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Fire Hoses

Pyroprotect / Pyroflex

- UL Listed - USA and Canada
- Bearing IS 636:88 Type B mark
- Wheelmark approved
- Conforming to BS 6391 Type 3, EN 14540(2004)
- Smooth Inner unified lining of specially formulated polymer, with very low friction loss
- Warp made of high tenacity fibres
- Weft made of multi-ply high tenacity fibres
- Synthetic rubber compound specially formulated for abrasion and chemical resistance, flexibility and protection against ageing
- Ribbed for hose protection and easy handling
- Standard colour: Reddish brown Options: Black, blue, yellow



Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PY-25	1"	245/17	710/50
FH-PY-38	1 ½"	245/17	710/50
FH-PY-45	1 ¾"	245/17	710/50
FH-PY-50	2"	245/17	710/50
FH-PY-63	2 ½"	245/17	710/50
FH-PY-70	2 ¾"	245/17	710/50
FH-PY-76	3"	217/15	575/40
FH-PY-100	4"	217/15	500/35
FH-PY-150	6"	100/7	500/35

Premier Extra / Fyrfyter Super

- Bearing IS 636:88 Type A mark
- Wheelmark approved
- Conforming to BS 6391 Type 2, DIN 14811, UL 219, UL 19, EN 14540(2004)
- Jacket made up of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining withstands heat and polluted water
- External coat of synthetic elastomer protects against moisture, fungus, oils, heat & abrasion
- Standard colour: Red
- Options: Green, blue, yellow, orange, black



Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PE-38	1 ½"	205/14	710/50
FH-PE-45	1 ¾"	205/14	710/50
FH-PE-50	2"	205/14	710/50
FH-PE-63	2 ½"	175/12	640/45
FH-PE-70	2 ¾"	175/12	640/45
FH-PE-76	3"	145/10	500/35
FH-PE-100	4"	145/10	500/35
FH-PE-125	5"	100/7	425/30
FH-PE-150	6"	100/7	425/30

Premier / Fyrfyter

- Bearing IS 636:88 Type A mark
- Wheelmark approved
- Conforming to BS 6391 Type 1, DIN 14811, UL 219, UL 19, EN 14540(2004)
- Jacket made of 100% polyester for extra strength
- Special quality black EPDM internal rubber lining withstands heat and polluted water
- Heat and abrasion resistant



Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-PR-38	1 ½"	205/14	710/50
FH-PR-45	1 ¾"	205/14	710/50
FH-PR-50	2"	205/14	710/50
FH-PR-63	2 ½"	175/12	640/45
FH-PR-70	2 ¾"	175/12	640/45
FH-PR-76	3"	145/10	500/35
FH-PR-100	4"	145/10	500/35
FH-PR-125	5"	100/7	425/30
FH-PR-150	6"	100/7	425/30



Water Shield

- Bearing IS 8423:94 mark
- Incorporates controlled percolating system, combining advantages of low friction, high strength, lightweight and flexibility of a rubber lined hose and the heat resistant quality of flax hose
- Jacket made from synthetic yarn for extra strength
- Ideal for forestry and industrial fires

Product Code No.	Sizes	Working Pressure PSI/Kg/cm ²	Burst Pressure PSI/Kg/cm ²
FH-WS-38	1 ½"	175/12	570/40
FH-WS-45	1 ¾"	175/12	570/40
FH-WS-50	2"	175/12	570/40
FH-WS-63	2 ½"	175/12	570/40
FH-WS-70	2 ¾"	175/12	570/40
FH-WS-76	3"	175/12	570/40
FH-WS-100	4"	100/7	400/28
FH-WS-125	5"	100/7	400/28
FH-WS-150	6"	100/7	400/28



Couplings & Adaptors

Instantaneous Couplings

- Bearing IS 903 mark
- Conforming to BS 336
- Working pressure: 150 PSI / 10.5 Kg/cm²
- Test pressure: 325 PSI / 22.5 Kg/cm²

Product Code No.	Description	Types	Material Of Construction
CP-IC-01	2 ½" X 2 ½"	Ribbed	Gunmetal Aluminium alloy S.S 304 S.S 316 Brass
CP-IC-02	2 ½" X 2 ¾"		
CP-IC-03	2 ½" X 2"		
CP-IC-04	2 ½" X 1 ½"	Multi-serrated	S.S 304 S.S 316 Brass
CP-IC-05	2" X 2"		
CP-IC-06	1 ½" X 1 ½"		



Threaded Couplings

- Working pressure: 150 PSI / 10.5 Kg/cm
- Test pressure: 325 PSI / 22.5 Kg/cm²
- Type: Rocker lug or pin type

Product Code No.	Description	Material Of Construction
CP-TC-01	With 2 ½" NST Threads	Aluminium alloy Gunmetal
CP-TC-02	With 2 ½" NH Threads	
CP-TC-03	With 1 ½" NST Threads	
CP-TC-04	With 1 ½" NH Threads	



Suction Couplings

- Connection threads: Round threads as per BS 336/ IS902
- Test pressure: 325 PSI / 22.5 Kg/cm²
- Working pressure: 150 PSI / 10.5 Kg/cm
- Conforming to BS 336, IS 902

