

archer

a member of REDA Hazard Control

FIRE FIGHTING APPLIANCES

Archer offers a diverse range of fixed and portable fire fighting appliances for residential, commercial and industrial applications. Archer also has a range of specially engineered equipment suitable for use in demanding environments, such as petrochemical, industrial, marine or offshore facilities.



Design. Install. Maintain.

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Catalogue Disclaimer:

All images used are for illustrative purposes. These and the specifications given are typical and actual specifications may differ at time of order. Please check with your Sales Adviser in respect of actual specifications.

Standard Range

Name

Hose Reel



Application

Hose reels are intended for occupant first response. Hose reels come regularly furnished with drum, non-collapsible hose and inlet gate valve.

General Specification

Standard: EN 671-1-2012
 Approvals: BSI Kitemark, TUV SUD PSB
 Waterway: Al Alloy and GI Coated Steel
 Working Pressure: 12 bar
 Test Pressure: 18 bar
 Arm Material: Steel EPE Powder Coated
 Side Plate: Mild Steel EPE Powder Coated

Part No. FF01-ILxx-MAxx-CFxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Inlet/ Outlet Size:

(ILO1) 3/4"
 (ILO2) 1"

Material of Arm and Waterway:

(MA01) Standard
 (MA02) SS304
 (MA03) SS316

Configuration:

(CF01) Manual Swing
 (CF02) Automatic Swing
 (CF03) Fixed

Name

Hydrant Valve



Application

Hydrant valves are for installation on wet and dry risers and serve as a connection point for fire hoses. They can also be installed on hydrant outlets for instantaneous connection to fire hoses. All valves are regularly furnished with cap and chain.

General Specification

Standard: BS 5041: Pt. 1 and Pt. 2
 Approvals: BSI Kitemark, TUV SUD PSB
 Body: BS1400
 Handwheel: BS1490
 Working Pressure: 15 Bar
 Seat Test Pressure: 16.5 Bar
 Body Test Pressure: 22.5 Bar

Part No. FF02-CMxx-ICxx-OCxx-CFxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Cap Material:

(CM01) Plastic
 (CM02) Gunmetal

Outlet Connection:

(OC01) BS336
 (OC02) ANSI NH-7.5
 (OC03) BSRT

Configuration:

(CF01) Right Angle
 (CF02) Bib-Nose
 (CF03) Straight
 (CF04) Oblique

Inlet Connection:

(IC01) 2.5" PN16 BS5404 Flange
 (IC02) 2.5" BSPT Threaded

Name

Pressure Regulating
 Hydrant Valve



Application

For installation on high pressure ring main systems to regulate the outlet pressure for safe operation of fire hoses. Pressure is factory set according to client's requirement and then locked to prevent tampering.

General Specification

Standard: BS5041: PT 1 1987
 Approvals: BSI Kitemark, TUV SUD PSB
 Body: BS1400
 Handwheel: BS1490
 Working Pressure: 15 Bar
 Seat Test Pressure: 22 Bar
 Body Test Pressure: 30 Bar
 Flow Rate: 8.5 +/- 0.5 L/s at 7.5 – 20 bar inlet pressure

Part No. FF03-CMxx-ICxx-OCxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Cap Material:

(CM01) Plastic
 (CM02) Gunmetal

Inlet Connection:

(IC01) 2.5" PN16 BS5404 Flange
 (IC02) 2.5" BSPT Threaded

Outlet Connection:

(OC01) BS336
 (OC02) ANSI NH-7.5
 (OC03) BSRT

Standard Range

Name

Hose Reel Cabinet



Application

For housing of hose reels to prevent tampering of hose reels or for outdoor installations. Cabinets with key locks are provided with break-glass.

General Specification

Overall Dimension: 770 L x 770 H x Depth (Depends on Hose Reel Size)
Finishing: Red EPE Powder Coating

Part No. FF04-HSxx-MAxx-LOxx-CFxx-BKxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Hose Reel Size

(HS01) 1"
(HS02) 3/4"

Lock

(LO01) Camlock
(LO02) Spring Lock
(LO03) Latch Without Key

Backplate

(BK01) With
(BK02) Without

Material

(MA01) 1.5 mm Mild Steel
(MA02) 1.5 mm SS304
(MA03) 1.5 mm SS316
(MA04) GRP

Configuration

(CF01) Standard
(CF02) Door Mounted

Name

Air Release Valve



Application

To be installed at the top of wet or dry risers to bleed the pipe of any trapped air, which can cause water hammers due to sudden dislodging of air pockets. Water hammers can be detrimental to system valves and fittings, and affect operation of hose equipment.

General Specification

Material: Brass
Thread Connection: BSPT

Part No. FF05-SZxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Size:

(SZ01) 3/4"
(SZ02) 1"

Name

Breeching Inlet



Application

Breeching inlets are installed on the upstream of all fixed systems to permit emergency breaching of water in event of water supply failure. In dry risers, fire fighters connect water supply to the breeching inlets to provide water for indoor fire-fighting. Breeching inlets have spring loaded check valves built into the inlets to ensure that water can only flow into the system and not out.

General Specification

Standards: BS 5041 Pt 3
Approvals: BS Kitemark, TUV SUD PSB
Body Material : Spheroidal Graphite Iron to BS 2789
Inlet : 65mm Male Instantaneous to BS 336, Copper Alloy to BS 1400
Outlet – 2 Way Breeching : 100mm PN16 to BS4504 / 4" ANSI Class 150 F.F
4 Way Breeching : 150mm PN16 to BS 4504 / 6" ANSI Class 150 F.F
Working Pressure : 10 Bar (145 psi)
Test Pressure : 20 bar (290 psi)

Part No. FF06-SZxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Size:

(SZ01) 2-way
(SZ02) 4-way

Standard Range

Name

Breeching Inlet Cabinet



Application

Breeching inlet cabinets protect breeching inlets from damage, tampering and also serves to highlight their location to emergency responders. Cabinets are usually labelled 'Dry Riser', 'Wet Riser' or simply 'Breeching Inlet'. Available in a variety of materials to suit the environment.

