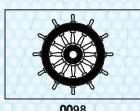




EVERSAFE®

Your Solution to *FIRE SAFETY*

Fire Hydrant Equipment



EDITION 2019



1 About Us:

Eversafe Extinguisher Sdn. Bhd. incorporated in year 1979, a member of Leeden National Oxygen Ltd, Singapore. Our production of fire-fighting equipment is housed within 2.844 acres of manufacturing and R&D facilities which allows us to offer an extensive range of high-quality products and systems.

2 Vision:

We aim to be the global leader in the production and marketing of firefighting equipment, systems, and solutions, through the use of innovative design.



3 Core Values:



4 Quality Control:

Manufacturing process and quality management systems have been approved to BS EN ISO 9001 by British Standards Institution.

5 Manufacturer/Distributor of:

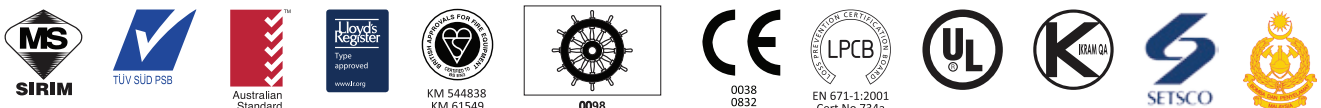
- Portable and Mobile Fire Extinguishers
- Fire Hose Reels
- Landing Valves
- Breeching Inlets
- Hydrant
- Nozzle
- Smoke Alarm
- Fire Blanket
- Canvas Hose
- Cabinets
- CO₂ Fire Extinguishing System
- NAF S227 Fire Extinguishing System (FM200 Alternative)
- NAF S125 Fire Extinguishing System
- Inert Gases Fire Extinguishing System
- Kerr Fire Foam Compound
- Wet Chemical Fire Suppression System

6 Product Standards/Certification/Directives:

Our products are in compliance with the following product standards / certification bodies:

- a) Australian Standard (**SAI Global**)
- b) European Standard (**BSI**)
- c) Malaysian Standard (**SIRIM / IKRAM**)
- d) Singapore Standard (**TÜV SÜD PSB / SETSCO**)
- e) Construction Product Directive, CPD / CPR (**BRE**)
- f) Pressure Equipment Directive, CE mark (**Lloyd's Register**)
- g) Marine Equipment Directive, Wheel mark (**DNV-GL**)
- h) Offshore Special Requirement - Sarawak Shell Bhd / Sarawak Shell Petroleum Co (**SSB / SSPC**)
- i) Kuwait National Petroleum Co (**KNPC**)
- j) Kuwait Oil Company (**KOC**)

PRODUCT APPROVALS





Screw Oblique Landing Valve

Model	VLOS
Inlet	R 2 1/2" Screw Thread to EN 10226
Outlet	Female Instantaneous to BS 336
Nominal Inlet Working Pressure	Up to 15 bar
Body Test Pressure	22.5 bar @ 2 min
Seat Test Pressure	16.5 bar @ 2 min
Body Material	Copper Alloy to BS 1400
Handwheel Material	Grey Cast Iron / Aluminium Alloy
Weight	4.2 kg
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 1

*Yellow finishing available upon request



Screw Right Angle Landing Valve

Model	VLRS
Inlet	R 2 1/2" Screw Thread to EN 10226
Outlet	Female Instantaneous to BS 336
Nominal Inlet Working Pressure	Up to 15 bar
Body Test Pressure	22.5 bar @ 2 min
Seat Test Pressure	16.5 bar @ 2 min
Body Material	Copper Alloy to BS 1400
Handwheel Material	Grey Cast Iron / Aluminium Alloy
Weight	3.7 kg
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 1

*Yellow finishing available upon request



Screw Bib Nosed Pressure Regulating Landing Valve (E-Type)

