

A spirit of enterprise, for the welfare of mankind

AAAG

SINCE 1933

Our Journey



Our Late Founder With a Consignment of Couplings in the 1950s

On the 26th of January, 1933, a dream turned into reality for our late founder, Shri Bhogilal Jethalal Shah, when he set up the Shah Bhogilal Jethalal Iron & Brass factory at Gheekanta, Ahmedabad. This was later renamed to Shah Bhogilal Jethalal & Bros (AAAG), in 1938, with the sole objective of manufacturing quality fire fighting equipment. This initiative was founded with the three 'C's in mind – Cost effectiveness, Consistency of Quality and Customer Satisfaction. 8 decades later, Shah Bhogilal Jethalal & Bros continues to flourish, but operates on the same cherished values of their late founder.



Training of fire officers at our factory in the 1960s



Our Late Founder With a Consignment of Monitors in the 1970s

Bhogilal and successive generations of his family continued to add different fire fighting equipment to their product range, and today, the company produces a wide range of water and foam based fire fighting equipment for fixed, mobile and vehicle based fire fighting applications.



Our New State of the Art Manufacturing Facility

Today, AAAG boasts of a modern, 60,000 sq. feet manufacturing facility, with in-house foundry, machining, assembly and testing facilities. The complete range of its products are now manufactured in-house, with state of the art machinery, equipment and fully trained staff. At the same time, the age old traditions of quality and commitment that Bhogilal inculcated in his organization, still remain strongly ingrained in all their activities.



Display of part of our product range at a leading Expo

Since the beginning, its products were known for quality and reliability, and have now gained recognition from reputed certifying agencies such as the Bureau of Indian Standards, Underwriter Laboratories, Factory Mutual, Engineers India, Mercantile Marine Dept, etc. Our products have been exported to countries such as the USA, UK, Italy, Singapore and the Middle East. Within the country, our clientele is a veritable who's who of the Indian Industry, and covers every major sector of commerce and industry

FIRE HYDRANT (LANDING) VALVES:

IS:5290 TYPE 'B'



DOUBLE CONTROLLED



RIGHT ANGLE

IS:5290 Type 'A'



CM/L : 1674159 OBLIQUE



OBLIQUE BS : 336



HORIZONTAL
(WHEEL VALVE)



DOWNWARD



SCREWED INLET



OBLIQUE

STAINLESS STEEL



UL LISTED
HYDRANT VALVE



BS : 5041-1:1987

IS:5290 Type 'A'



CM/L : 1674159 OBLIQUE

IS:5290 TYPE 'B'



DOUBLE CONTROLLED

Hydrant Valves are manufactured to suit various requirements,
BIS has accepted standard size of 63mm female Inst. size as per IS:5290.

- MOC : a) Gun Metal / IS:318 LTB-2
  b) Stainless Steel / IS:3444 Gr. I or IS:3444 Gr. IV
- Inlet : 3" NB Flanged as per IS:1538 / As per ANSI B 16.5 150 LBS for 63mm size
  4" NB for double outlet
- Outlet : Generally 63mm Female Instantaneous
- Size : 63mm / 50mm / 38mm
- Test Pressure : 23 kgf/cm2



SCREWED INLET FLANGED INLET

Pressure Reducing Hydrant Valves have been designed to maintain a uniform firefighting pressure for fire mains

Inlet Pressure:	4 bar to 20 bar
Outlet Pressure:	4 bar to 9 bar (adjustable)
Working Pressure:	20 bar (290 psi) at 0 to -38°C
Standard Outlet:	2½" Instantaneous Female.
Standard Inlet:	2½" ANSI 150lb/ PN16 / BS10 Flange

LPS 1584 : Issue 01
Cert / LPCB ref. 2020

IS:5290
CM/L:1674159

STAND PIPE



SINGLE DOUBLE

- Body : Aluminium
- Inlet : 63mm Female Instantaneous / Female BS Round Threaded
- Outlet : 63mm Female Instantaneous
- Test Pressure : 23 kgf/cm2

FIRE HYDRANT STAND POST

- Body : M.S. IS:1239 Heavy Grade
- Flanges : M.S. IS: 2062 (Welded)
- Inlet : 4” NB Flanged (As per ANSI B 16.5 150 LBS)
- Outlet : 2 Nos. 80mm NB Flanged (As per ANSI B 16.5 150 LBS)
- Test Pressure : 23 kgf/cm2



SINGLE HEADED



DOUBLE HEADED



DOUBLE HEADED WITH PUMPER CONNECTION

UNDER GROUND HYDRANT & KEY



ALU. M.S.

Underground Fire Hydrants are especially suitable in areas like Air Ports etc. The Hydrant Outlet is just below the surface of ground protected by cover Under Ground Hydrants are equipped with portable stand pipes with a optional Single or Double Outlet. Hydrant Key is to be provided for an operation of Hydrant.