General Specification

Standards: BS 5041 Pt 5
Material & Thickness : Mild Steel/1.2mm
Glass : Wire Mesh/Clear Glass
Installation : Recess Mounted
Finishing : RED EPE Powder Coated
Manufactured to : BS5041: Pt.5
Lock: Keyed Alike lock

Part No. FF07-SZxx-CLxx-MAxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Size:

(SZ01) 2-way
(SZ02) 4-way

Color:

(CL01) Red
(CL02) Yellow

Material:

(MA01) Mild Steel
(MA02) SS304
(MA03) SS316

Name

Landing Valve Cabinet



Application

Landing Valve cabinets protect landing valves from damage, tampering and also serve to highlight their location to emergency responders. Available in a variety of materials to suit the environment.

General Specification

Material & Thickness : Mild Steel/1.2mm
Glass : Wire Mesh/Clear Glass
Installation : Recess Mounted
Finishing : RED EPE Powder Coated
Manufactured to : BS5041: Pt.4
Lock: Keyed Alike Lock

Part No. FF08-TYxx-CLxx-MAxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Type:

(TY01) For Low Pressure Landing Valve
(TY02) High Pressure Landing Valve

Color:

(CL01) Red
(CL02) Yellow

Material:

(MA01) Mild Steel
(MA02) SS304
(MA03) SS316

Name

Hose Cradle



Application

Hose cradles are for storage of layflat fire hoses, and are installed next to dry riser & wet riser landing valves or hydrants. Cradles are designed to store either one or two 2-1/2" x 30 m layflat fire hoses

General Specification

Body : Mild Steel, RED EPE Powder Coated
Bracket : Aluminum Alloy
Type : Swing 180 Deg

Part No. FF09-TYxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Type:

(TY01) Single
(TY02) Double

Standard Range

Name

Pedestal Hydrant



Application

Hydrants are installed outdoors and provide fire fighters with a reliable water source for fire-fighting operations. Pedestal Hydrants are designed according to BS 750. These hydrants can be installed dry or wet, and are available as 2 way or 3 way models. On a 3-way hydrant, the third outlet is for connecting to fire trucks (also known as pumper connection).

General Specification

Standard: BS 750
Body Material : Cast Iron to BS 1452
Inlet: 100 mm PN 16 to BS 4504 OR 150 mm PN 16 to BS 4504 (for 3-way hydrant)
Outlet: 2 x 65 mm BSRT, 1 x 100 mm BSRT (Optional Pumper Connection)
Test Pressure : 22.5 bar (326 psi)
Working Pressure : 15 bar (217 psi)
Seat Test Pressure : 16.5 bar (239 psi)
Finishing : RED
Manufactured to : BS5041: Pt.5
Lock: Keyed Alike lock

Part No. FF10-TYxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Type:

(TY01) 2-way
(TY02) 3-way

Name

Fire Hose



Application

Fire hoses are usually housed inside cabinets and located next to landing valves or outdoor hydrants. Fire hoses are intended for use by trained fire responders and functions as a delivery device for water or foam. Type 3 fire hoses have an abrasion and chemical resistant outer protective coating which makes them suitable for deployment in outdoor environments.

General Specification

- High quality special Synthetic Rubber or Nitrile or PVC
- Extruded through the weave
- Smooth internal waterway for minimum friction loss
- Longitudinal ribs in the external covering for high abrasion resistance
- Standard Colour: Red
- Manufacture to BS 6391 Type 3 with BS336 Instantaneous Couplings

Part No. FF11-SZxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Size:

(SZ01) 1½"
(SZ02) 2½"

Length:

Customer to specify

Standard Range

Name

Hose Nozzle

Application

Used for generating and directing a stream of water, foam or powder



General Specification

- Selection of Constant or Selectable Gallonage Handline Nozzles
- Selectable Gallonage Nozzles have 4 settings
- Standard Material is Anodized Aluminium/ Selected Models are available in Bronze Construction
- All nozzles are NFPA 1964 Compliant/ Selected Models are FM Approved
- Water flow is constant regardless of pattern change
- Multiple pattern detents
- Fog and straight streams
- Flushable without setting down
- Extra-wide fog pattern
- Standard operating pressure: 100 PSI (7 bar)
- Compatible with Foam aeration tubes

Part No. FF12-CQxx-APxx-ILxx-ICxx-SJxx-MCxx-MAXx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Combination:

- (CQ01) Tip only
- (CQ02) Shut off

Inlet Connection:

- (IC01) BS336
- (IC02) NHT

Material:

- (MA01) Bronze
- (MA02) Anodised Aluminium

Approvals:

- (AP01) FM Approval
- (AP02) NFPA Compliant

Settings:

- (SJ01) Constant Gallonage
- (SJ02) Selectable Gallonage

Inlet Size:

- (IL01) 1"
- (IL02) 1-1/2"
- (IL03) 2-1/2"

Max Capacity:

- (MC01) 230 LPM
- (MC02) 475 LPM
- (MC03) 750 LPM
- (MC04) 950 LPM
- (MC05) 1325 LPM

Name

Hose Cabinet

Application

Cabinets are used for housing of fire response equipment. Usually used for storing fire hoses, hoses nozzles and hydrant wrenches.