Product Code No.	Description	Material Of Construction
CP-SC-01	3"	Aluminium alloy Gunmetal
CP-SC-02	4"	
CP-SC-03	5 ½"	



Storz Couplings

- Working pressure : 150 PSI
- Test pressure : 325 PSI

Product Code No.	Description	Material Of Construction
CP-SC-01	3"	Aluminium alloy Gunmetal
CP-SC-02	4"	
CP-SC-03	5 ½"	



Blank Caps / Plugs

- Size: 2 1/2" (63 mm) as per BS 336 / IS 903
- Working pressure: 150 PSI /10.5 Kg/cm²
- Test pressure: 325 PSI / 22.5 Kg/cm²

Product Code No.	Description
CP-BC-01	Male Inst. in Gunmetal (2 ½")
CP-BC-02	Male Inst. in Brass (2 ½")
CP-BC-03	Male Inst. in Aluminum (2 ½")
CP-BC-04	Male Inst. in ABS (2 ½")
CP-BC-05	Female Inst. In Gunmetal (2 ½")
CP-BC-06	Female Inst. in Brass (2 ½")
CP-BC-07	Female Inst. In Aluminum (2 ½")
CP-BC-08	Female round thread In Gunmetal 4" BSRT
CP-BC-09	Female round thread In Gunmetal 5 ½" BSRT
CP-BC-10	Female round thread In Gunmetal 3" BSRT



Flanged & Shore Connection

- Inlet flange: Conforming to ANSI, B16.5 / IS 1538(Part IV)
- Outlets: 2 ½" (63 mm) as per BS 336 / IS 903
- Working pressure: 150 PSI /10.5 Kg/cm²
- Test pressure: 325 PSI /22.5 Kg/cm²

Product Code No.	Description	Material Of Construction
CP-SHC-01	2 ½" Male inst. & 2 ½" flange	Gunmetal / S.S.
CP-SHC-02	2 ½" Female inst. & 2 ½" flange	
CP-SHC-03	2 ½" Male inst. & 3" flange	
CP-SHC-04	2 ½" Female inst. & 3" flange	



Threaded Adaptors

- Body: Gunmetal / Aluminium alloy / S.S / Brass
- Size: 2 ½" (63 mm) / 1 ½"(38 mm)
- Working pressure: 150 PSI /10.5 Kg/cm²
- Test pressure: 325 PSI / 22.5 Kg/cm²



- I. Male Adaptors
- II. Female Adaptors

Gate Valves

Product Code No.	Description
LV-GV-01	Made in Gunmetal flanged inlet as per ANSI
LV-GV-02	Made in Gunmetal flanged inlet as per PN16
LV-GV-03	Made in Gunmetal BSP female threaded inlet
LV-GV-04	Made in Gunmetal NH female threaded inlet



Dry Riser Equipment

2 Way Inlet Breeching

- Body: Gunmetal or Aluminium alloy or Cast iron
- Inlet: Two male instantaneous with NRV
- Outlet: 4" NB flanged
- Working Pressure: 150 PSI / 10.5 Kg/cm²
- Test Pressure: 325 PSI / 22.5 Kg/cm²

Product Code No.	Description
DRE-2W-01	Two way inlet breeching made in Gunmetal
DRE-2W-02	Two way inlet breeching made in Aluminum alloy
DRE-2W-03	Two way inlet breeching made in Cast iron or SG iron



3 Way Inlet Breeching

- Body: Gunmetal or Aluminium alloy or Cast iron
- Inlet: Three male instantaneous with NRV
- Outlet: 6" NB flanged
- Working Pressure: 150 PSI / 10.5 Kg/cm²
- Test Pressure: 325 PSI / 22.5 Kg/cm²

Product Code No.	Description
DRE-3W-01	Three way inlet breeching made in Gunmetal
DRE-3W-02	Three way inlet breeching made in Aluminum alloy
DRE-3W-03	Three way inlet breeching made in Cast iron or SG iron



4 Way Inlet Breeching

- Body: Gunmetal or Aluminium alloy or Cast iron
- Inlet: Four male instantaneous with NRV
- Outlet: 6" NB flanged
- Working Pressure: 150 PSI / 10.5 Kg/cm²
- Test Pressure: 325 PSI / 22.5 Kg/cm²

Product Code No.	Description
DRE-3W-01	Four way inlet breeching made in Gunmetal
DRE-3W-02	Four way inlet breeching made in Aluminum alloy
DRE-3W-03	Four way inlet breeching made in Cast iron or SG iron



Air Release Valve

- Body: Copper alloy
- Inlet Connection: Threaded male

Product Code No.	Description
DRE-ARV-01	Inlet connection with ¾" BSP
DRE-ARV-02	Inlet connection with 1" BSP



Dividing and Collecting Breeching

- Conforming to IS 905
- Inlet and outlet connection: Instantaneous
- Max. Working pressure: 150 PSI / 10.5 Kg/cm²
- Hydro testing pressure: 350 PSI / 22.5 Kg/cm²
- Size: 1 ½" & 2 ½"