- Body : Cast Iron IS:210
- Inlet : 3” NB Flanged
- Outlet : Gun Metal 2½” BS Round Threaded
- Test Pressure : 23 kgf/cm2



MONITORS



STAND POST TYPE
IS:8442 TYPE - I

- Body : Carbon Steel Water Ways (Hot Dip Galvanized)
- Swivel Joint : Bronze (Manual Twist Lock) / SS 304
- Inlet : Flanged to IS:1538 / ANSI B 16.5 150 LBS
- Outlet : Male BSP Threaded / Nozzle made of Alu. Alloy / Gun Metal
- Test Pressure : 23 kgf/cm2

Model	Operating Pressure Range kg/cm2	Flow Range lpm	Inlet Flange NB	Barrel Size / Nozzle Bore Dia NB	Performance	
					Flow lpm	Range Mtrs.
M63	6-12	1500 – 2500	75 / 100	63 / 32	1750	55
M75	6-12	1800 – 3500	100	75 / 38	2580	62
M100	7-12	2500 – 5500	150	100 / 45	3750	67

* when used with matching jet nozzles at 7 kg/cm2 pressure at nozzle, at an approximate angle 30 degrees, in still wind conditions



JRC FOAM MONITOR

- Body / Nozzle : SS 304 / SS 316
- Bearing : SS 304 / SS 316
- Inlet : Flanged to IS:1538 / ANSI B 16.5 150 LBS
- Outlet : Male BSP Threaded / Water Foam Nozzle
- Test Pressure : 25 kgf/cm2

Model	Operating Pressure Range kg/cm2	Flow Range lpm	Inlet Flange NB	Performance	
				Flow lpm	Range Mtrs.
AAAG FM 500	6 – 12	1800 – 2000	100	1850	54
AAAG FM 675	6 – 12	2400 – 2700	100	2550	60
AAAG FM 750	7 – 12	2700 – 3000	100	2850	62
AAAG FM 1000	7 – 12	3600 – 4000	100	3785	72
AAAG FM 2000	7 – 12	7000 – 8000	150	7570	85

* when used with matching AAAG Water Foam Nozzles at 7 kg/cm2 pressure at nozzle, at an approximate angle 30 degrees, in still wind conditions



PORTABLE GROUND MONITOR

The AAAG 'Assault' Portable Monitor is ideal for solution for areas where far reaching streams are required but fixed monitors are not available/ It's having compact size and detachable mechanism can give with 100mm inlet flow of up to 4700 LPM

- Body : SS 304 / Aluminium
- Swivel Joints : Aluminium (anodized)
- Gear Shaft : SS 304
- Finish : Fire Red Painted (2 Coats)
- Inlet : 2 Nos. 63mm Instantaneous Male Inlet (alternatively 100mm Male Instantaneous Inlet)
- Outlet : Threaded (BSP)
- Weight : Approx 18 kgs.
- Test Pressure : 23 kgf/cm2

Technical / Performance Data: Maneuverability : 330 degrees in horizontal plane +35 to -90 degrees in vertical plane

Typical performance parameters-

Flow* *lpm	**Range** Mtrs.
1880	48
2580	57

* with 7 kg/cm2 pressure at nozzle, at an approximate angle of 35 degrees, in still wind conditions



VEHICLE MONITOR

The AAAG Vehicle Monitors are developed keeping in mind case of operations and efficient performance

- Body : SS 304 / Aluminium
- Swivel Joints : GM IS:318 LTB-2 / SS 304 / Alu. Alloy
- Inlet : Flanged 100mm (ANSI B 16.5 150 LBS) / 3" NB
- Outlet : Threaded (BSP)
- Finish : Fire Red Painted (2 Coats)
- Sizes : Suitable for 3" and 4" waterway
- Weight : Approx 24 kgs.
- Test Pressure : 23 kgf/cm2

Technical / Performance Data: Maneuverability : 360 degrees in horizontal plane +85 to -15 degrees in vertical plane

MONITOR NOZZLES

WATER NOZZLES

119



JET

119 A



JET & SPARY

119 B



SUPER STREAM

- Size : Suitable for 63mm, 75mm, 100mm, 150mm size Monitors
- MOC : Gun Metal / Stainless Steel / Aluminium (Hard Anodized)
- Inlet : Threaded BSP / Flanged for 150mm size monitor
- Flow : Designed for optimum flow and range of each size

- Body : Gun Metal / Aluminium (Hard Anodized) / Stainless Steel
- Flow Valve : Gun Metal / Stainless Steel
- Bumper : Rubber
- Control Handles : Rubber Coated SS 304
- Sizes : Suitable for 63mm, 75mm, 100mm and 150mm size Monitors
- Inlet : Threaded BSP / Flanged for 150mm size monitor

WATER/FOAM NOZZLES

271



NON ASPIRATED

FOAM BARREL

272



ASPIRATED

- Barrel : Aluminium Pipes
- Body : Aluminium
- Pick up Tube : PVC braided hose with SS 304 Dip tube
- Sizes : Suitable for 63mm, 75mm, 100mm and 150mm size Monitors
- Inlet : Swivel Joint, Threaded BSP