General Specification

- Material : 0.9mm Mild Steel / Stainless Steel / GRP
- Type : 2 Lengths 2 1/2" x 30m Hose & 1 No. Nozzle
- Overall Dimension : 560mm (W) x 1165mm (H) x 325mm (D)
- Finishing : EPE Powder Coating Red

Part No. FF13-CUxx-MAXx-GLxx-TYxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity:

- (CU01) 2 x 1 1/2" x 30 m hoses
- (CU02) 2 x 2 1/2" x 30m hose

Glass:

- (GL01) Wire mesh
- (GL02) clear glass

Material:

- (MA01) 0.9mm mild steel
- (MA02) 1.2mm mild steel
- (MA03) 1.5mm mild steel
- (MA04) FRP
- (MA05) Stainless Steel 304
- (MA06) Stainless Steel 316

Type:

- (TY01) Single door self standing
- (TY02) single door wall mounted
- (TY03) double door self standing

Standard Range

Name

Dry Chemical Powder Extinguisher



Application

The ABC Dry Powder (or Dry Chemical) charged fire extinguisher is a multi-purpose fire extinguisher and can be used on Class A, B & C fires. They can also be used on electrical fires but leave a residue that may be harmful to sensitive electronics.

General Specification

- Stored pressure design
- Dependable drawn steel cylinders
- Durable high gloss polyester powder paint
- All-metal valve construction
- Temperature range from -65° F to 120° F
- Easy and economical to maintain and service
- Large loop pull pin

Part No. FF14-VAxx-DSxx-APxx-CUxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Valve:

- (VA01) Anodized aluminium
- (VA02) Chromed plated brass

Approvals:

- (AP01) PSB
- (AP02) UL/ FM
- (AP03) MED

Capacity (Availability of Sizes subject to Approvals):

- (CU01) 2.5 lbs/ 1 kg
- (CU02) 5.5 lbs/ 2 kg
- (CU03) 6 lbs/ 3 kg
- (CU04) 10 lbs/ 4 kg
- (CU05) 20 lbs/ 9 kg

Design:

- (DS01) Nozzle
- (DS02) Hose & nozzle

Name

CO2 Extinguisher



Application

CO2 fire extinguishers are suitable for use on class B and electrical fires

General Specification

- All Metal Valve Construction
- Rust free aluminum cylinders
- Durable high-gloss polyester powder paint
- Temperature range from -22°F to 120°F
- Large loop pull pin

Part No. FF15-DSxx-APxx-CUxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Design:

- (DS01) Horn
- (DS02) Hose & horn

- (AP02) UL/ FM
- (AP03) MED

- (CU02) 5 lbs/ 2 kg
- (CU03) 10 lbs/ 5 kg
- (CU04) 15 lbs/ 6 kg
- (CU05) 20 lbs/ 9 kg

Approvals:

- (AP01) PSB

Capacity (Availability of Sizes subject to Approvals):

- (CU01) 2.5 lbs/ 1 kg

Name

Extinguisher Cabinet



Application

Extinguisher cabinets are used for housing and protecting extinguishers from physical damage, tampering and weather.

General Specification

- Material: 0.9mm Mild Steel / Stainless Steel / GRP
- Type: 280mm (W) x 710mm (H) x 280mm (D) (For 9 kg extinguisher cabinet)
- Finishing: Red EPE Powder Coated

Part No. FF16-MAxx-Ilxx-GLxx-CUxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Material:

- (MA01) 0.9mm mild steel
- (MA02) 1.5mm mild steel
- (MA03) stainless steel
- (MA04) FRP

Installation:

- (Il01) Wall mounted
- (Il02) floor standing

Capacity:

- (CU01) 1 x 9kg
- (CU02) 1 x 6 kg
- (CU03) 1 x 2kg
- (CU04) 2 x 9kg

Glass:

- (GL01) Wire mesh
- (GL02) clear glass

UL/ FM Range

Name

Dry Barrel Hydrants



Application

The dry barrel hydrant is drained or pumped dry when the hydrant is not in use. The shut-off valve is located underground. There is no water left above ground after the hydrant has been used, so the hydrant is safe from freezing in cold regions.