Product Code No.	Description	Material Of Construction
DRE-YDB-01	Dividing breeching	Aluminium alloy
DRE-YCB-02	Collecting breeching	Gunmeta



Hose Reel



Hose Reel Nozzles

1. PVC / ABS Nozzles

- Jet Spray Type
- Serrated end for hose fitting
- 6 GPM @100 PSI / 24 LPM @ 7 Kg/cm²

Product Code No.	Description
HR-N-01	With ¾" serrated end
HR-N-02	With 1" serrated end

2. Bronze Nozzles

- Construction in Gunmetal
- Jet spray & shut off type
- Chrome plated finish

Product Code No.	Description
HR-N-03	6 GPM / 22 LPM @100 PSI With ¾" serrated end
HR-N-04	25 GPM / 95 LPM @100 PSI With ¾" serrated end
HR-N-05	16 GPM / 60 LPM @100 PSI With 1" serrated end
HR-N-06	25 GPM / 95 LPM @100 PSI With 1" serrated end



Wall Mounting Type

- Fixed / Swinging type
- Side plate powder coated finish red
- Threaded Inlet connection
- Outlet connection for hose can be rotated left and right direction
- Waterways made of seamless tube
- Operating pressure: 150 PSI Max / 10.5 Kg/cm²
- Flow rate: 6 GPM at 100 PSI / 24 LPM @ 7 Kg/cm²



Product Code No.	Description	Hose Size	Hose Length	Hose reel Nozzle
HR-WM-01	Fixed type	¾"	30 Meter	Refer codes from above
HR-WM-02	Swinging type	1"	36 Meter	
HR-WM-03	Automatic type			

Hose Reel Hose

High pressure braided rubber hose as per IS 444 Type II / PVC / Thermoplastic as per IS 12585.

Product Code No.	Description
HR-HO-01	With ¾" X 30 mtr hose in black color
HR-HO-02	With ¾" X 30 mtr hose in red color
HR-HO-03	With 1" X 30 mtr hose in black color
HR-HO-04	With 1" X 30 mtr hose in red color



Hose Rack Assembly

- Available in two sizes
- Available in two types of mounting
- Complete with hose rack assembly, 30 mtr hose, landing valve and nozzle
- Fixed or swinging



Product Code No.	Description
CA-HRA-VM-01	Hose rack assembly for 1 ½" hose, right angle valve mounted
CA-HRA-VM-01	Hose rack assembly for 2 ½" hose, right angle valve mounted
CA-HRA-WM-01	Hose rack assembly for 1 ½" hose, with wall mounting bracket and without Landing Valve
CA-HRA-WM-01	Hose rack assembly for 2 ½" hose, with wall mounting bracket and without Landing Valve

Hose Reel with Foam Tank

- Complete with foam tank, foam inductor, hose reel with nozzle
- Pedestal bearing ensures smooth rotating action
- 225 Litre foam tank
- Inline inductor 0 to 6% & Jet-Spray nozzle
- 1 ½" X 30 metre high pressure rubber braided hose
- Waterways made from Stainless steel or Gunmetal
- Detachable rewinding handle
- Operating pressure: 145 PSI Max / 10 Bar
- Flow rate: 95 GPM @ 100 PSI / 350 LPM @ 7 Kg/cm²

Product Code No.	Description
HR-FT-01	Stainless steel construction



Nozzles

Short Branch Pipe

- Bearing IS 903 mark
- Inlet Connection: 2 ½" Male instantaneous
- Outlet: Solid jet nozzle
- Operating Pressure: 150 PSI Max. / 10.5 Kg/cm²
- Finish: Natural polished

Product Code No.	Description	Material Of Construction
N-SB-01	With ½" outlet	Gunmetal Aluminium alloy S.S 304 S.S 316
N-SB-02	With 5/8" outlet	
N-SB-03	With ¾" outlet	
N-SB-04	With 7/8" outlet	
N-SB-05	With 1" outlet	



Triple Purpose / Universal Branch Pipe

- IS 2871
- Type: Jet - Spray- Shut Off
- Inlet Connection: 2 ½" male instantaneous
- Material: Gunmetal / Aluminium alloy / Stainless steel
- Operating Pressure: 150 PSI Max. / 10.5 Kg/cm²

Product Code No.	Description	Material Of Construction
N-TPN-01	As above	Gunmetal Aluminum alloy S.S



Navy Type Branch Pipe

- Type: Jet - spray- shut off
- Inlet Connection: 2 ½" Male instantaneous
- Material: Gunmetal
- Operating Pressure: 150 PSI Max. / 10.5 Kg/cm²
- Finish: Natural polished

Product Code No.	Description
N-NTB-01	As above



Jet - Spray and Shut off Nozzle

- Type: Jet-spray-shut off
- Inlet connection: 1 3/4" BSP (F) threaded
- Designed to fit on standard short branch pipe
- Operating pressure: 150 PSI Max. / 10.5 Kg/cm²
- Finish: Anodized / Natural

