



KOLLING®

Fire Appliances Manufacturer. Brass And Aluminium Founder.

6th EDITION

fire hose reels | hose rack | cabinet | nozzle |
pedestal hydrant | hydrant valve | couplings |
adaptor | foam monitor | foam inductor |
mobile foam unit | fire brigade equipment |
foam or water monitor trailer

INTRODUCTION

Fire Appliances Manufacturer. Brass and Aluminium Founder

Kolling Engineering Sdn Bhd, established in 1973, is one of the leading manufacturers of fire equipment in the country. In the late 70's, Kolling foundry was founded for the production of fire equipments.

The range of products manufactured including fire hose reels, hose racks, cabinets, nozzles, pedestal hydrants, hydrant valves, couplings, adaptors, foam monitors, foam inductors, mobile foam units, fire brigade equipment and foam/water monitor trailers.

With years of experience, Kolling is capable of designing and manufactured reliable fire equipment to meet international standards such as British Standard (BS), European Standard (EN), Australian Standard (AS), Underwriter Laboratories Standards (UL), Malaysian Standard (MS), and European Conformity (CE). Our facilities are certified to meet ISO 9001:2008, EN ISO 9001:2008, BS EN ISO 9001:2008 and MS ISO 9001:2008 for designing and manufacturing of Fire fighting equipment by Lloyds Register Quality Assurance. Product listing schemes on our manufacturing facilities such as quality system & factory production system are audited by BSI Kitemark, PSB Singapore and SIRIM Malaysia respectively. Kolling is certified by Underwriter laboratories Inc. to produce components to standard equipment.

Kolling fire equipment are widely used in the Fire Service Departments, Petroleum & Chemical Industries, Buildings & Factories, Aircraft hangar & Ports. Our products are also exported worldwide for private & public sector usage. We assure to provide quality safety equipment with optimum performance.

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Model B

GENERAL SPECIFICATIONS

Inlet : 3/4" (19mm) or 1" (25mm) BSP Thread
 Outlet Connection to Hose: 3/4" (19mm) or 1" (25mm) Serrated
 Waterway : Aluminium Alloy and GI Coated Steel against Corrosions
 Working Pressure : 12 bar (217 psi)
 Test Pressure : 18 Bar (261 psi)
 Arm Type Material : Steel EPE Powder Coated or Stainless Steel
 Side plate : Mild Steel & EPE Powder Coated.

* Stainless Steel is also available on request.



Model S

GENERAL SPECIFICATIONS

Inlet : 3/4" (19mm) or 1" (25mm) BSP Thread
 Outlet Connection to Hose: 3/4" (19mm) or 1" (25mm) Serrated
 Waterway : Aluminium Alloy and GI Coated Steel against Corrosions
 Working Pressure : 12 bar (217 psi)
 Test Pressure : 18 Bar (261 psi)
 Arm Type Material : Aluminium Alloy to BS 1490
 Side plate : Mild Steel & EPE Powder Coated.

* Stainless Steel is also available on request.



FIRE HOSE REELS

Kolling Fire Hose Reels are designed and constructed to conform to European Standard (EN) 671-1-2001 and listed under the Singapore, Malaysia and BSI Kitemark product listing scheme, the certification authorities carry out regular inspections on our manufacturing facilities, auditing of quality system and factory production system.

Each unit of our Fire Hose Reel go through hydrostatic pressure test and regular random performance test to ensure reliability and compliance to the standards.

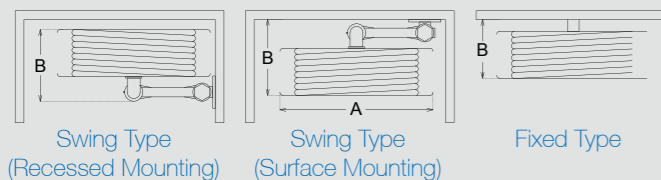
Kolling manufactures a wide range of Fire Hose Reels, with choices of manual or automatic, swing or fixed type.

Manual fire hose reels for both swing and fixed type consist of manual inlet stop valve, a reel with water supplied through the centre, while the automatic fire hose reels has an inlet, a reel with an automatic inlet stop valve, water supplied through the centre and automatic valve will fully open in less than three (3) complete revolution of the reel.

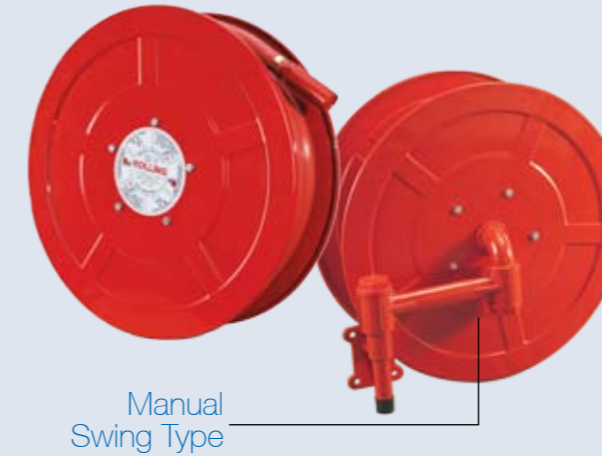
Kolling swing type hose reels consist of a double 180 deg. Swivel joints, a reel capable of rotating and swinging in more than one plane, this enables the fire hose reel to be installed in steel cabinet and on recess wall, while the fixed type hose reel capable of rotating in one plane comes with a hose guide which allows withdrawal of hose in any direction.