General Specification

- Meets or Exceeds all Requirements of AWWA C-502.
- 4½" or 5¼" main valve Opening
- Excellent flow characteristics.
- Monitor Elbow can be Positioned Independently of the Upper Barrel
- Existing Hydrants can be Retrofitted easily and Affordably
- Dirt Shield: Cast Iron ASTM A126, class B
- Stem Lock Nut "O" Ring: Viston, ASTM D2000
- Hydrant Cap/ Bonnet: Cast Iron ASTM A126, Class B
- Hydrant Cap O-Ring: Buna N, ASTM D2000
- Bronze stem Sleeve "O"-Ring: Buna N, ASTM D2000
- Upper stem: Cold Rolled Steel ASTM A108 C1018
- Upper Barrel/ nozzle section: Cast Iron ASTM A126, Class B
- Coupling Pins (2): Stainless Steel, 302 HQ
- Bolts & Nuts (8): Steel, (Zinc Plated) ASTM A307/SAE Grade 2
- O-Ring: Buna N, ASTM D2000
- Lower Barrel: Ductile Iron ANSI/AWWA C151/A21.51
- Drain Valve: Aluminum Bronze ASTM B806 C95400/C95500
- Drain Valve facing with insert: Buna N, Stainless Steel ASTM D2000, ASTM A276 (304)
- Seat Ring Insert/ Reta Bronze ASTM B135 C33000
- Drain Tube: Bronze ASTM B135 C33000
- Drain Valve PIN: Stainless Steel, 410/ 416
- Alemite fitting: Stainless Steel ASTM A276 (304)
- Operating Stem Nut: Bronze ASTM B584 C83600/ C84400
- Allen Head Set Screw Stainless Steel ASTM A276 (410)
- Thrust Washer :Nylatron GS MIL LP-410
- Cap Bolts & Nuts: Steel (Zinc Plated) ASTM A307/SAE Grade 2
- Stem Ferrule: Brass ASTM B135 C26000
- Hydrant Cap "O" Rings: Buna N, ASTM D2000
- Hose/ Pumper Nozzle Cap: Cast Iron ASTM A126, Class B
- Hope/ Pumper Nozzle Cap Gasket: Neoprene, ASTM D2000
- Hose/ Pumper Nozzle Retaining Screw: Stainless Steel ASTM A276 (304)
- Hose Nozzle :Bronze, ASTM B584 C83600
- Hose/ Pumper Nozzle "O"-Ring: Buna N, ASTM D2000
- Nozzle Cap Chain: Steel, ASTM A108
- "S" Hook: Steel, ASTM A108
- Stem Break Coupling: Cast iron ASTM A126, Class B
- Breaking Ring/ Traffic Flange (2 halves): Cast iron ASTM A126, Class B
- Lower Stem: Cold Rolled Steel ASTM A108 C1018
- Elbow Bolts and Nuts (8): 18-8 Stainless Steel, ASTM F593C/ F594
- Elbow "O"-Ring: Buna N, ASTM D2000
- Seat Ring Upper "O"-Ring: Buna N, ASTM D2000
- Seat Ring: Bronze ASTM B584 C83600
- Seat Ring lower "O"-Ring: Buna N, ASTM D2000
- Main Valve: EPDM with Steel Insert ASTM D2000
- Bottom Plate: Cast Iron ASTM A126, Class B
- 250 PSI

Part No. FF17-MNxx-DHxx-UBxx-ICxx-HGxx-SWxx-OOxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Main valve opening:

- (MN01) 4½"
- (MN02) 5¼"

Depth of trench:

- (DH01) 2'6"
- (DH02) 3'0"
- (DH03) 3'6"
- (DH04) 4'0"
- (DH05) 4'6"
- (DH06) 5'0"
- (DH07) 5'6"
- (DH08) 6'0"
- (DH09) 6'6"
- (DH10) 7'0"

Upper barrel configurations:

- (UB01) 1 steamer & 2 hose nozzles
- (UB02) 2 hose nozzles
- (UB03) 2 steamer nozzles
- (UB04) 1 steamer & 3 hose nozzles

Inlet connections:

- (IC01) 6" mechanical joint, flanged, push-on or ring tite elbows
- (IC02) 6" ANSI straight shoe
- (IC03) 6" 250# raised face elbow
- (IC04) 8" mechanical joint or flanged elbow

Hose gate valves:

- (HG01) Bolt-on
- (HG02) Screw-on
- (HG03) None

Salt water protection:

- (SW01) Standard
- (SW02) Fusion bonded coatings
- (SW03) stainless steel stems & fasteners

Open operation:

- (OO01) Clockwise
- (OO02) Counter-clockwise

UL/ FM Range

Name

Wet Barrel Hydrants



Application

Wet Barrel Hydrants are for use in warm climates, where the temperature never drops below 0° C, because the barrel will be constantly filled with water.

General Specification

Manufactured in accordance with AWWA C503

- Hydrant head material: Grey cast iron or Ductile Iron
- Nozzle material: Bronze
- Independently valved ports
- Working pressure: 200 PSI and Test pressure: 400 PSI hydrostatic pressure.
- Meeting NFPA connection requirement
- Coating: Internal Fusion Bonded Epoxy NSF and external
- Polyester powder coat

Part No. FF18-WAxx-HHxx-PCxx-CLxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Upper Barrel Configuration:

- (WA01) 2-way
- (WA02) 3-way

Color:

- (CL01) Hydrant orange standard coat
- (CL02) Others - to be specified

Hydrant head Material:

- (HH01) Grey cast iron
- (HH02) Ductile iron

Protector cap:

- (PC01) Copper alloy
- (PC02) Plastic caps

Name

Fire Department Connections



Application

Used as an auxiliary inlet connection to supplement the fire protection water supply. Drop clappers provide an unobstructed waterway. Flush design desirable when appearance is a factor.

General Specification

Manufactured in accordance with AWWA C503

- Hydrant head material: Grey cast iron or Ductile Iron
- Nozzle material: Bronze
- Independently valved ports
- Working pressure: 200 PSI and Test pressure: 400 PSI hydrostatic pressure.
- Meeting NFPA connection requirement
- Coating: Internal Fusion Bonded Epoxy NSF and external
- Polyester powder coat

Part No. FF19-IAxx-OTxx-FNxx-PExx-LTxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Inlet:

- (IA01) 2-way
- (IA02) 3-way

Finishes:

- (FN01) Cast brass
- (FN02) Polished chrome plated

Lettering:

- (LT01) AUTO. SPKR
- (LT02) STANDPIPE
- (LT03) DRY STANDPIPE
- (LT04) AUTO SPKR. STANDPIPE

Outlet position:

- (OT01) Back
- (OT02) Bottom
- (OT03) Top

Variations:

Plate:

- (PE01) Polished brass plate with lettering
- (PE02) Silcock flange plate with silcock

UL/ FM Range

Name

Hose Rack Assembly



Application

For Class II Service. Used to provide an immediate and more efficient means of fire control. The assembly is capable of one-person operation and accepting the U.S. nationally recognized standard of 100 GPM (378.5 lpm) at 65 PSI (4.5 bars) at the outlet of the valve.

