



# FIRE FIGHTING EQUIPMENT



# FIRE EXTINGUISHER

## DRY POWDER PORTABLE FIRE EXTINGUISHER



**EED-1   EED-2   EED-3   EED-4   EED-6   EED-9   EED-12**

MODEL	EED-1	EED-2	EED-3	EED-4	EED-6	EED-9	EED-12
TYPE	Stored Pressure Type						
EXTINGUISHANT	Dry Powder						
CAPACITY	1.0kg	2.0kg	3.0kg	4.0kg	6.0kg	9.0kg	12.0kg
PROPELLANT	Nitrogen						
VALVE	Non ferrous, Aluminum valve with pressure gauge						
BODY DIAMETER	79mm	110mm	130mm	130mm	158mm	178mm	188mm
OVERALL HEIGHT	325mm	370mm	425mm	525mm	525mm	587mm	695mm
APPROX. FULL WEIGHT	1.7kg	3.3kg	5kg	6.3kg	9.3kg	13.1kg	17.6kg
WORKING TEMP. RANGE	-20°C to +60°C						
WORKING PRESSURE	12 Bar @ 27°C						
TEST PRESSURE	25 Bar						
BURST PRESSURE	Exceed 69 Bar						
APPROX. DISCHARGE RANGE	2m	2.5m	4m	5m	5m	7m	7m
APPROX. DISCHARGE TIME	7s	12s	12s	15s	16s	18s	30s
FIRE RATING	5A:34B	13A:55B	13A:89B	21A:113B	43A:233B	43A:233B	43A:233B
COATING (INTERNAL)	Stoving Epoxy Primer						
PAINT FINISHING	Ral 3000 Flame Red Polyester Powder Coating						
MOUNTING*	Plastic Bracket			Metal 'L' Wall Bracket			
MANUFACTURED & CERTIFIED TO	SS EN3: 2012						

\*Bracket with steel securing strap and steel cabinets for all sizes are available separately

# FIRE EXTINGUISHER

## CARBON DIOXIDE PORTABLE FIRE EXTINGUISHER



EEC-2e2

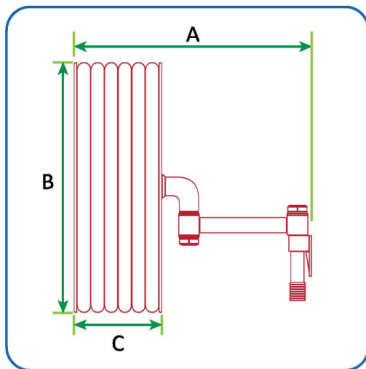
EEC-5e1

MODEL	EEC-2e2	EEC-5e1
BODY MATERIAL	Cromoly Steel	
EXTINGUISHANT	Carbon Dioxide	
CAPACITY	2kg	5kg
VALVE	CE Marked Chrome Plated Brass Valve	
BODY DIAMETER	105mm	138mm
OVERALL HEIGHT	567mm	747mm
APPROX. FULL WEIGHT	6.7kg	15.0kg
WORKING TEMP. RANGE	-20°C to +60°C	
WORKING PRESSURE	56 Bar @ +20°C (165 Bar @ +60°C)	
TEST PRESSURE	250 Bar	
BURST PRESSURE	180 to 250 Bar	200 to 250 Bar
APPROX. DISCHARGE RANGE	3m	
APPROX. DISCHARGE TIME	10s	20s
FIRE RATING	34B	55B
CYLINDER SPECIFICATION	BS 5045 Part 7/IEC Directive 84/525/EEC	
PAINT FINISHING	Ral 3000 Flame Red Polyester Powder Coating	
MOUNTING	Metal 'L' Wall Bracket	
MANUFACTURED & CERTIFIED TO	SS EN3: 2012	

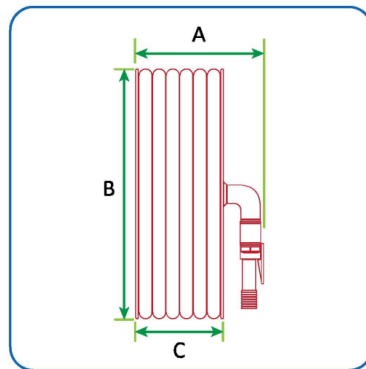
\*Steel cabinets for all sizes are available separately.

