3"	1 1/4"-thru 3"
9. Flanged ends, ANSI B16.42	ANSI Class 150, 250 psi max	ANSI Class 150, 250 psi max
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)