General Specification

- Pressure: 65 PSI
- UL Models: All models in this series
- GPM: 100
- Meets Other Specifications: NFPA/FEMA Class (of Service) II - Occupant Use

Part No. FF20-HLxx-MTxx-FNxx-HYxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Hose length:

- (HL01) 50'
- (HL02) 75'
- (HL03) 100'

Finishes:

- (FN01) Rough Brass
- (FN02) Polished Brass
- (FN03) Rough Chrome Plated
- (FN04) Polished Chrome Plated

Mounting:

- (MT01) Wall bracket
- (MT02) Pipe clamp

Hose Type:

- (HY01) Standard
- (HY02) Synthetic Rubber Lining

Name

Hose Rack Cabinet



Application

Hose Rack Cabinets accommodate 1-1/2" (3.8 cm) fire hose assembly and can be sized bigger for various other accessories such as fire department valves and extinguishers. Cabinets are available in a variety of finishes and door styles.

General Specification

20 ga. box, 20 ga. tubular steel door with 18 ga. frame and a continuous steel hinge (brass pin). Steel corner seams welded and ground smooth. Recessed, semi-recessed and surface mounted cabinets are furnished with .125"/0.31 cm radiused frame. Semi-recessed and surface mounted cabinets are furnished with rolled radius. All components are powder-coated with an electrostatically-applied, thermally-fused, recoatable white polyester finish. Wall mounting and size of cabinet as selected by model number. When Selected, Cabinet is big enough to store an additional extinguisher of size 2.5 Gallon Water Extinguisher, Up to 20 Lbs Dry Chemical Extinguisher or Up to 10 Lbs Carbon Dioxide Extinguisher.

Part No. FF21-WMxx-DJxx-CWxx-DYxx-MCxx-IAxx-AAxx-FRxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Wall mounting:

- (WM01) Recessed
- (WM02) Trimless
- (WM03) Semi-recessed
- (WM04) Surface

- (DY03) Duo-Panel w/ tempered safety glass

- (DY04) Duo-vertical panel w/ tempered safety glass

- (DY05) Duo-vertical panel w/ lock, TSG & Break Rite handle

- (DY06) Tempered safety glass (25 sq.in.) w/ Break Rite handle

- (DY07) Flush solid metal

- (DY08) Flush solid metal w/ lock

- (DY09) Insert panel

Additional Capacity:

- (AA01) Extinguisher
- (AA02) 2.5" Fire Department Valve

Fire Rated:

- (FR01) No
- (FR02) Yes

Door and frame material:

- (DJ01) Aluminium
- (DJ02) Stainless steel
- (DJ03) Brass
- (DJ04) Bronze

Cabinet modifications:

- (CW01) Frameless concealed hinge and handle construction
- (CW02) Horizontal fold cabinet
- (CW03) Duplex cabinet

Max Capacity:

- (MC01) 50 ft hose
- (MC02) 75 ft hose
- (MC03) 100 ft hose

Inlet:

- (IA01) 1-1/2"
- (IA02) 2-1/2"

Door styles:

- (DY01) Full glass, w/ tempered safety glass
- (DY02) Break-glass, w/ lock & Break Rite handle

UL/ FM Range

Name

Hose Reel Assembly



Application

For Class II Service. Used to provide an immediate and more efficient means of fire control. The assembly is capable of one-person operation and accepting the nationally recognized standard of 100 GPM (378.5 lpm) at 65 PSI (4.5 bars) at the outlet of the valve.

General Specification

Material: Powder Coated Steel Reel
 Pressure: 65 PSI
 UL Models: All models in this series
 GPM: 100
 UL: UL Listed
 Meets Other Specifications: NFPA/FEMA Class (of Service) II - Occupant Use
 Capacity: 50' of Poly Flex Hose , 75' of Poly Flex Hose , 100' of Poly Flex Hose

Part No. FF22-HLxx-FNxx-VAxx-VCxx-APxx-NLxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Hose Length:

(HL01) 50 ft
 (HL02) 75 ft
 (HL03) 100 ft

Valves:

(VA01) Standard
 (VA02) Pressure Regulating

Nozzle:

(NL01) None
 (NL02) Plastic
 (NL03) Brass

Finishes:

(FN01) Rough Brass
 (FN02) Polished Brass
 (FN03) Rough Chrome Plated
 (FN04) Polished Chrome Plated

Valve Configuration:

(VC01) Straight
 (VC02) Angle

Approval:

(AP01) UL
 (AP02) None

Name

Air Release Valve
 (Float Operated)



Application

Used to release unwanted air pockets, that collect at each high point of a full pressured pipeline. It maintains system flow efficiency and protects the system against air related surges. These type of air valves are typically installed on fire pump systems to prevent pump cavitation.

General Specification

- Body and Cover Material: Cast Iron ASTM A126 Class B < 300 psig
- Trim Material: Type 316 Stainless Steel
- Coating: Universal Alkyd Primer (external)
- Resilient seating for positive shutoff
- Manufactured under a certified ISO 9001 quality system
- NSF/ ANSI 372 Certified Lead-Free
- NSF/ ANSI 61 Certified for Drinking Water
- Meets AWWA C512 requirements
- UL/ FM Approved for fire pump service

Part No. FF23-BCxx-CGxx-ILxx-OSxx-CJxx-ORxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Body and cover:

(BC01) Cast iron ASTM A126, Class B
 (BC02) Ductile iron ASTM A536
 Grade 65-45-12 stainless
 steel ASTM A351 grade
 CF8M

(IL05) 3" NPT
 (IL06) 6" NPT

(OR03) 5/16"
 (OR04) 23/ 64"

Outlet size:

(OS01) 1/2" NPT
 (OS02) 1" NPT

Coating:

(CG01) Universal alkyd primer
 (external)
 (CG02) Non-stick fusion bonded
 epoxy (internal & external)

CWP psi:

(CJ01) 150
 (CJ02) 175
 (CJ03) 300
 (CJ04) 400
 (CJ05) 500
 (CJ06) 1000

Inlet size:

(IL01) 1/2" NPT
 (IL02) 3/4" NPT
 (IL03) 1" NPT
 (IL04) 2" NPT

Orifice size:

(OR01) 1/2"
 (OR02) 3/16"

Special Hazards Range

Name

Manual Monitors



Application

Manual Monitors are used for directing large volumes of water onto special risk areas for the purpose of fire control or fire extinguishment.