# FIRE HOSE REELS

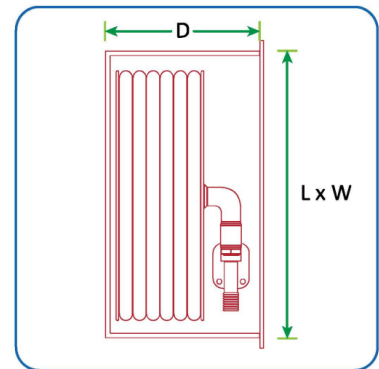
## MANUAL SWING TYPE FIRE HOSE REELS - DIE CAST



SWING



CLOSE



RECESS

MODEL	EH25-SDM-12GI*
DISC DIAMETER	565mm
INLET CONNECTION	Die Cast Swing Arm 1" BSP
HOSE SIZE	25mm x 30mm
SWING DIMENSION (A x B x C)	525mm x 565mm x 190mm
CLOSE DIMENSION (A x B x C)	280mm x 565mm x 190mm
RECESS DIMENSION (L x W x D)	760mm x 760mm x 320mm
MAXIMUM WORKING / TEST PRESSURE	12 Bar / 18 Bar
STANDARD NOZZLE TYPE	Brass or Nylon Jet / Spray Nozzle
NOZZLE ORFICE	7mm
MINIMUM FLOW RATE @ 4 BAR	44L/min
DRUM FINISHING	Ral 3000 Flame Red Epoxy Polyester Powder Coating
MANUFACTURED & CERTIFIED TO	EN 671-1: 2012

\*CE or TUV SUD PSB Approved only  
 Note: 1. Various type of nozzle and hose length are available upon request.  
 2. Horizontal bar hose reel is available upon request.

# VALVE

## OBLIQUE LANDING VALVE (HV005-S/HV005-F)

### PRODUCT DESCRIPTION

The HV005-S/HV005-F is a low pressure classified oblique type landing valve to the BS5041 Part 1 standard. It is suitable for used in fire service departments, petroleum, oil, gas and chemical industries, buildings, factories, refineries, aircraft hangar and ports.

### KEY FEATURES AND BENEFITS

- Comply to BS5041 Part 1 Standard
- BSI Kitemark / TUV SUD PSB Approved
- Gunmetal construction
- Working pressure up to 15 Bar
- Designed to minimal friction loss and efficient flow
- Available in Flange or Screw Threaded Inlet
- Easy to handle and operate