Model	RLOS
Inlet	R 2 1/2" Screw Thread to EN 10226
Outlet	Female Instantaneous to BS 336
Nominal Inlet Working Pressure	Up to 20 bar
Body Test Pressure	30 bar @ 2 min
Seat Test Pressure	22 bar @ 2 min
Body Material	Copper Alloy to BS 1400
Handwheel Material	Grey Cast Iron / Aluminium Alloy
Weight	14 kg
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 1

*Yellow finishing available upon request



Flanged Oblique Landing Valve

Model	VLOF
Inlet	DN 65 Flanged to EN1092-3 Table 16/21
Outlet	Female Instantaneous to BS 336
Nominal Inlet Working Pressure	Up to 15 bar
Body Test Pressure	22.5 bar @ 2 min
Seat Test Pressure	16.5 bar @ 2 min
Body Material	Copper Alloy to BS 1400
Handwheel Material	Grey Cast Iron / Aluminium Alloy
Weight	6.4 kg
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 1

*Yellow finishing available upon request



Flanged Right Angle Landing Valve

Model	VLR
Inlet	DN 65 Flanged to EN1092-3 Table 16/21
Outlet	Female Instantaneous to BS 336
Nominal Inlet Working Pressure	Up to 15 bar
Body Test Pressure	22.5 bar @ 2 min
Seat Test Pressure	16.5 bar @ 2 min
Body Material	Copper Alloy to BS 1400
Handwheel Material	Grey Cast Iron / Aluminium Alloy
Weight	5.9 kg
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 1

*Yellow finishing available upon request



Flanged Bib Nosed Pressure Regulating Landing Valve (E-Type)

Model	RLOF
Inlet	DN 65 Flanged to EN1092-3 Table 16/21
Outlet	Female Instantaneous to BS 336
Nominal Inlet Working Pressure	Up to 20 bar
Body Test Pressure	30 bar @ 2 min
Seat Test Pressure	22 bar @ 2 min
Body Material	Copper Alloy to BS 1400
Handwheel Material	Grey Cast Iron / Aluminium Alloy
Weight	15.7 kg
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 1

*Yellow finishing available upon request

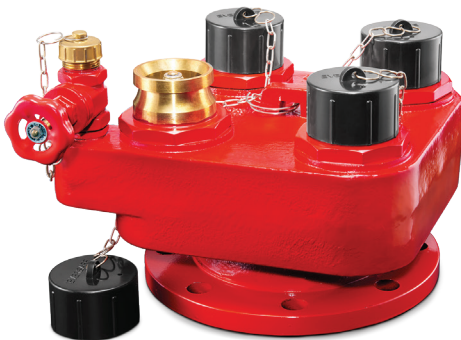


2 Way Breeching Inlet

Model	BI 2
Inlet	Ø65 mm Male Copper Alloy Inst. Non Return Valve
Outlet	100 mm Flanged to EN 1092-2
Pressure Rating	PN 16
Test Pressure	20 bar
Overall Width	279 mm
Overall Height	215 mm
Overall Weight	17 kg
Body Material	Ductile Iron / Cast Iron**
Cap	Plastic with chromed chained
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 3

*Yellow finishing available upon request

**Factory tested



4 Way Breeching Inlet

Model	BI 4
Inlet	Ø65 mm Male Copper Alloy Inst. Non Return Valve
Outlet	150 mm Flanged to EN 1092-2
Pressure Rating	PN 16
Test Pressure	20 bar
Overall Width	285 mm
Overall Height	215 mm
Overall Weight	33 kg
Body Material	Ductile Iron / Cast Iron**
Cap	Plastic with chromed chained
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	BS 5041 Part 3

*Yellow finishing available upon request

**Factory tested



2 Way Breeching Cabinet

Model	BC-2M
Body Material	1.2 mm Mild Steel Sheet
Dimension	595 mm x 364 mm x 295 mm
Glass	Clear Glass
Paint Finishing	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured to	BS 5401 Part 5



4 Way Breeching Cabinet

Model	BC-4M
Body Material	1.2 mm Mild Steel Sheet
Dimension	582 mm x 564 mm x 295 mm
Glass	Clear Glass
Paint Finishing	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured to	BS 5401 Part 5