General Specification

Ideal for marine, offshore, industrial and other corrosive environments
Corrosion resistant cast brass construction
Rugged and lightweight monitors with high reliability and minimal maintenance
Standard unit painted red
Available in a large number of capacities, operational styles, inlet configurations
Travel: 140 degree Vertical, 360 degree Rotation
Size: Depending on Capacity, 2.25" (1900 LPM), 2.5" (2900 LPM), 3" (4800 LPM), 6" (7570 LPM)

Part No. FF24-IYxx-CUxx-COxx-STxx-APxx-MAxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Inlet type:

(IY01) Flange - Specify Standard
(IY02) Female thread - Specify Standard

Control Style:

(CO01) Tiller bar
(CO02) Single hand-wheel
(CO03) Double Handwheel

Approval:

(AP01) None
(AP02) FM

Capacity:

(CU01) 1900 LPM
(CU02) 2900 LPM
(CU03) 4800 LPM
(CU04) 7570 LPM

Style:

(ST01) Single Waterway
(ST02) Double Waterway

Material:

(MA01) Brass
(MA02) S/S
(MA03) Al-bronze

Special Hazards Range

Name

Monitor Nozzles - Selectable Gallonage



Application

Selectable Gallonage Monitor Nozzles are combination pattern, master stream nozzles with four distinct, calibrated and selectable flow settings. The nozzles allow fire fighters to switch from smooth bore reach and penetration to fog stream cooling and protection without having to shutdown the water flow to switch tips. The versatile flow setting reduces the risk of injury from manually changing tips on the deck.

General Specification

- Durable Lightweight Alloy Construction or Brass Construction Available
- Selectable flow rate, changeable even under flowing condition
- Multi-flow master stream adjustable to four constant flow setting
- Constant flow rate – straight stream, narrow fog or wide fog
- Combination of fog and straight stream
- Spinning teeth for a full pattern
- Superior reach and penetration
- Heavy duty protective bumper
- 2.5" NHT Inlet unless otherwise specified

Part No. FF25-MAxx-MCxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Material:

(MA01) Anodized Aluminium
(MA02) Brass

Approval:

(AP01) None
(AP02) FM

Capacity:

(MC01) 500 - 1000 - 1500 - 2000 LPM
(MC02) 1200 - 1600 - 2000 - 2400 LPM
(MC03) 1325 - 1900 - 2900 - 3800 LPM
(MC04) 1900 - 2900 - 3800 - 4800 LPM
(MC05) 7600 LPM (Only available as constant gallonage -3-1/2" Inlet Connection)

Name

Monitor Nozzles - Adjustable Baffle



Application

Adjustable Flow-Baffle Monitor Nozzles are combination pattern, master stream nozzles with selectable flow settings. Flow is adjusted by a simple press-turn motion of the outer spring loaded baffle and rotating to the laser etched position for the desired flow. Nozzles must be shut down to change settings. The nozzles have excellent straight stream performance and a wide, dense, fully adjustable fog pattern

General Specification

- Adjustable under no flow condition
- Combination straight stream and variable fog pattern
- Wide fog pattern, dense and fully adjustable,
- Vary flow pattern by easy turn of the baffle - 3 flow settings
- Available in lightweight alloy and brass construction
- Inlet Size depending on capacity: 1.5" up to 1325 LPM, 2.5" up to 3800 LPM

Part No. FF26-MAxx-MCxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Material:

(MA01) Anodized Aluminium
(MA02) Brass

Approval:

(AP01) None
(AP02) FM

Capacity:

(MC01) 56 - 115 - 170 LPM
(MC02) 230 - 360 - 475 LPM
(MC03) 750 - 950 - 1325 LPM
(MC04) 950 - 1325 - 1900 LPM
(MC05) 1140 - 1900 - 2660 LPM
(MC06) 1140 - 1900 - 3030 - 3800 LPM

Special Hazards Range

Name

Self Inducting Monitor Nozzles



Application

A master stream nozzle with "built-in" inductor. Installation of a self inducting nozzle turns an existing water monitor into a foam station. Adjustable from straight stream to fog. Interchangeable foam orifice plates provided with some nozzles for variable foam induction rates.

General Specification

- Brass Construction
- Metering orifice allows for either 1/2%, 1%, 3% or 6% pick up rate
- Complete with 8 foot 1.5" diameter foam pick up hose with quick change coupling and cap
- Designed for use with Class A and B foam, including AFFF and fluoroprotein
- Flow rates up to 750 GPM (2900 LPM)
- Water Inlet: 2-1/2" (65mm)
- Foam inlet: Quick connection
- Length: 5.7" (145 mm)
- Weight: 21.5 Lbs (9.8 kg)
- Designed for use with Class A and B foam
- Configurable foam proportioning with pre-set options
- Combination of straight stream and variable fog patterns
- Interchangeable foam orifice inserts enable variable foam proportioning

Part No. FF27-AXxx-MXxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Accessory:

- (AX01) 8' pickup hose
- (AX02) Drum pickup kit c/w 1m rigid PVC tube with shutoff capability and 8' pickup hose

Capacity:

- (MC01) 1325 LPM
- (MC02) 1900 LPM
- (MC03) 1325-1900-2900 LPM (Selectable gallonage)

Name

Electric Remote Controlled Monitors



Application

Electric monitors are designed to meet all requirements of municipal and petrochemical applications. The balanced flow single waterway design and precision machining on swivel joints reduces friction loss while improving stream and distance, and ensures ease of operation at all pressure/ flow ranges.