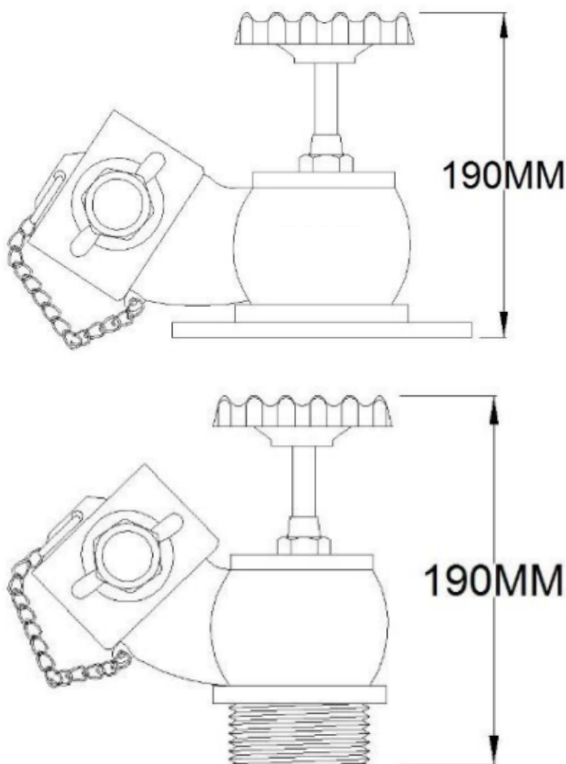
### GENERAL SPECIFICATIONS

Body	Copper Alloy to BS1400
Handwheel	Aluminum Alloy to BS1490
Inlet	2 1/2" BSPT/PN16 Flange
Outlet	2 1/2" Female Instantaneous to BS336

Working Pressure	15 Bar (290 psi)
Seat Test Pressure	16.5 Bar (319 psi)
Body Test	22.5 Bar (435 psi)
Total Weight	4.2kg (HV005-S) & 6.6kg (HV007-F)

\*Other international inlet & outlet connection are available upon request.

### DRAWING



\*Dimension as per shown

### CERTIFICATE OF CONFORMITY

	
<b>CERTIFICATE OF CONFORMITY</b>	
No. CLS1A 080615 0012 Rev. 00	
Initial No. -	
Certificate Holder:	Kolling Marketing Sdn Bhd Sg Buloh AL 282 Kampung Baru 47000 Selangor MALAYSIA
Certification Mark:	
Product:	Landing Valves
Brand Name:	KOLLING, MAPLE, EVEREADY
Model(s):	HV005-S (Screw End), HV005-F (Flange End) HV007-S (Screw End), HV007-F (Flange End)
Product Details:	Oblique Landing Valve Bib Nosed Landing Valve
Standard(s):	BS 5041-1:1987
Country of Origin:	Malaysia
Test Report(s):	7191133380-MEC16/01-TSM, 7191133380-MEC16/02-TSM, 7191133380-MEC16/03-TSM, 7191133380-MEC16/04-TSM
Valid until:	2024-10-09
Products listed under Class 1A must have TUV SUD PSB PLS mark as shown above affixed/printed on them. Failure to comply with this requirement may result in revocation of this certificate.	
Page 1 of 1	
Issued on:	2019-12-18
 Vice-President (Certification Department) TUV SUD PSB	
This Certificate is part of a full Report and should be read in conjunction with it. This Certificate remains the property of TUV SUD PSB Pte Ltd and shall be returned upon request. The use of this Certificate is subjected to TUV SUD Group Testing and Certification Regulations; TUV SUD PSB Pte Ltd (PSB) General Terms and Conditions of Business and PSB Product Listing Scheme (PLS) Application Fact Sheet. The manufacturer is solely responsible for compliance of any product that has the same designation as the product type-tested. Persons relying on this Certificate should verify its validity by checking TUV SUD PSB's website at <a href="http://www.tuv-sud-psb.sg">www.tuv-sud-psb.sg</a>	
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# VALVE

## PRESSURE REGULATING VALVE (HV007-S)

### PRODUCT CONCEPT

The HV007-S is a BSI Kitemark approved pressure regulating valve under the BS5041 Part 1 standard. It is a three chamber pressure regulating valve that offers simplified pressure regulating with precise pressure during operation. It is suitable for the used in fire service departments, petroleum, oil, gas and chemical industries, buildings, factories, aircraft hangar and ports.