2 Way Fire Hydrant c/w Adaptor & Blank Cap

Model	PH2T
Inlet	100 mm Flanged to EN 1092-2 Table 9
Outlet	2 x 65 mm Male V Blank Cap & Chain
Working Pressure	16 bar
Test Pressure	24 bar
Overall Flowrate	2000 L / min @ 1.7 bar
Body Material	Cast Iron** / Ductile Iron to BS 2789
Outlet Material	Copper Alloy to BS 1400
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	JKR 20200-0042-99

*Yellow finishing available upon request

**Factory tested



2 Way Fire Hydrant c/w Landing Valve

Model	PH2Q
Inlet	100 mm Flanged to EN 1092-2 Table 9
Outlet	2 x 65 mm Landing Valve With Female Inst. to BS 336
Working Pressure	16 bar
Test Pressure	24 bar
Overall Flowrate	2000 L / min @ 1.7 bar
Body Material	Cast Iron** / Ductile Iron to BS 2789
Outlet Material	Copper Alloy to BS 1400
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	JKR 20200-0042-99

*Yellow finishing available upon request

**Factory tested



2 Way Fire Hydrant c/w Pressure Regulating Valve

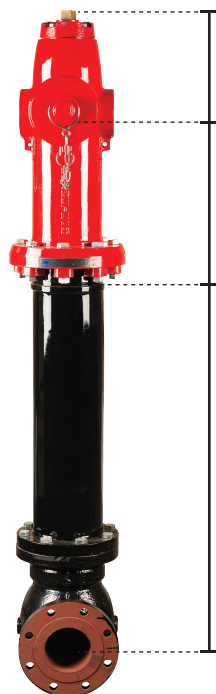
Model	PH2R
Inlet	100 mm Flanged to EN 1092-2 Table 9
Outlet	2 x 65 mm Pressure Regulating Valve With Female Inst. to BS 336
Working Pressure	20 bar
Test Pressure	30 bar
Overall Flowrate	2000 L / min @ 1.7 bar
Body Material	Cast Iron** / Ductile Iron to BS 2789
Outlet Material	Copper Alloy to BS 1400
Paint Finishing*	RAL 3000 Flame Red Epoxy Polyester Powder Coating
Manufactured & Certified to	JKR 20200-0042-99

*Yellow finishing available upon request

**Factory tested



BS EN 14384:2005
Cert/LPCB ref.1280Ga

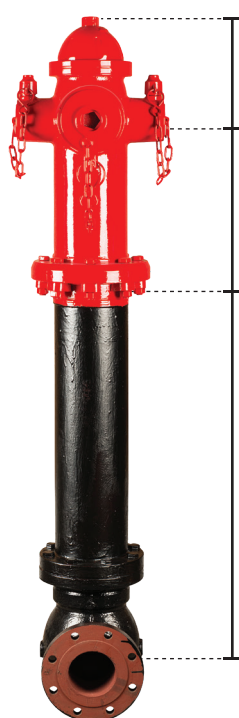


A Dry Barrel Hydrant Without Break System

Model		EE16-082S		EE16-083S	
Inlet		DN 100 Flange		DN 150 Flange	
Outlet		Two 2.5" BSP Hose Outlet and One 4" BSP Pumper (add Coupling or Valves)			
Dimension	A	207 mm		195 mm	
	B	395 mm		455 mm	
	C	800 mm	1200 mm	800 mm	1200 mm
Working Pressure		16 bar			
Closing Direction		Clockwise			
Opening Turns		16		15	
Upper Barrel Finishing		Red Electrostatic Powder Coating			
Lower Barrel Finishing		Black Bituminous Paint			
Shell Material		Ductile Iron			
Time for Draining		≤ 10 min			
Retained Water		≤ 150 ml		≤ 200 ml	
Manufactured & Certified to		BS EN 14384, LPCB			