Product Code No.	Description	Flow 100PSI/7kg/m ²		Material Of Construction
		GPM	LPM	
N-TPN-02	as above	20	300	Aluminum alloy



Three Position Branch Pipe

- Ideal for marine application
- Designed for heavy professional use
- Thick water curtain due to middle teeth
- Maintenance free
- Inlet connection: 2" BSP (M) thread
- Anti-slip rubber grip

Product Code No.	Description	Flow 100PSI/7kg/m ²		Material Of Construction
		LPM	GPM	
N-TPN-02	as above	20	300	Aluminum alloy



Fog Nozzle

- IS 952
- Type: Jet-fog nozzle
- Inlet connection: 2 1/2" Male instantaneous
- Material: Gunmetal
- Operating pressure: 150 PSI Max. / 10.5 Kg/cm²
- Finish: Natural polished

Product Code No.	Description
N-FN-01	as above



Revolving Type Branch Pipe

- IS 906
- Inlet connection: 2 1/2" Male instantaneous
- Material: Gunmetal
- Operating pressure: 150 PSI Max. / 10.5 Kg/cm²
- Flow: 65 GPM @ 100 PSI / 245 LPM @ 7 kg/cm²
- Finish: Natural polished

Product Code No.	Description
N-RT-01	With 2 1/2" Male instantaneous inlet
N-RT-02	With flanged inlet 2 1/2"NB as per ANSI
N-RT-03	With flanged inlet 3"NB as per ANSI



Hand Controlled Branch Pipe

- Type: Jet - spray- shut off nozzle
- Inlet connection: 2 ½" Male instantaneous as per BS 336
- Material: Aluminium alloy or PVC
- Operating pressure: 150 PSI Max. / 10.5 Kg/cm²
- Finish: Natural

Product Code No.	Description
N-HCB-01	40 GPM / 150 LPM @ 100 PSI / 7 kg/cm ² in Aluminum and nozzle tip and body in PVC
N-HCB-02	40 GPM / 150 LPM @ 100 PSI / 7 kg/cm ² fully in Aluminum
N-HCB-03	120 GPM / 450 LPM @ 100 PSI / 7 kg/cm ² with additional feature of water curtain



Curtain Nozzle

- Type: Curtain nozzle
- Inlet Connection: 2 ½" Male instantaneous / threaded inlet / Flanged
- Operating Pressure: 145 PSI Max.
- Finish: Post office red colour

Product Code No.	Description	Material of Construction
N-CN-01	200 GPM/750 LPM@100 PSI with 2 ½" Male instantaneous inlet	Aluminium alloy & S.S
N-CN-02	200 GPM/750 LPM@100 PSI with 2 ½" BSP female swivel inlet	
N-CN-03	200 GPM/750 LPM@100 PSI with 2 ½" NH female swivel inlet	
N-CN-04	320 GPM/750 LPM@100 PSI with 2 ½" Male instantaneous inlet	
N-CN-05	320 GPM/750 LPM@100 PSI with 2 ½" BSP female swivel inlet	
N-CN-06	320 GPM/750 LPM@ 100 PSI with 2 ½ " NH female swivel inlet	



Constant Gallonage Nozzle

I. Nuelite

- Special design gives low back pressure
- Light alloy hard anodized construction
- Straight stream to wide fog
- Pressure assisted flush without shut-off
- Acetal ball shut-off handle works smoothly at extreme ranges
- Wide fog for operator protection
- Anti-slip pistol grip finger lock
- NFPA 1964 compliant

Product Code No.	Bore (Dia)	Weight (lbs)	Flow@100PSI (7kg/cm ²)		Inlets Available
			GPM	LPM	
N-CG-NU-01	1½"	2.3 Kg	100	400	2 ½" Male Instantaneous NH (F) Threads 1 ½" & 2 ½" NST(F) Threads 1 ½" & 2 ½"
N-CG-NU-02	1½"	2.3 Kg	150	600	BSP (F) Threads 1 ½" & 2 ½"



II. Fast Action Nozzle – Junior

- Special design gives low back pressure
- Constant gallonage nozzle
- Durable light hard anodized construction
- Straight stream to wide fog and flush without shut-off
- Sliding valves allow turbulence free flow
- Moulded rubber bumper with flexible fog teeth creates thick fog pattern
- Metallic pistol grip handle designed for greater comfort and control of fire
- Inlet instantaneous male coupling, NH threads
- NFPA 1964 compliant



Product Code No.	Bore (Dia)	Length(With threaded Inlet)	Weight (lbs.)	Flow@100PSI (7kg/cm ²)		Inlet Available
				GPM	LPM	
N-CG-FAS-01	1"	8 ½"	3.6	95	360	2 ½" Male instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads
N-CG-FAS-02	1"	8 ½"	3.6	125	473	
N-CG-FAS-03	1 1/2"	11"	5.8	150	568	
N-CG-FAS-04	1 1/2"	11"	5.8	200	757	
N-CG-FAS-05	1 1/2"	11"	5.8	250	946	