Kolling hose reels can be supplied complete with semi rigid hose, hose clip, brass jet nozzle, jet and spray or plastic nozzle, manual inlet stop valve and hose guide (Fixed Type).

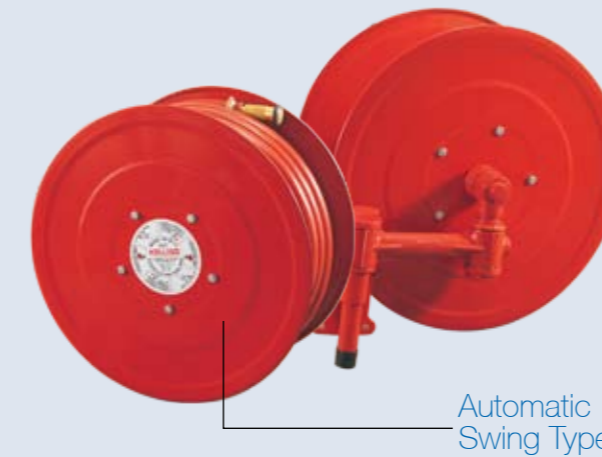
Model B



Product	Code	Hose Length	Width between drums		
			MM(") X Mtrs	mm	A
Swing Type Manual Hose Reel	HR501-25B	25(1") x 30	232	540	310
	HR518-25B	25(1") x 30	170	600	250
	HR518-19B	19(3/4") x 30	152	600	230
	HR534-19B	19(3/4") x 30	170	540	250
	HR539-25B	25(1") x 30	232	485	310
Swing Type Automatic Hose Reel	HR519-25B	25(1") x 30	170	600	250
	HR519-19B	19(3/4") x 30	152	600	230
	HR531-25B	25(1") x 30	232	540	310
	HR531-19B	19(3/4") x 30	170	540	250
	HR540-25B	25(1") x 30	232	485	310
HR540-19B	19(3/4") x 30	170	485	250	



Manual Swing Type



Automatic Swing Type

Fixed Type



Product	Code	Hose Length	Width between drums		
			MM(") X Mtrs	mm	A
Swing Type Manual Hose Reel	HR501-S25	25(1") x 30	232	540	350
	HR501-S19	19(3/4") x 30	232	540	350
	HR521-S25	25(1") x 30	232	485	350
	HR521-S19	19(3/4") x 30	170	540	290
	HR533-S25	25(1") x 30	170	540	290
	HR533-S19	19(3/4") x 30	152	540	270
	HR534-S25	25(1") x 30	208	540	330
	HR534-S19	19(3/4") x 30	170	540	290
	HR535-S25	25(1") x 30	170	600	290
HR535-S19	19(3/4") x 30	152	600	270	

Product	Code	Hose Length	Width between drums		
			MM(") X Mtrs	mm	A
Swing Type Automatic Hose Reel	HR516-S25	25(1") x 30	232	540	350
	HR516-S19	19(3/4") x 30	232	540	350
	HR523-S25	25(1") x 30	232	485	350
	HR523-S19	19(3/4") x 30	170	485	290
	HR536-S25	25(1") x 30	170	540	290
	HR536-S19	19(3/4") x 30	152	540	270
	HR537-S25	25(1") x 30	208	540	330
	HR537-S19	19(3/4") x 30	170	540	290
	HR538-S25	25(1") x 30	152	600	270
HR538-S19	19(3/4") x 30	152	600	270	

Product	Code	Hose Length	Width between drums		
			MM(") X Mtrs	mm	A
Fixed Type Manual Hose Reel	HR505-S25	25(1") x 30	232	540	295
	HR505-S19	19(3/4") x 30	170	540	235
	HR522-S25	25(1") x 30	152	600	215
	HR522-S19	19(3/4") x 30	152	600	215
	HR525-S25	25(1") x 30	170	540	235
	HR525-S19	19(3/4") x 30	152	485	215
Fixed Type Automatic Hose Reel	HR517-S25	25(1") x 30	232	540	295
	HR517-S19	19(3/4") x 30	170	540	235
	HR524-S25	25(1") x 30	170	540	235
	HR524-S19	19(3/4") x 30	152	485	215
	HR526-S25	25(1") x 30	152	600	215

HOSE REEL HOSE, NOZZLE & HANDLINE NOZZLE



HOSE (HOSE REEL)

Kolling manufacture 3/4" (19mm) and 1" (25mm) fire hose reel hose conform to European Standard (EN) 694. Available in Red and Black.