BS EN 14384:2005
Cert/LPCB ref.1280Ga

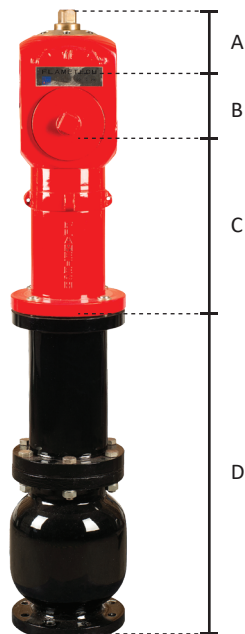


A Dry Barrel Hydrant Without Break System c/w Instantaneous Hose Connector

Model		EE16-082T			EE16-083T		
Inlet		DN 100 Flange			DN 150 Flange		
Outlet		Two 2.5" BS 336 Hose Connectors and One 4" BSP Pumper					
Dimension	A	225 mm			195 mm		
	B	403 mm			455 mm		
	C	800 mm	1200 mm	1450 mm	600 mm	800 mm	1200 mm
Working Pressure		16 bar					
Closing Direction		Clockwise					
Opening Turns		17			16.5		
Upper Barrel Finishing		Red Electrostatic Powder Coating					
Lower Barrel Finishing		Black Bituminous Paint					
Shell Material		Ductile Iron					
Time for Draining		≤ 10 min					
Retained Water		≤ 150 ml			≤ 200 ml		
Manufactured & Certified to		BS EN 14384, LPCB					



BS EN 14384:2005
Cert/LPCB ref.1280Ga

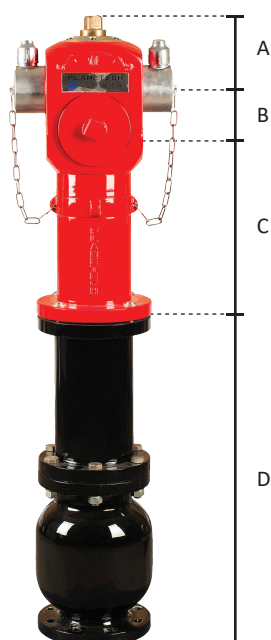


Dry Barrel Hydrant With Break System

Model		EE16-117S		EE16-117T	
Inlet		DN 100 Flange		DN 150 Flange	
Outlet		Two 2.5" BSP Hose Outlets and One 4" BSP Pumper (add Coupling or Valves)			
Dimension	A	100 mm			
	B	70 mm			
	C	413 mm			
	D	563 mm	716 mm	943 mm	
Working Pressure		16 bar			
Closing Direction		Clockwise			
Opening Turns		11			
Upper Barrel Finishing		Red Electrostatic Powder Coating			
Lower Barrel Finishing		Black Bituminous Paint			
Shell Material		Ductile Iron			
Time for Draining		≤ 10 min			
Retained Water		≤ 150 ml			
Manufactured & Certified to		BS EN 14384, LPCB			



BS EN 14384:2005
Cert/LPCB ref.1280Ga



Dry Barrel Hydrant With Break System c/w Instantaneous Hose Connector

Model		EE16-117U		EE16-117V	
Inlet		DN 100 Flange		DN 150 Flange	
Outlet		Two 2.5" BS 336 Hose Connector and One 4" BSP Pumper			
Dimension	A	100 mm			
	B	70 mm			
	C	413 mm			
	D	563 mm	716 mm	943 mm	
Working Pressure		16 bar			
Closing Direction		Clockwise			
Opening Turns		11			
Upper Barrel Finishing		Red Electrostatic Powder Coating			
Lower Barrel Finishing		Black Bituminous Paint			
Shell Material		Ductile Iron			
Time for Draining		≤ 10 min			
Retained Water		≤ 150 ml			
Manufactured & Certified to		BS EN 14384, LPCB			