### KEY FEATURES AND BENEFITS

- Self-regulated control for stable outlet pressure and flow
- Maintain constant outlet pressure preventing hazard or damages to firefighting personnel and equipment
- Valve bodies and internals designed for 20 Bar working pressure
- No setting is required on site for inlet pressure between 5.7 Bar to 20 Bar
- Innovative design with minimal friction loss and efficient flow
- Tapered rubber seal valve seat
- Two function in one equipment

### GENERAL SPECIFICATIONS

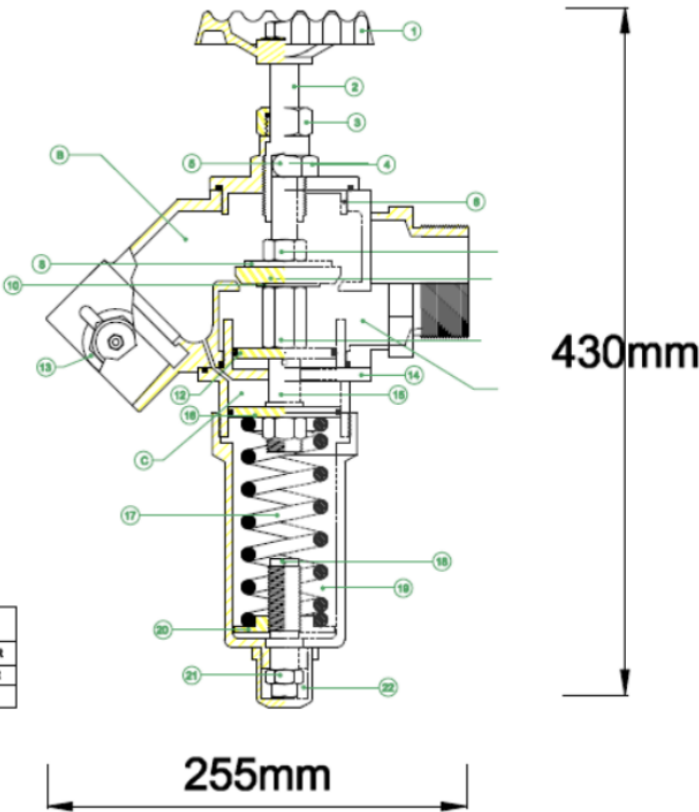
Body	Copper Alloy to BS1400
Handwheel	Aluminum Alloy to BS1490
Inlet	2 1/2" BSPT/PN16 Flange
Outlet	2 1/2" Female Instantaneous to BS336

Working Pressure	20 Bar (290 psi)
Seat Test Pressure	22 Bar (319 psi)
Body Test	30 Bar (435 psi)

### DATA SHEET

ITEM	DESCRIPTION
1	HANDWHEEL
2	STEM
3	GLAND NUT
4	BONNET
5	STEEL BALL
6	BODY
7	SPINDLE LOCK NUT
8	DISK
9	DISK SEAL
10	BRASS WASHER
11	CENTER SPINDLE
12	PISTON DISK A
13	BAR LUG
14	PISTON ADAPTOR BODY
15	CENTER PISTON STEM
16	PISTON DISK B
17	SPRING BALANCE
18	SPRING SPINDEL
19	SPRING BONNET
20	SPRING DISK
21	12MM NUT
22	CAP

ITEM	DESCRIPTION
A	HIGH PRESSURE CHAMBER
B	LOW PRESSURE CHAMBER
C	REGULATING CHAMBER



# BREECHING INLET

## TWO WAY BREECHING INLET (DC707-S)

### PRODUCT DESCRIPTION

The two-way breeching inlets are manufactured to the BS5041: Pt 3 standard. It is typically installed at ground level to provide a connection to the water supply.

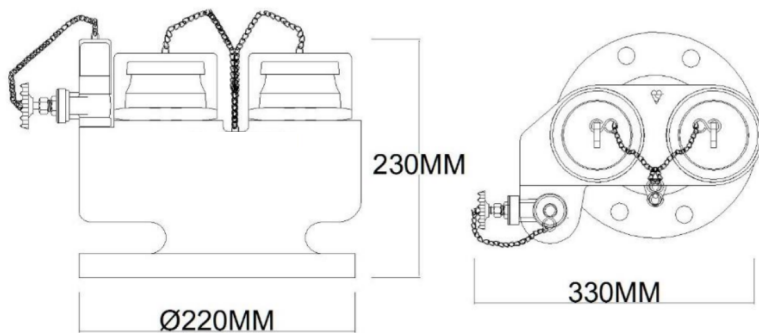
### KEY FEATURES AND BENEFITS

- Approved by BSI Kitemark and TUV SUD PSB
- Innovative design with minimal friction loss and efficient flow
- Spheroidal graphite iron body
- BS1400 Gunmetal LG2 Inlet connections
- Available in red or yellow finishing