TRAILERS, TROLLEYS

311



Construction :-

- Chassis : M.S.
- Deck : Non – slip Aluminium Chequered Plate
- Wheels : (pneumatic / solid) as per requirement
- Stabilizing jacks : M.S.
- Nozzle : As per requirement
- Inlet : 63mm Male Instantaneous with Non Return Valve

301



Construction :-

- Chassis : M.S.
- Deck : Non – slip Aluminium Chequered Plate
- Wheels : (pneumatic / solid) as per requirement
- Stabilizing jacks : M.S.
- Foam Tank : SS 304
- Nozzle : As per requirement
- Inlet : 63mm Male Instantaneous with Non Return Valve

VARIABLE FLOW FOAM MONITORS (UL LISTED)



FOAM MONITOR



JRC

AAAG UL Listed Foam monitors with variable flow are available for use in applications where firewater line pressure are likely to vary, and affect monitor performance. Easy changeover arrangement provided in the Nozzle deflector allows changing of the flow setting depending on pressure available. Different models are available with variable flow. The Jet Ratio Controller (JRC) Unit for use with these monitors also have matching flow settings, which must be matched to the Foam

Model	Operating Pressure Range Kgf/cm2	Inlet Flange NB	Performance @ 7 kg/cm2		
			Flow	Range	
				Water	Foam
AAAG FMV 500-750	7-12	4" NB	500	50	45
			750	60	55
AAAG FMV 500-750-1000	7-12	4" NB	500	50	45
			750	60	55
			1000	70	65
AAAG FMV 1000-1500-2000	7-12	6" NB	1000	70	65
			1500	75	70
			2000	80	75
AAAG FMV 2000-3000-4000	7-12	8" NB	2000	80	75
			3000	85	80
			4000	90	85

OSCILLATING MECHANISM FOR MONITORS

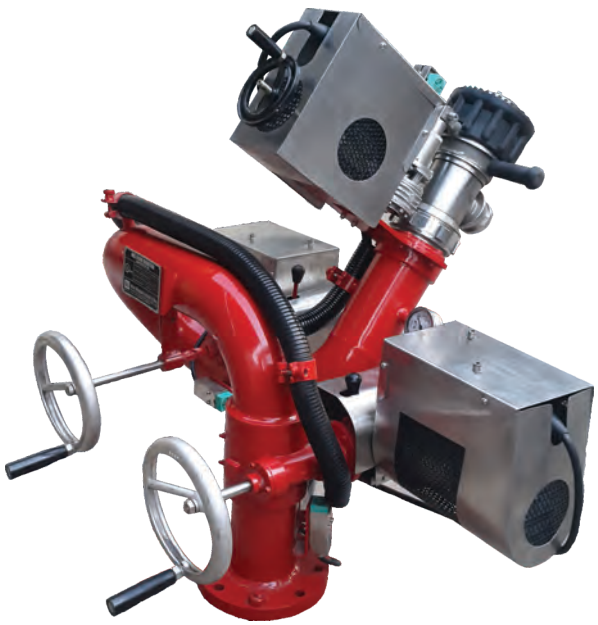
AAAG Oscillating mechanism can be used to convert standard monitors to oscillating monitors. The Oscillating mechanism is driven by a highly efficient water driven pelton wheel. A small quantity of foam/water solution is used from the monitor inlet for the functioning of the oscillating mechanism. Hence the monitor requires no external wiring or hydraulic control for operation. A highly efficient gear box mechanism is used to run the oscillating mechanism. The Oscillating unit can be used with a choice of Monitors adapted to fit the 4" flange. This monitors can be fitted with a choice of AAAG nozzles depending on application - Super Stream, air aspirating or non-air aspirating type nozzles.



Material	Stainless Steel
Maximum Pressure Operating	14 Bar (175 PSI)
Maximum Flow for Monitor	1000 gpm (3785 lpm)
Inlet Flange	100 NB (4") Raised Flange ANSI B 16.5 150 #
Outlet Flange	100 NB (4") Raised Flange ANSI B 16.5 150 #
Monitor Arc Oscillation	30,50,70 &100°
Monitor Rotation	360° continuous When Manual Override
Finish	Red Polyurethane
Ordering Information	Please Specify Monitor Model, Flange Connection, Nozzle Model & Flow rate

REMOTE CONTROL MONITORS

AAAG Remote Control Monitors (RCM) find application in industries/ operations having severe fire hazards, such as Oil & Gas facilities, flammable liquid storage and processing, Ports, etc, and can be operated from a safe and remote location, away from the hazard area. Can be used for application of water or foam (aspirated/ unaspirated) depending upon the hazards. A Control Panel with Operator Console is part of the RCM package, and is provided with the required controls and indications to remotely operate the monitor. Standby manual operation of the monitor is possible in the event of power failure.



MONITOR :

Body	: SS304/ SS316/ SS316L
Swivel Joints	: G.M/ SS304/ SS316
Gear Shaft	: SS304/ SS316
Finish	: Fire Red Painted (2 Coats)
Inlet	: Flanged to IS:1538 / ANSI B 16.5 150 LBS
Outlet	: Flanged / Male BSP Threaded
H.P. Tested	: 25 Kg/cm2.
Maneuverability	: 340 degrees in horizontal plane. +90 degrees, -45 degrees in vertical plane.