Fire Hydrant Equipment

3 Way Pillar Hydrant & 4 Way Pillar Hydrant



3 Way Pillar Hydrant

Model	PH3T
Inlet	Flange 150mm to Table 16/21 BS 4504 : 2
Outlet	2 x 2 1/2" BSP and 1 x 4" BSP Threaded Connectors
Working Pressure	16 bar
Test Pressure	24 bar
Finishing	RAL 3000 Red Coating
Designed & Manufactured to	Factory Tested



4 Way Pillar Hydrant c/w Pressure Regulating Valve

Model	PH4R
Hydrant Working Pressure	7-16 bar
Hydrant Test Pressure	24 bar
Inlet*	5" Butterfly Valve PN16 to BS 4504
Inlet Working Pressure (max)	16 bar
Outlet	65 mm Self Regulating Valve Flange to BS 5041 : 1
Outlet Pressure Setting (max)	7 bar for Each Outlet
Pumper Connection	5" Female STORZ
Pumper Material	Gun Metal
Finishing	Galvanized / Sandblasted and Painted RAL 3000 Flame Red

*Other connection available upon request



BS Female Instantaneous & Female Screw Thread Hydrant Adaptor

Model	ADH-FIFS
Body Material	Aluminium Alloy
Size	2 ½"
Connection	2" Female BS 336 Instantaneous Coupling and Female BSPT Screw Thread
Paint Finishing	RAL 3000 Flame Red Epoxy Polyester



BS Male Instantaneous With Male Screw Thread Hydrant Adaptor

Model	ADH-MIMS		
Body Material	Brass		
Head Size	2 ½" BS 336		
Tail Size	2" BSP	2 ½" BSP	2 ½" NST
Finishing	Plain		



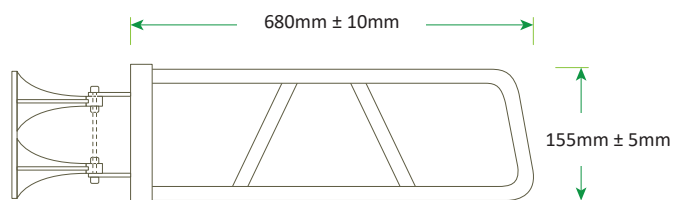
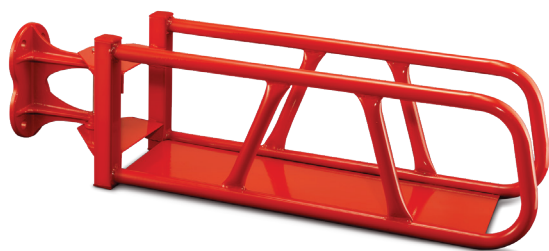
BS Male Instantaneous With Female Screw Thread Hydrant Adaptor

Model	ADH-MIFS		
Body Material	Brass		
Head Size	2 ½" BS 336		
Tail Size	2" BSP	2 ½" BSP	2 ½" NST
Finishing	Plain		



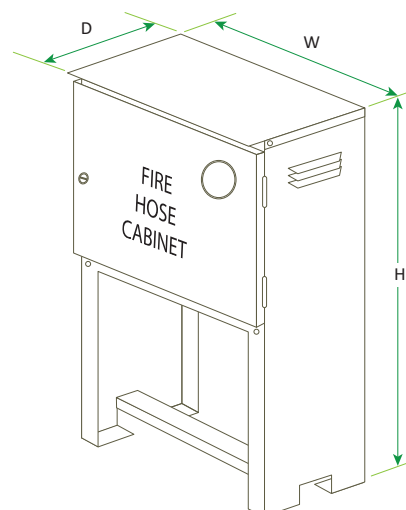
BS Male Instantaneous Hydrant Blank Cap

Model	CAH-MI	
Body Material	Brass	
Head Size	1 ½" BS 336	2 ½" BS 336
Finishing	Plain	



Hose Cradle

Model	HCD-01
Body Material	Aluminium Alloy and Steel
Dimension (L x H x W)	680 mm x 155 mm x 180 mm
Movement	180° (left to right)
Paint Finishing	RAL 3000 Flame Red Epoxy Polyester Powder Coating