General Specification

Carbon Steel construction with 304 stainless steel swivels. Standard red polyester powder coating inside and out protect against corrosion. Type 304 stainless steel ball bearings in joints ensure easy movement and reliable operation.

Zerk fitting for lubrication

340° horizontal and 135° vertical travel

Interchangeable foam orifice inserts enable variable foam proportioning

Part No. FF28-VLxx-DGxx-GAxx-SHxx-EXxx-RMxx-WRxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Volts:

- (VL01) 12
- (VL02) 24

Shut off valve:

- (SH01) No
- (SH02) Yes

Wireless Compatibility:

- (WR01) No
- (WR02) Yes - Specify Type

Drainage provision:

- (DG01) No
- (DG02) Yes

Explosion Proof:

- (EX01) No
- (EX02) Yes - Specify Hazardous Zone Classification

Max Capacity:

Customer to Specify

Gauge and guard:

- (GA01) No
- (GA02) Yes

Remote Control Customisation:

- (RM01) No
- (RM02) Yes - Specify Type

Special Hazards Range

Name

Electric Remote Controlled Monitor Nozzles



Application

Electrically operated monitor nozzles for use in remote control applications. Nozzles easily change from solid bore to fog with the flick of the switch without shutting down. Standard 24V motor (or 12V on request) is totally enclosed and sealed and features manual override when electrical power fails.

General Specification

- Combination fog and solid bore
- Hardcoat anodized aluminum
- Fixed teeth
- Selectable

Part No. FF29-VLxx-EXxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Volts:

(VL01) 12
(VL02) 24

Max Capacity:

Customer to Specify

Explosion Proof:

(EX01) No
(EX02) Yes - Specify Hazardous Zone Classification

Name

Continuous Flow Hose Reel Station



Application

Hose Reel Stations are suitable for use in fire engine, off shore platform, petrol chemical plant, refinery and hazardous industries.

General Specification

- Material of drum, rims and universal mounting stand: Red glossy polyester coated steel
- Inlet Size - 1-1/2"
- Outlet size - 1-1/2"
- Weight - 60 Lbs
- Multiple ply synthetic rubber hose
- Working pressure - 150 lb
- Proof test pressure - 300 lb
- Burst test pressure - 600 lb

Part No. FF30-ILxx-OSxx-HOxx-CUxx-VAxx-CWxx-FHxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Inlet size:

(IL01) 1"
(IL02) 1 1/2"

Hose Capacity:

(CU01) 50'
(CU02) 75'
(CU03) 100'
(CU04) 125'
(CU05) 150'
(CU06) 200'

Cabinet:

(CW01) Exclude
(CW02) Include - Specify Type

Outlet size:

(OS01) 1"
(OS02) 1 1/2"

Flexible Hose:

(FH01) Include
(FH02) Exclude

Hose size:

(HO01) 3/4"
(HO02) 1"
(HO03) 1 1/2"

Valve:

(VA01) Exclude
(VA02) Standard
(VA03) Pressure Regulating

Special Hazards Range

Name

Mobile Foam Unit



Application

Mobile Foam Unit is used for effective quick application of foam to fight spill fires in high risk areas such as storage tanks, loading terminals, port areas, hazardous goods storage, and similar high risk zones.

General Specification

- Trolley: Mild Steel, RED EPE Powder Coated
- Tank: Fiber Glass or Stainless Steel
- Inductor: 0% – 6% at 225 Lt/Min
- Foam Branchpipe: Aluminum Alloy Male Instantaneous Connection to BS336
- Hose: Two length of 38mm X 15 meter Fire Hose
- Capacity: 120 L for approximately 16 minutes of run time at 3% induction, 225 LPM flow
- Excludes foam concentrate

Part No. FF34-TAxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Tank:

- (TA01) Fiberglass
- (TA02) Stainless steel

Name

Portable Inductors



Application

Portable Inductors provide the means for accurate induction of Foam concentrate into the water stream for operation of handline nozzles and branchpipes.

General Specification

- Material: Aluminium Alloy
- Expansion Ratio: 15X
- Inlet: 2 ½" (65mm) Male Instantaneous to BS336
- Working Pressure: 5-10 Bar

Part No. FF35-CUxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity:

- (CU01) 225 LPM
- (CU02) 450 LPM

Name

Foam Branchpipe



Application

Low expansion foam branchpipes are suitable for use on hydrocarbon fires and come with optional self-inductor for 0 to 6% foam proportioning.

General Specification

- Material: Aluminium Alloy
- Expansion Ratio: 15X
- Inlet: 2 ½" (65mm) Male Instantaneous to BS336
- Working Pressure: 5-10 Bar

Part No. FF36-CFxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Configuration:

- (CF01) Premixed foam branchpipe w/o pick up tube
- (CF02) Foam branchpipe c/w pick up tube and stainless steel piercer

Special Hazards Range

Name

Wheeled Dry chemical powder Extinguisher



Application

For special hazard use wheeled extinguishers for delivery of greater quantities of extinguishant. Our wheeled extinguishers have a carriage design which provides cage type protection for the agent cylinder as well as a well balanced platform for transportation and operation.

Different dry chemical agents area available for different hazards.