REMOTE CONTROL SYSTEM :



Power supply	: 415V 3Ph. 50Hz/ 230V 1Ph. 50Hz
Motors	: 3 Ph/1 Ph squirrel cage induction type, Flameproof, WP IP55
Proximity/ Limit switches	: 24 V DC/ 230 V AC, IS/ Flameproof, IP68
Junction boxes	: Flameproof, Weather protection IP65
Interconnecting cables	: Power - 4 mm^2 Cu, 1100 V grade PVC insulated, PVC sheathed, armoured, FRLS type
Control Panel	: Flameproof, PLC based/ Solid state based, WP IP65
Controls and Indications	- Horizontal & Vertical movement of Monitor - Jet/ Spray indication of nozzle) - Open/ Close of MOV - Power available indication



VEHICLE MONITOR

Remote Control Vehicle Monitor (With DC Motors & Wireless Remote)

The AAAG Vehicle Monitors are developed keeping in mind case of operations and efficient performance

Body	:	SS 304 / Aluminium
Swivel Joints	:	GM IS:318 LTB-2 / SS 304 / Alu. Alloy
Inlet	:	Flanged 100mm (ANSI B 16.5 150 LBS) / 3" NB
Outlet	:	Threaded (BSP)
Finish	:	Fire Red Painted (2 Coats)
Sizes	:	Suitable for 3" and 4" waterway
Weight	:	Approx 24 kgs.
Test Pressure	:	23 kgf/cm2

Technical / Performance Data: Maneuverability : 340 degrees in horizontal plane +85 to -15 degrees in vertical plane

HOSE COUPLING

IS:903

130



CM/L : 1768269
INSTANTANEOUS

130-BS



DELIVERY HOSE COUPLING
BS 336 : 2010

132



SCREWED
(LUG TYPE)

133



SCREWED
(HEXAGONAL)

134



BAYONET
(NUNAN)

STAINLESS STEEL

- MOC : Gun Metal / Stainless Steel / Aluminium Alloy
- Sizes : a) 38mm / 50mm / 63mm Instantaneous
  b) Screwed 1½" to 4"
  c) Nunan / Storz : 1½" to 2½"
- Test Pressure : 21 kgf/cm2

135



STROZ

130S



CM/L : 1768269
INSTANTANEOUS

HOSE PIPE

351



RRL
IS:636 TYPE '1'
ISI MARKED

352



RRL
IS:636 TYPE '3'
ISI MARKED

353



CP
IS:8423
ISI MARKED

- Sizes : 38mm / 50mm / 63mm / 70mm / 75mm / 100mm - 15 mtrs / 7.5 mtrs. length
- RRL IS:636 Type – A : Rubberized Fabric Reinforced Rubber Line Fire Hose,
  Jacket is made of **100% Synthetic Yarn,**
  Heat and Abrasion Resistance
- RRL IS:636 Type – B : Internally Rubber lining combined with closely woven
  Polyester Fiber,
  Wrap made of multiply high tenacity fibers,
  Chemical resistance and protection against ageing,
  Smooth inner lining surface with very low friction loss
- Controlled Percolated IS: 8423 : Controlled Percolating hoses,
  Made from **Synthetic Yarn** for extra strength

BRANCH PIPE / NOZZLES


111 COPPER (LONG)


112 SHORT (IS:903)


113 HAND CONTROLLED


114 FOG NOZZLE


115 REVOLVING NOZZLE


116 TRIPPLE (IS2871)


1160 SCREWED TRIPPLE


MALE DIFFUSER


117 NUNAN INLET


118 SELECT-O-FLOW


119 CONSTANT FLOW


124 AUTOMAX 500


125 SELECT-O-MAX 600


128 PINCHERING NOZZLE


114A APPLICATOR FOR FOG


120A JUMBO CURTAIN


120 WATER CURTAIN


121 SPARE NOZZLE


122 FLAT SPRAY


123 OIL FIRE


126A HOSE REEL


126B JET & SPRAY


129 NOZZLE SPANNER

- MOC : Gun Metal / Stainless Steel / Aluminium Alloy
- Sizes : Generally 63mm Male Instantaneous / Screwed
- Working Pressure : 7 kgf/cm2
- Test Pressure : 21 kgf/cm2

SPECIALLITY NOZZLES (118, 119, 124, 125) :-

- Light Weight / Easy Handling
- Long Range Jet and Fog Pattern
- Option of Fixed / Spinning Teeth
- Select Flow Facility
- Very Low Maintenance
- Sturdy Nozzle
- Low and Medium Expansion Foam Attachment Available
- Made of Alu. Alloy Hard Anodised

MEDIUM VELOCITY SPRAY NOZZLE :-

- MOC : Brass / Stainless Steel
- Inlet : ½" BSPT / NPT
- Flow : As per requirement
- K-Factor : As per requirement
- Angle : As per requirement
- Finish : Natural Finish / Chrome Plated