Hydrant Equipment Cabinets (c/w Stand)

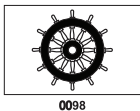
Model	HC-01	HC-02
Body Material	0.9 mm Mild Steel Sheet	1.2 mm Mild Steel Sheet
Dimension (W x H x D)	560 mm x 1180 mm x 330 mm	
Standard Capacity	2 Coils of 2 1/2" x 30 m Hose and 2 units of Nozzles	
Installation	Floor Mounted	
Paint Finishing	RAL 3000 Flame Red Epoxy Polyester Powder Coating	



Type 1 & Type 3 Fire Hose

Model	T110-65	T113-50	T113-65	T116-50	T116-65	T316-65
Type	Type 1					Type 3
Size	65 mm	50 mm	65 mm	50 mm	65 mm	65 mm
Standard Length	30 m					
Coupling	Instantaneous LA Coupling / GOST Coupling					
Working Pressure	10 bar	13 bar		16 bar		
Test/Burst Pressure	15 bar / 30 bar	26 bar / 39 bar		16 bar / 32 bar		24 bar / 48 bar
Colour	White					Red
Material	Canvas					Rubber
Manufactured to	BS 6391					

Note: Various hose length and coupling type available upon request



Lay Flat Canvas Fire Hose

Model	SH10-38E	SH14-38E	SH10-65E	SH14-65E	DH21-38E	DH21-65E	SH15-38P	SH15-52P	SH15-38E	SH15-52E
Type	Single Jacket				Double Jacket		Single Jacket			
Size	38 mm		65 mm		38 mm	65 mm	38 mm	52 mm	38 mm	52 mm
Standard Length	50' / 75' / 100'						20 m / 25 m / 30 m / 40 m			
Coupling	Instantaneous LA Coupling									
Working Pressure	10 bar	14 bar	10 bar	14 bar	21 bar	21 bar	15 bar	15 bar	15 bar	15 bar
Burst Pressure	31 bar	42 bar	31 bar	42 bar	63 bar	63 bar	45 bar	45 bar	45 bar	45 bar
Inner Material	EPDM						PVC		EPDM	
Outer Material	Polyester									
Colour	White									
Manufactured & Certified to	NFPA 1961 UL Listed						EN 14540 MED			

Note: Various hose length and coupling type available upon request

Fire Hydrant Equipment Fire Hose Rack Assembly & Components



The **EVERSAFE** Fire Hose Rack Assembly is used to provide immediate and efficient water source for fire suppression, and permits one-man operation. The assembly is for occupants use, Class II service under NFPA 14 standard class of service. The pin rack features an automatic release mechanism where water flow through the hose after the last fold is released.



Fire Hose Rack Assembly 1 1/2"



Fire Hose Rack Assembly 2 1/2"

Fire Hose Rack Assembly 1 1/2" & 2 1/2"

Model	HRA-38-AV-JS	HRA-38-RV-JS	HRA-65-AV-JS	HRA-65-RV-JS
Description	1½" Hose Rack Assembly c/w Angle Valve	1½" Hose Rack Assembly c/w Pressure Reducing Valve	2½" Hose Rack Assembly c/w Angle Valve	2½" Hose Rack Assembly c/w Pressure Reducing Valve
Hose Release Mechanism	Automatic			
Hose Valve Type	1½" Angle Hose Valve	1½" Pressure Reducing Valve	2½" Angle Hose Valve	2½" Pressure Reducing Valve
Fire Hose Type	1½" Polyester Single Jacket Rack Hose with EPDM Lining and Filament Polyester Yarn		2½" Polyester Single Jacket Rack Hose with EPDM Lining and Filament Polyester Yarn	
Nozzle Type	1½" Portable Jet/Spray Nozzle		2½" Portable Jet/Spray Nozzle	
Hose Size	1½" x 100 ft		2½" x 100 ft	
Hose Colour	White			
Service Pressure	200 psi			
Burst Pressure	600 psi			