Dual Pressure Nozzle: Fast Action Nozzle

- Special design gives low back pressure
- Specially designed dual pressure nozzle
- At emergency mode (at low pressure), nozzle maintains same performance
- Durable light hard anodized construction
- Straight stream to wide fog and flush without shut off
- Sliding valves allows turbulence free flow
- Moulded rubber bumper with flexible fog teeth creates thick fog pattern
- Metallic pistol grip handle designed for greater comfort and control of fire
- NFPA 1964 compliant



Product Code No.	Bore (Dia)	Length(With threaded Inlet)	Weight (lbs)/	Flow@100PSI (7kg/cm ²)				Inlet Available
				Standard		Emergenc		
N-DP-01	1 ½"	8 ½"	5.9 / 2.7	185	700	224	850	2 ½" Male Instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads

Selectable Gallonage Nozzle

I. Super fire

- Special design gives low back pressure
- Constant selectable gallonage nozzle with multiple flow setting
- Abrasion and corrosion resistant
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- Female inlet with instantaneous male coupling, NH threads
- NFPA 1964 compliant



Product Code No.	Bore (Dia)	Length(With threaded Inlet)	Weight (lbs) / Kg	Flow@100PSI (7kg/cm ²) GPM (LPM)	Inlet Available
N-SG-01	1 1/2"	10"	5.7 / 2.06	30(115)-60(225)-95(360)-125 (473)	2 1/2" Male Instantaneous NH (F) Threads
N-SG-02	1 1/2"	10"	6.2/ 2.8	95(360)-125(475)-150(565)-200(750)-250(950)	NST(F) Threads BSP (F) Threads

II. Super fire Junior

- Special design gives low back pressure
- Constant selectable gallonage nozzle with multiple flow setting
- Abrasion and corrosion resistant
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- Female inlet with instantaneous male coupling, NH threads
- NFPA 1964 compliant



Product Code No.	Bore (Dia)	Length(With threaded Inlet)	Weight (lbs) / Kg	Flow@100PSI (7kg/cm ²) GPM (LPM)	Inlet Available
N-SGJ-01	1 1/2"	10"	5.7 / 2.06	30(115)-60(225)-95(360)-125 (473)	2 1/2" Male Instantaneous NH (F) Threads NST(F) Threads BSP (F) Threads

Foam Tubes

- Designed to quickly attach to bumper of nozzles
- Can be used with all types of foams
- Enhances the expansion of foam solution and delivers longer reach and heavier foam blanket



Product Code No.	Length	Fits Nozzle
FE-FT-01	14"	N-CG-FAS-01, N-CG-FAS-02
FE-FT-02	16"	N-MP-AQ-16, N-MP-AQ-19, N-MP-AQ-25, N-SG-SP-01, N-SG-SP-02.

Multipurpose Combination Flow Nozzle: Aqua Jet

- Solid jet and fog facilities simultaneously or independently
- Special design gives low back pressure
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- NFPA 1964 compliant
- Compressed air foam (CAFS) capability



Product Code No.	Bore (Dia)	Length	Weight (lbs)/kg	Flow Rate Solid-Jet		Flow Rate Fog		Flow Jet + Fog		Inlet Available
				GPM	LPM	GPM	LPM	GPM	LPM	
N-MP-16	1 1/2"	9"	5.1/2.3	91	350	79	300	170	650	2 1/2" Male instantaneous
N-MP-19	1 1/2"	9"	5.1/2.3	131	500	79	300	210	800	NH (F) Threads
N-MP-25	1 1/2"	9"	5.1/2.3	226	860	79	300	305	1160	NST(F) Threads BSP (F) Threads

High Pressure Nozzle: Challenger

- Designed for high pressure application up to 580 PSI / 40 kg/cm
- Constant selectable gallonage nozzle with multiple flow setting
- Flow remains the same in all pattern
- Durable light hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Unbreakable Stainless steel spinning teeth
- Anti-slip rubber moulded pistol grip
- Meets the need of forestry and municipal application where water conservation is desired
- NFPA 1964 compliant



Product Code No.	Bore (Dia)	Length(With threaded Inlet)	Weight (lbs)	Flow@100PSI (7kg/cm ²) GPM/LPM	Inlet
N-HP-01	1"	7"	2.5 /	13-25-40-60 /	1" NH (F) Thread

Nozzles for Marine Application

- Special design for Navy and Coast Guard
- Corrosion resistant
- Straight stream to wide fog
- Ball valve for flow control
- Anti-slip pistol grip finger lock
- NFPA 1964 compliant

Product Code No.	Weight t (lbs) /Kg	Flow@100PSI (7kg/cm ²)		Inlet Available
		GPM	LPM	
N-CG-MA-01	3.5 / 1.6	95	360	2 1/2" Male Instantaneous
N-CG-MA-02	3.5 / 1.6	135	511	NH (F) Threads NST(F) Threads
N-CG-MA-03	6.0 / 2.7	250	946	BSP (F) Threads



Standard



Pistol Grip

Cabinets

Hose Box

Model A:

- Suitable for storing one nos 7.5 metre or 15 metre hose and one nozzle
- H x W x D: 24" X 24" X 10"
- Lightweight & weatherproof
- Wall mounted / self-standing
- Finished with post office red colour