HIGH VELOCITY SPRAY NOZZLE :-

- MOC : Brass / Stainless Steel
- Inlet : ½" & ¾" BSPT / NPT
- Flow : As per requirement
- K-Factor : As per requirement
- Angle : As per requirement
- Finish : Natural Finish / Chrome Plated
- Available with Strainer

SPRAY NOZZLES


291A MVSN


291B HVSN


291C WATER CURTAIN

WATER CURTAIN / WINDOW CURTAIN NOZZLE :-

- MOC : Brass / Stainless Steel
- Inlet : ½" & ¾" BSPT / NPT
- Flow : As per requirement
- K-Factor : As per requirement
- Angle : As per requirement
- Finish : Natural Finish / Chrome Plated

ADAPTORS



FEMALE INST. (FBSPT)



F FOR HY.



F DOUBLE LUG



M BSPT



M INST.



MALE INST. x FBSP (LUG TYPE)



FBSP (HEXAGONAL)



MBSP (HEXAGONAL)



SHANK REDUCER



MBSP (LUG TYPE)



DOUBLE FEMALE



DOUBLE MALE



FLANGE F INST.



FLANGE M INST.



INTERNATIONAL SHORE CONNECTION



FLANGE FRT



MRT x MBSPT



FRT x F INST.

- MOC : Gun Metal / Stainless Steel
- Sizes : 1½" to 5½"
- Test Pressure : 21 kgf/cm2
- F : Female M : Male
- I : Instantaneous RT : Round Thread

BLANK CAPS



FRT



MRT



F INST.



M INST.



M INST.

- MOC : Gun Metal / Stainless Steel
- Sizes : 1½" to 5½"
- Test Pressure : 21 kgf/cm2
- F : Female M : Male
- INST : Instantaneous RT : Round Thread

BREECHES


182
COLLECTING BREECH
IS:905


181
DIVIDING BREECH
IS:905


183
CONTROLLED
DIVIDING IS:5131


183A
CONTROLLED DIVIDING
BALL DESIGN

- MOC : Gun Metal / Aluminium Alloy
- Sizes : 63mm / 38mm
- Test Pressure : 21 kgf/cm2

DRYRISER INLET


151
SINGLE INLET


151A
2 WAY INLET


151B
3 WAY INLET


151C
4 WAY INLET


152
AIR RELEASE VALVE
MOC : GUN METAL

- Body : Cast Iron / M.S. / Gun Metal / Aluminium Alloy
- NRV : Gun Metal / Stainless Steel
- Inlet : Flanged 3" / 4" / 6" NB
- Test Pressure : 21 kgf/cm2

SUCTION FITTINGS


141
SUCTION COUPLING


142
SUCTION STRAINER


143
FOOT VALVE STRAINER


145
3 WAY COLLECTING


146
NON RETURN VALVE


166
SUCTION ADAPTOR


147
SUCTION WRENCH

- MOC : Gun Metal / Aluminium Alloy / Stainless Steel
- Inlet : Round Thread
- Sizes : 3" / 4" / 5" / 5½" Threaded
- Test Pressure : 21 kgf/cm2



FIRE VEHICLE ACCESSORIES


201
BELL IS:928
MAT : BRASS IS:292


202
DELIVERY VALVE
SIZE : 2½"


203
FIRE HOOK
IS:927


204
FIREMAN AXE
IS:926


205
POUCH AND
BELT FOR AXE


206
MULTI EDGE RESCUE
AXE IS:5505


207
FIRE BEATER
IS:8096


209
CANVAS BUCKET


208
BASKET STRAINER
IS: 3582


210
NOZZLE ADAPTOR

DELIVERY HOSE ACCESSORIES


216
ALU. HOSE CLAMP
IS:5612 PT.-I


217
CANVAS HOSE CLAMP
IS:5612 PT.-I


218
HOSE BANDAGE
IS:5612 PT.-II


219
HOSE STRAP


220
HOSE SLINGE


211
HOSE RAMP


212
HOSE WASHING MACHINE


215
HOSE BINDING MACHINE

Hose Ramp :- Hose Ramps are used for unhindered passage of vehicles without affecting the hoses, Withstand loads up to 20000 kgs. With interlocks to position two ramps.

- MOC : Reinforced Rubber
- Size : 860mm x 300mm x 85mm

Hose Washing Machine :- A simple device for washing fire fighting hoses externally. Works on Hydrant line pressure only.

- MOC : Aluminium Alloy body, Gun Metal 63mm Male Inst. Inlet

Hose Binding Machine :-

- MOC : M.S. and G.I. graded material as per IS:3744
- Accessories : Male / Female adaptors for binding of different sizes, available on request

Hose Clamp :-

- MOC : Aluminium Alloy / M.S. Sheet Galvanized

Hose Bandage :-

- MOC : Water Proof Canvas as per IS:5612 Part – II

Hose Strap :-

- MOC : Canvas & Self Locking Clamp
- Size : 860mm x 40mm

PUMPS


213
WATER
EJECTOR


214
TURBO PUMP

Water Ejector :-

The Water Ejector is a simple jet pump, for pumping out water, slurry, etc.