Note: UL/FM approved components

Lay Flat UL Fire Hose



Model	SH14-38ET	SH14-65ET
Type	Single Jacket	
Size	38 mm	65 mm
Standard Length	50' / 75' / 100'	
Coupling	NH Threaded Coupling	
Working Pressure	200 psi	
Burst Pressure	600 psi	
Inner Material	EPDM	
Outer Material	Polyester	
Colour	White	
Manufactured & Certified to	NFPA 1961 UL Listed	



Angle Hose Valve

Model	AHV-38	AHV-65
Size	1 ½"	2 ½"
Rated Pressure	300 psi	
Material	Brass	
Manufactured & Certified to	UL 668 ; UL/FM Listed	



Pressure Reducing Hose Valve

Model	PRHV-38	PRHV-65
Size	1 ½"	2 ½"
Rated Adjustable Pressure	175 psi	
Material	Brass	
Manufactured & Certified to	UL 1468 ; UL/FM Listed	

**FM approved Pressure Restricting Valve rated pressure 300 psi available upon request*



Portable Jet/Spray Nozzle UL

Model	PN-38JS	PN-65JS
Size	1 ½"	2 ½"
Pressure Rating	200 psi	
Service Pressure Range	20 - 200 psi	
Discharge Rate Wide Open @ 100 psi	130 gpm	280 gpm
Applicable Fire Class	A & B	
Manufactured & Certified to	UL 401	



Hose Pin Rack

Model	HPR-38	HPR-65
Size	1 ½"	2 ½"
Mechanism	Automatic	
Body Material	Mild Steel	
Finishing	RAL 3000 Painted Red	



Hose Rack Nipple

Model	HN-38	HN-65
Size	1 ½"	2 ½"
Body Material	Brass	



Jet Nozzle Complete With Branchpipe

Model	JSN-001-AL
Body Material	Aluminium Alloy to BS 1490
Finishing	Natural
Inlet Size	Male Instantaneous BS 336
Flow Rate @ 65 PSI	210 L / min @ 12 mm Diameter 510 L / min @ 19 mm Diameter
Throwrange @ 65 PSI	16 m @ 12 mm Diameter 22 m @ 19 mm Diameter



Jet / Spray Diffuser Nozzle (Standard)

Model	JSN-003-AL-S
Body Material	Aluminium Alloy to BS 1490
Finishing	Natural
Inlet Size	Male Instantaneous BS 336
Flow Rate @ 65 PSI	500 L / min (Jet) 590 L / min (Spray)
Throwrange @ 65 PSI	26 m (Jet) 15 m (Spray)



Jet / Spray Diffuser Nozzle Complete With Branchpipe

Model	JSN-004-AL-S-BP
Body Material	Aluminium Alloy to BS 1490
Finishing	Natural
Inlet Size	Male Instantaneous BS 336
Flow Rate @ 65 PSI	500 L / min (Jet) 590 L / min (Spray)
Throwrange @ 65 PSI	26 m (Jet) 15 m (Spray)



Jet / Spray Nozzle Complete With Control Valve

Model	JSN-007-AL-CV-065
Body Material	Aluminium Alloy to BS 1490
Finishing	Natural
Inlet Size	2 1/2" BSP Male Instantaneous BS 336
Flow Rate @ 65 PSI	160 L / min (Jet) 140 L / min (Spray)
Throwrange @ 65 PSI	14 m (Jet/Spray)



Jet / Spray Nozzle Complete With Control Valve (Screw Thread)

Model	JSN-007-AL-CV-050
Body Material	Aluminium Alloy to BS 1490
Finishing	Natural
Inlet Size	2" BSP Male Thread
Flow Rate @ 65 PSI	160 L / min (Jet) 140 L / min (Spray)
Throwrange @ 65 PSI	14 m (Jet/Spray)

Our Global Network

EVERSAFE® products are available in more than 45 countries worldwide



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