Use Purple K Dry Chemical Powder Purple K for risks that involve Class B flammable liquids and pressurized gases. Purple K is often used in the oil, gas, chemical and utilities industries as the preferred fire-fighting agent.

General Specification

- Stainless steel collars
- Chrome-plated brass fill caps
- Brass hose fittings
- Live swivels on discharge valve
- Heavy duty steel cylinder, carriage and hose rack
- Lifting eyes
- Instructional label
- DOT/TC nitrogen cylinder with quick opening brass valve
- Chrome-plated brass regulator

Part No. FF37-CUxx-AGxx-STxx-WHxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity:

- (CU01) 50 lb
- (CU02) 125 lb
- (CU03) 150 lb
- (CU04) 250 lb

Style:

- (ST01) Standard
- (ST02) Stationary Design

Approval:

- (AP01) UL
- (AP02) Kitemark
- (AP03) MED

Agent:

- (AG01) ABC
- (AG02) Regular
- (AG03) Purple K

Wheels:

- (WH01) Standard
- (WH02) Non-sparking Rubber treads
 - only available for 250 lb extinguishers

Name

Wheeled Carbon dioxide Extinguisher



Application

For special hazards, use wheeled extinguishers for delivery of greater amount of extinguishant. Carbon Dioxide is discharged as a white cloud of "snow" which smothers a fire by eliminating its oxygen. CO2 is a clean, non-contaminating, odorless gas, safe for use on clothing, equipment, valuable documents or food.

General Specification

- Heavy duty steel carriages
- Quick opening brass valve
- Squeeze grip chrome-plated discharge valve
- Reinforced wire-braided hose and shock-resistant horn to reduce static electricity
- Brass hose fittings
- Instructional label
- DOT/TC cylinder with quick opening brass valve
- Clean, non-contaminating, odorless gas

Part No. FF38-CUxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity (lbs.):

- (CU01) 50
- (CU02) 100

Approval:

- (AP01) UL
- (AP02) Kitemark
- (AP03) MED

Special Hazards Range

Name

Wheeled Foam Extinguisher



Application

For special hazards, use wheeled extinguishers for delivery of greater amount of extinguishant. Wheeled Foam Extinguishers contains a premixed alcohol resistant AFFF foam which is highly effective on Class B fuel fires and a penetrating and wetting agent on fires involving Class A materials. Excellent when used as a vapor suppressant on fuel spills to prevent ignition.

General Specification

- Stainless steel collars
- Contains a premixed alcohol resistant AFFF ATC foam
- Chrome-plated brass fill caps
- Brass hose fittings
- Live swivels on discharge valve
- Heavy duty steel cylinder, carriage and hose rack
- Instructional label
- DOT/ TC nitrogen cylinder with quick opening brass valve

Part No. FF39-CUxx-WHxx-STxx-AXxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity:

(CU01) 33 Gallons

Accessories:

(AX01) Standard

(AX02) Fill Cap with Pressure Indicator

Wheels:

(WH01) Standard

(WH02) Non Sparking rubber treads

Approval:

(AP01) UL

(AP02) Kitemark

(AP03) MED

Style:

(ST01) Standard

(ST02) Stationary Design

Name

Foam Portable Extinguisher



Application

Foam Portable Extinguishers are effective on fires in a wide variety of Class B materials such as alcohols, polar solvents, hydrocarbons and combinations such as gasohol.

General Specification

- Stored pressure design
- Polished stainless steel cylinders
- All metal valve construction
- Exclusive crevice-free, butt-welded cylinders
- Temperature range from 40°F to 120°F
- Leaves no powder residue
- Maximum visibility during discharge
- Large loop stainless steel pull pin

Part No. FF40-CUxx-NLxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity:

(CU01) 6 liter

(CU02) 9 Liter

Approval:

(AP01) UL

(AP02) Kitemark

(AP03) MED

Nozzle:

(NL01) Aspirated

(NL02) Non-aspirated

Special Hazards Range

Name

Halotron Portable Extinguisher



Application

HALOTRON I is a "Clean Agent" HydroChloroFluoroCarbon (HCFC) discharged as a rapidly evaporating liquid which leaves no residue. It effectively extinguishes Class A and B fires by cooling and smothering and it will not conduct electricity back to the operator. Halotron is pressurized with Argon gas and is an EPA and FAA approved agent suitable for use on Class A, B and C fires.

General Specification

- Stored pressure design
- Most Widely used Halon 1211 replacement agent
- Dependable drawn steel cylinders
- Durable high gloss polyester powder paint
- All-metal valve construction
- Temperature range from -40°F to 120°F
- EPA approved "clean agent" for Class A and Band C hazards
- Low GWP (Global Warming Potential)
- Low ODP (Ozone Depletion Potential)
- Short atmospheric lifetime
- Maximum visibility during discharge
- Large loop pull pin
- No electrical conductivity back to the operator
- No thermal or static shock
- Leaves no residue
- 5 lb., 11 lb. and 15 ½ lb. extinguishers are USCG-approved with bracket listed on UL label
- Large loop stainless steel pull pin

Part No. FF41-VAxx-DSxx-CUxx-BBxx-APxx

For enquiries and orders, select the options below and complete the part number by replacing each 'xx' with the relevant option number.

Capacity:

Valve:
(VA01) Anodized aluminium
(VA02) Chromed brass

Design:

(DS01) Nozzle
(DS02) Hose & nozzle

Capacity (lbs.):

(CU01) 1.4
(CU02) 2.5
(CU03) 5
(CU04) 5.5

(CU05) 11
(CU06) 15.5

Bracket:

(BB01) Vehicle
(BB02) Aircraft
(BB03) Wall

Approval:

(AP01) UL
(AP02) Kitemark
(AP03) MED

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