- MOC : Aluminium Alloy body, Aluminium / Gun Metal Nozzle
- Connection : 63mm Instantaneous Male Inlet, 4" RT Male Suction, 4" RT Male
- Discharge Capacity : Approx 400 GPM at 5 kgf/cm2 Inlet Pressure

Turbo Pump :- Water Turbine Driven Centrifugal Pump

- Inlet : 63mm Male Instantaneous Inlet
- Outlet : 63mm Male / Female Instantaneous Outlet
- MOC : a) Body : Gun Metal / Aluminium Alloy Hard Anodized
  b) Impeller : Gun Metal
  c) Strainer : Stainless Steel
- Working Pressure : 3 kgf/cm2 min.

256



WALL MOUNTED TYPE
FIXED / SWINGING TYPE IS:884

257



HORIZONTAL MOUNTING

HOSE REELS

Wall Mounted Type and Horizontal Mounting

- Inlet : 1" Threaded Inlet Connection
- Outlet : ¾" / 1" / 1½" outlet connection for Hose to accommodate 30Mtrs. / 36Mtrs. / 40Mtrs. Hoses
- Hose : Rubber Braided / PVC Braided
- Test Pressure : 10 kgf/cm2

251

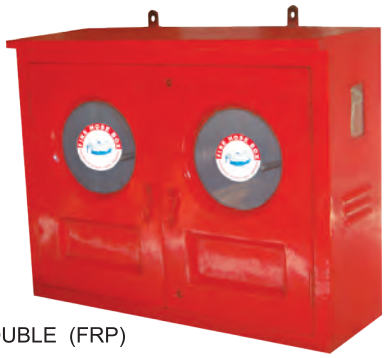


SINGLE

252



DOUBLE (MS)



252A

DOUBLE (FRP)

253



HOSE CABINETS

- MOC : a) 18 SWG CRC Sheet
  b) FRP Material (Weather Proof)
- Size : 450mm x 600mm x 250mm for Single Hose Cabinet
  750mm x 600mm x 250mm for Double Hose Cabinet
  900mm x 600mm x 250mm for Double Hose Cabinet
  (for Type – B Hoses)
- Optional : M.S. Stand Available
- Finish : Fire Red Color (2 Coats)

EXTINGUISHER BOX

- MOC : a) 18 SWG CRC Sheet
  b) FRP Material (Weather Proof)
  c) Stainless Steel
- Size : 300mm x 800mm x 300mm for 1 No. Extinguisher
  600mm x 800mm x 300mm for 2 Nos. Extinguisher
- Finish : Fire Red Color (2 Coats)

PORTABLE FOAM EQUIPMENT

LX FOAM BRANCH



- MOC : a) Barrel : Aluminium / SS 304
  b) Nozzle Assly : Aluminium / Gun Metal
  c) Handle : Aluminium / SS 304 (LX 450 only)
  d) Holding Ring : Aluminium
- Inlet : 63mm Instantaneous Male (GM / SS / Aluminium)
- Finish : Signal Red Paint / Natural Finish for SS

Technical / Performance Data

Data / Model	AAAG LX 225	AAAG LX 450	AAAG LX 450J
Nominal Flow (lpm)*	225	450	450
Range (Mtrs.)*	20	25	Jet – 21 Spray – 12
Expansion**	1:10	1:10	1:10
Length (mm)	770	915	850
Approx Wt. (Alu.) (S.S.)	3.5 5.0	5.2 6.0	6.2 ---

* - at 7 kg/cm2 pressure at branch inlet
** - using standard AFFF compound

MX FOAM BRANCH



- MOC : a) Barrel : SS 304
  b) Nozzle Assly : Gun Metal
  c) Nozzle Worm : Aluminium / Gun Metal
  d) Mesh : SS 304
- Inlet : 63mm Instantaneous Male (GM / SS)
- Finish : Signal Red Paint / Natural Finish for SS

Technical / Performance Data

Data / Model	AAAG MX 225	AAAG MX 450
Nominal Flow (lpm)*	225	450
Range (Mtrs.)*	06	08
Expansion**	1:40	1:40
Length (mm)	530	615
Approx Wt.	5.0	6.2

* - at 4 kg/cm2 pressure at branch inlet
** - using standard AFFF compound

MX FOAM POURER



- MOC : a) Barrel : SS 304
  B) Pipe Work : SS 304
  C) Nozzle Assly : Gun Metal
  D) Nozzle Worm : Aluminium / Gun Metal
  E) Mesh : SS 304
- Inlet : 63mm Instantaneous Male (GM / SS 304)
- Inlet (MXP 1600) : 100mm Instantaneous Male (GM / SS 304)
- Finish : Signal Red Paint / Natural Finish for SS

Technical / Performance Data

Data / Model	AAAG MXP 600	AAAG MXP 1100	AAAG MXP 1600
Nominal Flow (lpm)*	600	1100	1600
Range (Mtrs.)*	24	44	64
Expansion**	1:40	1:40	1:40
Length (mm)	635	920	950
Approx Wt.	9.3	18.0	22.0

*- at 3.5 kg/cm2 pressure at branch inlet
** - using standard AFFF compound

INLINE INDUCTOR



- MOC : a) Tube : Aluminium / Brass
  B) Body : Aluminium / Gun Metal
  C) Nozzle : Gun Metal
  D) Improver : Aluminium / SS 304
- Inlet / Outlet : 63mm Instantaneous Male / Female (GM / Aluminium)
- Finish : Signal Red Paint / Natural Finish for G.M.