Product Code No.	Description
CA-HB-A-01	Made in FRP with wall mounted type
CA-HB-A-02	Made in FRP with self-standing type
CA-HB-A-03	Made in 18 SWG CRCA sheet with wall mounted type
CA-HB-A-04	Made in 18 SWG CRCA sheet with self-standing type

Model B:

- Suitable for storing two nos 7.5 mtr or 15 metre hoses and one nozzle
- H x W x D: 24" X 30" X 10"
- Lightweight & weatherproof
- Wall mounted / self-standing
- Finished with post office red colour



Product Code No.	Description
CA-HB-B-01	Made in FRP with wall mounted type
CA-HB-B-02	Made in FRP with self-standing type
CA-HB-B-03	Made in 18 SWG CRCA Sheet with wall mounted type
CA-HB-B-04	Made in 18 SWG CRCA sheet with self-standing mounted type

Model C:

- Suitable for storing two nos 7.5 metre or 15 metre hoses and one nozzle
- H x W x D: 24" X 30" X 10"
- Lightweight & weatherproof
- UV resistant
- Wall mounted / self-standing
- Resistant to most chemicals
- Ideal for salty atmosphere



Product Code No.	Description
CA-HB-C-01	Made in polyethylene with self-standing type

Extinguisher Box

- Lightweight & weatherproof
- Wall mounted / Self standing
- Finished with post office red colour or natural



Product Code No.	Description	Storage	Material of Construction
CA-EB-B-01	300mm X 800mm X 300 mm	Single extinguisher	Mild steel S.S FRP Polyethylene
CA-EB-B-02	600mm X 800mm X 300 mm	Two extinguishers	
CA-EB-B-03	300mm X 800mm X 300 mm	Single extinguisher	
CA-EB-B-04	600mm X 800mm X 300 mm	Two extinguishers	
CA-EB-B-05	350mm X 350mm X 800 mm	Single extinguisher	
CA-EB-B-06	280mm X 280mm X 645 mm	Two extinguishers	

Water Based Sprinkler System Equipment

Water Spray Nozzles

I. Medium Velocity Nozzle

Product Code No.	Description	Threaded Inlet Connection	'K' Factor	Spray Angle In Degree	Material of Construction	Finish
SSE-SN-M-01	½" Size	BSP BSPT NPT	24, 28, 31, 36, 41, 45, 51, 57, 61, 66, 71, 76, 81, 86, 91	60,75,80, 90,100,110, 120,140,180	Forged Bass	Natural Chrome plated
SSE-SN-M-02	¾" Size					



II. High Velocity Nozzle

Product Code No.	Description	Threaded Inlet Connection	'K' Factor	Spray Angle In Degree	Material of Construction	Finish
SSE-SN-M-01	½" Size	BSP BSPT NPT	18 25 32	75 80 85	Brass	Natural Chrome plated
SSE-SN-M-02	¾" Size		47	90	S.S 304	Chrome plated



Automatic Sprinklers

- UL listed
- Made out of bronze
- Maximum working pressure 175ps/11.6kg/m²

I. Pendant Type

Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Pendant	NISRP02/ NIO52	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish
Quick	Pendant	NIQRP02/ NIO62	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish



II. Upright Type

- UL Listed
- Made out of Bronze
- Maximum working pressure 175ps/11.6kg/m²



Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Upright	NISRPO2/ NIO32	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish
Quick	Upright	NIQRPO2/ NIO42	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish

III. Side Wall Mounted Type

- UL Listed
- Made out of Bronze
- Maximum working pressure 175ps/11.6kg/m²



Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Horizontal Sidewall	NI012	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish
Quick	Horizontal Sidewall	NI012	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish

IV. Concealed Sprinklers

- Discharge rate : 22 GPM
- Max. working pressure : 175 PSI / 11.6 kg/cm²
- Nominal temp. : 68 and cover plate 57°
- Hole dia required in ceiling : 60 to 70 mm
- Fusible metal : Tin alloy about 60%



Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Concealed	NI072	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish
Quick	Concealed	NI082	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish

Note: a) 57°C/93°C - Standard response Pendant / Upright SIN No.- NI 032 / NI052 respectively
 b) 57°C/93°C - Quick response Pendant / Upright SIN No. - NI042 / NI062 respectively
 c) Maximum working pressure for above sprinkler - 175 PSI & Hydro test pressure is 1.5 times of maximum working pressure
 d) Min. coverage area for above sprinkler is 9 Sq.mtr and max. Coverage area up to 12 Sq.mtr

Sprinkler Flexible Hoses

I. Unbraided Flexible Sprinkler Hose



Model	Rated Working Pressure, PSI	Outlet, inch	K-factor	Assembly Length, ft (mm)	Max. no. of 90° bends	Min. Bend Radius, inch	Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft
NFAP25-07	200	1/2"	5.6(80)	2.3 (700)	1	5	26
NFAP25-10	200	1/2"	5.6(80)	3.3 (1000)	1	5	36
NFAP25-12	200	1/2"	5.6(80)	3.9 (1200)	3	5	67
NFAP25-15	200	1/2"	5.6(80)	4.9 (1500)	3	5	84
NFAP25-18	200	1/2"	5.6(80)	5.9 (1800)	3	5	101