### GENERAL SPECIFICATIONS

Body	Spheroidal Graphite Iron to BS2789	Test Pressure	20 Bar
Inlet	Male Instantaneous to BS336, Copper Alloy to BS1400	Working Pressure	10 Bar
Outlet	PN16 to BS4504 / ANSI CL150 FF	Total Weight	16kg

### DRAWING



\*Dimension as per shown

## FOUR WAY BREECHING INLET (DC708-S)

### PRODUCT DESCRIPTION

The four way breeching inlet is normally installed outside of the building to supply water from the fire pump, so as to boost pressure on the buildings fire sprinkler pipeline. This model has 4 inlet sizes at 2 1/2" male instantaneous to BS336 including set of cap and chains. It is also fitted with non-return valves, a 1" drain valve. This equipment can be installed either in vertical or horizontal position.

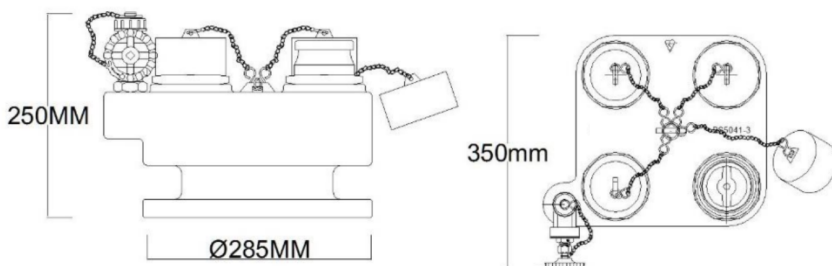
### KEY FEATURES AND BENEFITS

- Maximum test pressure: 20 Bar
- Working pressure: Up to 10 Bar
- Strong and Durable designed
- Innovative design with minimal friction loss and efficient flow
- Available in red or yellow finishing
- Sizes available: 2 1/2" inlet, 4" or 6" Flange Outlet

### GENERAL SPECIFICATIONS

Body	Spheroidal Graphite Iron to BS2789	Seat Test Pressure	20 Bar
Inlet	Male Instantaneous to BS336, Copper Alloy to BS1400	Total Weight	32kg
Outlet	ANSI 150 FF / PN16 to BS504		

### DRAWING



\*Dimension as per shown



# CABINETS

## WALL MOUNTED FIRE HOSE CABINET (SINGLE HOSE)

### SPECIFICATIONS

Size	650mm x 600mm x 250mm
Material	Mild Steel (1.2mm)
Wording	Fire Hose
Lock Type	Spring Lock
Colour	Red



The Fire Hose Cabinet comes with a viewing glass to allow breakage and access to fire hose in case of emergency. There are 4 mounting holes on the back plate to assist in mounting.

\*Customized sizes, stainless steel material (SS306 and SS316) and various locking mechanisms are available upon request.

## HOSE REEL CABINET

**Features** Wall mounted fire hose reel cabinet that will fit all standard sized hose reels. Comes with a viewing glass and various lock types: Plastic Twist Lock, Lock & Key, Spring lock. Comes without back plate for wall mounting.

**Dimensions** 800mm (H) x 800mm (W) x 350mm (D)

**Material** Mild steel  
Thickness 1.0mm  
3mm Viewing Glass  
Painted Red with Epoxy Coating  
  
304 Stainless Steel 1.0mm (available)  
316 Stainless Steel 1.0mm (available)

**Variants** Sloped Roof or Weather Proof Type  
Covered back  
No viewing glass



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