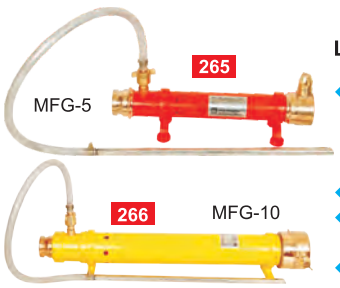
Technical / Performance Data

Data / Model	AAAG ILP 225	AAAG ILP 450
Nominal Flow (lpm)*	225	450
Recommended operating pressure (bars)	5-10	5-10
Length (mm)	435	435
Approx Wt. (Alu.) (Brass)	5.4 ---	5.4 9.0

*- at 7 kg/cm2 pressure at inductor inlet

Note : AAAG Inline Inductors are supplied with 1 Mtr. Long PVC braided hose and SS dip tube.

LX FOAM GENERATOR



- MOC : a) Tubes : Aluminium
  b) Body : Aluminium
  c) Inductor Assly : Gun Metal
  d) Supports : Aluminium
- Inlet : Standard 63mm Instantaneous Male (GM)
- Outlet : (MFG5) 63mm Instantaneous Female (GM)
  (MFG10) 100mm Instantaneous Female (GM)
- Finish : Signal Red Superior Paint

Technical / Performance Data

Data / Model	AAAG MFG 5	AAAG MFG 10
Nominal Flow (lpm)	225-250	450-500
Recommended operating pressure (bars)	7-10	7-10
Length (mm)	535	885
Approx Wt.	5.8	10.5

*- at 7 kg/cm2 pressure inlet

Note : AAAG MFGs are supplied with 1 MTr. Long PVC braided hose and SS dip tube.

PORTABLE FOAM EQUIPMENT



268-A

Specifications :

Body	:	GRP
Pipe assembly	:	Copper
Water Turbine	:	Bronze
Fan Assembly	:	Aluminium Alloy
Spray nozzles	:	G.M./ Brass
Inlet	:	2.5" Instantenous Male (GM / SS 304)
Bypass	:	2.5" Instantenous Female (GM / SS 304)

Performance Data :

Opration Mode	Pressure at Inlet (kg/cm2)	Total Water used (lpm)		Foam Output (M3/min)
		Foam Generation	By pass	
Normal	5	205	-	100
	7	250	-	135
	9	280	-	170
Bypass Open	5	140	80	115
	7	175	96	155
	9	195	110	190

Note : Expansion of 500 to 600 times is obtained in normal operation, while 800 to 1000 is obtained with Bypass open.
Note : Smoke extraction - approx. 280 M3/min at 7 bars inlet pressure.

HI. EX. FOAM GENERATOR



268

- MOC : a) Shell : SS 304
  b) Pipe Assly : SS 304
  c) Pelton Wheel : SS 304
  d) Fan Assly : SS 304 / Aluminium
  e) Spray Nozzles : Gun Metal
  f) P. wheel nozzles : Gun Metal / Brass
- Inlet : Standard 63mm Instantaneous Male (GM / SS 304)
- Finish : Natural Finish

Note : Large capacity versions of High Expansion Foam Generators (FRP) also available.

Data / Model		AAAG HX Mini S
Output (M3/min) Expansion	at 3.5 bars*	48 1:270
Output (M3/min) Expansion	at 5.5 bars*	68 1:310
Height (mm)		610
Approx Wt.		< 17
*pressure at Generator inlet		

FOAM MOBILE TROLLEY



270

- Tank : Corrosion resistant FRP (bright yellow colour)
- Chassis frame : M.S. / SS 304
- Handle : SS 304
- Hose Basket : SS 304
- Tyres : Solid polymer tyres.
- Inline Inductor provided with ON / OFF valve and having induction rate of 3% or 6%. Variable options available on request.
- Inductor provided with PVC braided hose and SS 304 Dip Tube. 2 Nos. of 63mm dia. 15 Mtrs. Long Hoses provided with the Trolley (choice of RRL or Synthetic Hose)

FOAM CHAMBER WITH VAPOUR SEAL



283

284

- Applicable for Fixed Roof Tank
- Available in different flow range
- Treated with Anti corrosive treatment
- Suitable for all types of Foam Concentrate
- 3 to 4 % Foam Expansion
- Flange Connection as per ANSI B 16.5 150 LBS
- Vapour Seal Rapture Pressure 0.7 to 1.75 kgf/cm2
- MOC : Mild Steel