NFAP25-07	200	3/4"	8.0(115)	2.3 (700)	1	5	32
NFAP25-10	200	3/4"	8.0(115)	3.3 (1000)	1	5	42
NFAP25-12	200	3/4"	8.0(115)	3.9 (1200)	3	5	73
NFAP25-15	200	3/4"	8.0(115)	4.9 (1500)	3	5	77
NFAP25-18	200	3/4"	8.0(115)	5.9 (1800)	3	5	105

Model	Rated Working Pressure, PSI	Outlet, inch	K-factor	Assembly Length, ft (mm)	Max. no. of 90° bends	Min. Bend Radius, inch	Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft
NI25UB-700	175	1/2"	5.6(80)	2.3 (700)	1	4	24
NI25UB-1000	175	1/2"	5.6(80)	3.3 (1000)	2	4	44
NI25UB-1200	175	1/2"	5.6(80)	3.9 (1200)	2	4	49
NI25UB-1500	175	1/2"	5.6(80)	4.9 (1500)	2	4	59
NI25UB-1800	175	1/2"	5.6(80)	5.9 (1800)	3	4	84
NI25UB-700	175	3/4"	8.0(115)	2.3 (700)	1	4	30
NI25UB-1000	175	3/4"	8.0(115)	3.3 (1000)	2	4	48
NI25UB-1200	175	3/4"	8.0(115)	3.9 (1200)	2	4	55
NI25UB-1500	175	3/4"	8.0(115)	4.9 (1500)	2	4	64
NI25UB-1800	175	3/4"	8.0(115)	5.9 (1800)	3	4	86

II. Braided Flexible Sprinkler Hose



Model	Rated Working Pressure, PSI	Outlet, inch	K-factor	Assembly Length, ft (mm)	Max. no. of 90° bends		Min. Bend Radius, inch		Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft	
					UL	FM	UL	FM	UL	FM
N127-SB-700	200	1/2"	5.6(80)	2.3 (700)	1	1	5	11.8	26	33.0
N127-SB-1000	200	1/2"	5.6(80)	3.3 (1000)	1	2	5	11.8	36	43.6
N127-SB-1200	200	1/2"	5.6(80)	3.9 (1200)	3	3	5	11.8	67	55.9
N127-SB-1500	200	1/2"	5.6(80)	4.9 (1500)	3	4	5	11.8	84	67.5
N127-SB-1800	200	1/2"	5.6(80)	5.9 (1800)	3	4	5	11.8	101	78.8

N127-SB-700	200	3/4"	8.0(115)	2.3 (700)	1	1	5	11.8	32	28.3
NFAP25-1000	200	3/4"	8.0(115)	3.3 (1000)	1	2	5	11.8	42	48.1
NFAP25-1200	200	3/4"	8.0(115)	3.9 (1200)	3	3	5	11.8	73	86.8
NFAP25-1500	200	3/4"	8.0(115)	4.9 (1500)	3	4	5	11.8	77	111.0
NFAP25-1800	200	3/4"	8.0(115)	5.9 (1800)	3	4	5	11.8	105	120.8

Model	Rated Working Pressure, PSI	Outlet, inch	K-factor	Assembly Length, ft (mm)	Max. no. of 90° bends		Min. Bend Radius, inch		Eq. Length of 1" Sc. 40 Steel Pipe (C=120), ft	
					UL	FM	UL	FM	UL	FM
NI27-5B-07	175	1/2"	5.6(80)	2.3 (700)	1	1	7.5	10	12	26.4
NI27-5B-10	175	1/2"	5.6(80)	3.3 (1000)	1	2	7.5	10	42	34.1
NI27-5B-12	175	1/2"	5.6(80)	3.9 (1200)	3	3	7.5	10	53	46.8
NI27-5B-15	175	1/2"	5.6(80)	4.9 (1500)	3	4	7.5	10	68	61.4
NI27-5B-18	175	1/2"	5.6(80)	5.9 (1800)	3	4	7.5	10	94	76.1

NI27-5B-07	175	3/4"	8.0(115)	2.3 (700)	1	1	7.5	10	21	19.4
NI27-5B-10	175	3/4"	8.0(115)	3.3 (1000)	1	2	7.5	10	47	28.4
NI27-5B-12	175	3/4"	8.0(115)	3.9 (1200)	3	3	7.5	10	49	39.5
NI27-5B-15	175	3/4"	8.0(115)	4.9 (1500)	3	4	7.5	10	73	54.8
NI27-5B-18	175	3/4"	8.0(115)	5.9 (1800)	3	4	7.5	10	99	70.1

Alarm Valve System

- UL listed
- Made from Cast Iron
- Rated pressure 175 PSI / 11.6 kg/cm²
- Test pressure 350 PSI / 23.2 kg/cm²



Product Code No.	Description
SSE-AV-01	4" Flanged connection vertical installed
SSE-AV-02	6" Flanged connection vertical installed

Butterfly Valve

Specifications

- Type : Wafer / Grooved end
- Size : 2 1/2" , 3" , 4" , 6" & 8"
- Working Pressure : 175 PSI / 12.25 kg/m & 300 PSI / 21kg/m²
- Hydro test Pressure: 350 PSI / 24.5 kg/m & 600 PSI / 42 kg/m²



Factory installed UL approved tampered switch for indoor and outdoor use.