Technical / Performance Data

Inlet Connection	Outlet Connection	Flow at 3.5 kgf/cm2 Lpm
50 NB	80 NB	75 – 225
65 NB	100 NB	225 – 450
80 NB	150 NB	450 – 900
100 NB	200 NB	900 – 1800
150 NB	250 NB	1800 – 2700

FOAM MAKER



281

- Applicable for Floating Roof Tank
- Available in different flow range
- Treated with Anti corrosive treatment
- Suitable for all types of Foam Concentrate
- 3 to 4 % Foam Expansion
- Flange Connection as per ANSI B 16.5 150 LBS
- MOC : Mild Steel

Technical / Performance Data

Inlet Connection	Outlet Connection	Flow at 3.5 kgf/cm2 Lpm
50 NB	80 NB	75 – 225
65 NB	100 NB	225 – 450
80 NB	150 NB	450 – 900
100 NB	200 NB	900 – 1800
150 NB	250 NB	1800 – 2700

PORTABLE PUMP

AAAG Portable Firefighting pump units are intended for primary firefighting i.e. tackling small size fires, dewatering, and similar purposes. The unit consists of a centrifugal pump, a diesel engine prime mover, priming arrangement for the pump, a lightweight frame for mounting the pump and engine and other arrangements necessary for operation of the pump.



Make	AAAG
Model	Portable Firefighting Pump
Inlet	2.5" MRT
Outlet	2.5" Female Instantaneous adaptor
Engine	8.3 HP, 3000 rpm, Air cooled, Diesel (GREAVES or equivalent)
Pump	Centrifugal pump, single stage, 275 lpm@3.5 kgf/cm2

TRAILER PUMP

The AAAG Firefighting Trailer Pump provides the means to launch firefighting operations against small and medium fires using hoses and handline nozzles. Fitted with a Fire fighting pump capable of supporting two handline nozzles (of approx. 500 lpm capacity), it allows operators to mount an effective attack from two sides till other arrangements can be mobilized. The Trailer can be suitably located near a water source, and hoses can be laid out to the hazard area to carry out firefighting operations. Pump operation (pressures) can be easily controlled by a Pump Operator at the Control Panel.

General Specifications:
Output : 600 - 1800 lpm @ 7 kg/cm2
Pump Casing & Impeller : Bronze
Pump Shaft : Stainless Steel
Engine: Diesel, 4 Stroke
Trailer Frame : M.S. Sections
Primer : Bronze
Pump Panel : M.S. Sheets



Following equipments/accessories are supplied along with Trailer Pump:
- 2 Lengths of Suction Hose, 2.5 M length, 100 mm dia, G.M. RT suction couplings
- One pair of Suction Wrenches
- One 100 mm size round thread metal strainer
- One basket strainer with canvas skirt

CERTIFIED

Dependable Quality, High Performance

Our esteemed clients have reposed their faith in us for quality and performance, and have been the major factor in our growth and success. AAAG clientele covers every major sector of Indian commerce and industry, which includes Oil & Gas, Petroleum Refining and Storage, Petrochemicals, Fertilizers, Chemicals, Power, Pharmaceuticals, Cement, Steel, Consulting / Engineering, Construction and Infrastructure.

Refineries & Petrochemicals

ONGC making tomorrow brighter — Oil and Natural Gas Corporation Ltd.
Indian Oil
Bharat Petroleum
HP
CPCL
ESSAR
NRL
HALDIA PETROCHEMICALS LTD
GSPC
HMEL
ऑयल इंडिया लिमिटेड Oil India Limited
OMPL
GAIL (India) Limited Gas & Beyond
BHARAT OMAN REFINERIES LIMITED

Power Generation

torrent POWER
BHEL
GE
NHPC
RELIANCE Power
NTPC
पावरग्रिड
DVC
ADANI
ENERCON SYSTEMS
TATA
TATA POWER
GPEC
GSECL
GUJARAT STATE ELECTRICITY LTD.
ENERGY IS LIFE
CONSERVE IT
NPCL
JINDAL STEEL & POWER

Marine & Ports

GSL
HSL
Cochin Port Trust
SHM
PIPAVAV PORT

Fertilizers & Chemicals

KRIBHCO
IFFCO
NAGARJUNA GROUP
RCF
GNFC
GUJARAT STATE FERTILIZERS & CHEMICALS LIMITED
DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LIMITED
HFCL

Pharmaceuticals

CADILA PHARMACEUTICALS LIMITED
dishman
TATA
torrent PHARMA
SUN PHARMA
LUPIN
Cipla
TATA CHEMICALS LIMITED
Coromandel

Heavy Engineering & Other Industries

TATA
L&T
adani
Ministry of Steel Government of India
ADITYA BIRLA HINDALCO
Kidde A UTC Fire & Security Company
BRIJBASI
Technip
tyco Fire & Security
Mahindra
Cairn
BAYER
Coal India
MECON ISO 9001 Company
ASHOK LEYLAND
BRIDGESTONE
BINANI ZINC
MIDHANI
सेल SAIL
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Firex
PDIL
BHEL NEW FRONTIERS. NEW DREAMS
सीसीआई CCI

AAAG

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Shah Bhogilal Jethalal & Bros.

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