Materials

- Body : Ductile Iron, Nylon-11 coated with EPDM gasket
- Disc : Ductile Iron, EPDM encapsulated
- Stem : Stainless steel, hardened and tempered
- Housing : Ductile Iron (ASTM A-536)
- Hand wheel : Ductile Iron (ASTM A-536)

Landing Valves

Governing Standard: BS 5041 Part 1 & IS 5290

Body: Gunmetal / Stainless steel / Brass

Working Pressure: 150 PSI / 10.5 Kg/cm²

Hand Wheel: Cast iron

Seat Test: 240 PSI / 16 Kg/cm²

Inlet: Flanged or BSP/ NPT threaded

Body Test: 435 PSI / 30 Kg/cm²

Outlet: Female instantaneous or male BSP/ NH threaded

Oblique Type Landing Valve

Product Code No.	Description	Inlet Sizes	Outlets	Material Of Construction
LV-OT-38	1 ½" (38mm) Size	Flanged inlet as per	2 ½" Female Instantaneous 2	Gunmetal Aluminum alloy S.S
LV-OT-63	2 ½"(63mm) Size	ANSI/IS 1538(Part IV) Flanged inlet as per PN16	½"NH(M) 2 ½"NST(M)	
LV-OT-75	3" (75mm) Size	BSP Male threaded inlet NPT Male threaded inlet	2 ½" BSP (M)	



Straight Type Landing Valve

Product Code No.	Description	Inlet Sizes	Outlets	Material Of Construction
LV-ST-63	2 ½" (63mm) Size	Flanged inlet as per ANSI	2 ½" Female Instantaneous 2	Gunmetal
LV-ST-35	3 ½"(25mm) Size	Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet	½"NH(M) 2 ½"NST(M) 2 ½" BSP (M)	



Right Angle Type Landing Valve

Product Code No.	Description	Inlet Sizes	Outlets	Material Of Construction
LV-RT-63	2 ½" (63mm) Size	Flanged inlet as per ANSI Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet	2 ½" Female Instantaneous 2 ½" NH(M) 2 ½" NST(M) 2 ½" BSP(M)	Gunmetal



Bib Nose Type Landing Valve

Product Code No.	Description	Inlet Sizes	Outlets	Material Of Construction
LV-BT-63	2 ½" (63mm) Size	Flanged inlet as per ANSI Flanged inlet as per PN16	2 ½" Female Instantaneous	Gunmetal
LV-BT-75	3" (75mm) Size	BSP Male threaded inlet NPT Male threaded inlet		



Turn Down Lending Valve

Product Code No.	Description	Inlet Sizes	Outlets	Material Of Construction
LV-RT-63	2 ½" (63mm) Size	Flanged inlet as per ANSI Flanged inlet as per PN16 BSP Male threaded inlet NPT Male threaded inlet	2 ½" Female Instantaneous 2 ½" NH(M) 2 ½" NST(M) 2 ½" BSP(M)	Gunmetal



Double Outlet Type Landing Valve

Product Code No.	Description	Material Of Construction
LV-DOT-01	Made in gunmetal 4"NB flanged inlet as per ANSI/IS 1548	Gunmetal
LV-DOT-02	Made in gunmetal 4"NB flanged inlet as per PN16	S.S



Hose Valve

Product Code No.	Description	Material Of Construction
LV-AV-38A	1 ½" (F) NPT X 1 ½" (F) NPT	Brass
LV-AV-38B	1 ½"(F) NPT X 1 ½"(M) NST (NH)	
LA-AV-63A	2 ½"(F) NPT X 2 ½"(F) NPT	
LV-AV-63B	2 ½"(F) NPT X 2 ½"(M) NST (NH)	
Option: Can be supplied with 3" Flanged inlet & 2 ½" Female inst. outlet as per IS		903 / BS 336



Pressure Restricting Valve



Product Code No.	Description	Material Of Construction
LV- PRV-01	1½" (F) NPT x 1½" (M) NST (NH)	Brass
LV- PRV-02	2 ½"(F) NPT x 2 ½" (M) NST (NH)	

Option: Can be supplied with 3" Flanged inlet & 2 ½" Female inst. outlet as per IS 903 / BS 336

Controlled Pressure Hydrant Valve

Product Code No.	Description	Material Of Construction
LV- CPH-01	Made in gunmetal 1 ½" NB flanged inlet as per ANSI	Gunmetal S.S
LV- CPH-02	Made in gunmetal 1 ½" NB flanged inlet as per PN16	
LV- CPH-03	Made in gunmetal 2 ½" NB flanged inlet as per ANSI	
LV- CPH-04	Made in gunmetal 2 ½" NB flanged inlet as per PN16	