GENERAL SPECIFICATIONS

Working Pressure : 12 bar (175 psi)
 Test Pressure : 18 bar (261 psi)
 Minimum Burst Pressure : 43 bar (623 psi)



HR 508/R

HR 508/B

NOZZLE BOX

Code	Description	Material
HR 511	Nozzle Box	Mild Steel

Dimension : 130mm (W) x 130mm (H) x 55mm (D)
 Thickness : 0.9mm
 Installation : Wall Mounted
 Finishing : RED EPE Powder Coated



HR 511

HOSE REEL NOZZLE

Code	Description	Material
HR503-25	1"(25mm) Jet Nozzle	Brass
HR503-19	3/4"(19mm) Jet Nozzle	Brass
HR504-25	1"(25mm) Jet/Spray Nozzle	Brass
HR504-19	3/4"(19mm) Jet/Spray Nozzle	Brass
HR509-25	1"(25mm) Jet/Spray Nozzle	Nylon
HR509-19	3/4"(19mm) Jet/Spray Nozzle	Nylon
HR510-25	1"(25mm) Jet/Spray Nozzle	ABS Chrome
HR510-19	3/4"(19mm) Jet/Spray Nozzle	ABS Chrome



HR 503

HR 504

HR 509

HR 510

HANDLINE NOZZLE

Code	Description	Connection
#366	30-60-95-125 GPM (115-230-360-475 L/min)	1 1/2", 2 1/2" NH or 2 1/2" Male Inst.
#368	95-125-150-200-250 GPM (360-475-550-750-950 L/min)	1 1/2", 2 1/2" NH or 2 1/2" Male Inst.
#KM2	40-80-106-127 GPM (150-300-400-480 L/min)	1 1/2", 2 1/2" NH or Male Inst.



#366

#368

#KM2

FIRE HOSE REELS ACCESSORIES

GATE VALVE

Code	Size	Material
HR552-19	3/4"(19mm)	Copper Alloy
HR552-25	1"(25mm)	Copper Alloy



HOSE GUIDE

Code	Description	Material
HR513	Mounting at Inlet Pipe	Steel/Nylon Roller



BALL VALVE WITH LOCKING DEVICE

Code	Description	Material	Pressure
HR553-25	1"(25mm) Ball Valve	Copper Alloy	250 psi / 17bar



PRESSURE REDUCING VALVE

Code	Description	Material
HR551-25	1"(25mm)	Max Inlet: 20 Bar Outlet Pressure: 1-4 Bar Copper Alloy
HR551-38	1 1/2"(38mm)	Copper Alloy
HR551-50	2"(50mm)	Copper Alloy



CONTINUOUS-FLOW HOSE REEL

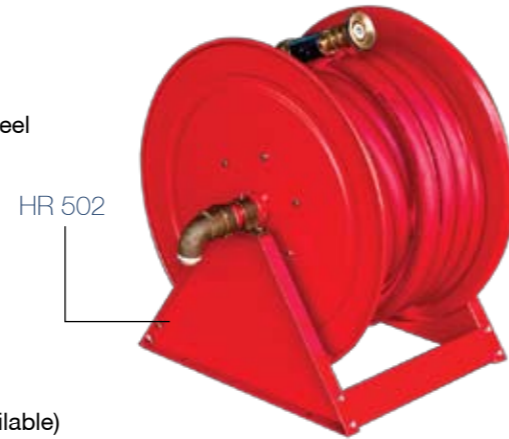
Kolling manufactures wide range of manual rewind continuous flow hose reel for water and foam application, it is suitable for use in fire engine, off shore platform, petrol chemical plant, refinery and hazardous industries. Other models are available with built in inductor and water by-pass loop for foam application. Inductor comes with adjustable variable valve 0-6% for various type of foam concentrate. The hose reel can be mounted on stainless or fiberglass tank for storage of foam concentrate and install in steel cabinet or outdoor application.

CONTINUOUS-FLOW HOSE REEL

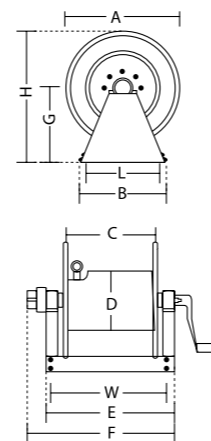
GENERAL SPECIFICATIONS (High Pressure)

- Material for reel : Steel, hot dipped galvanized, aluminum alloy or stainless steel
- Waterway : Hot dipped galvanized or stainless steel
- Rewind : Disc rewind or detachable crank rewind handle
- Inlet : Horizontal or 90 Deg. ball bearing swivel joint, male, female thread, NPT, NH, BSP or flanged
- Outlet : Male thread, NPT, NH or BSP
- Working Pressure: 40 bar with suitable hoses
- Finishing : Red or Silver EPE powder coated
- Option : Marine Paint for Saline Condition

Different drum length, disc diameter and hose capacity other than shown can be supplied upon customer requirement (Higher Working Pressure are Available)



Crank Rewind



Model	Reel Capacity		A	B	C	D	E	F	G	H	L	W
	mm-meter	In-feet										
HR502-19 X 30	19 X 30	3/4" X 100'	580	600	300	268	420	500	335	625	400	380
HR502-25 X 30	25 X 30	1" X 100'	580	600	396	268	516	596	335	625	400	476
HR502-25 X 46	25 X 46	1" X 150'	580	600	550	268	670	750	335	625	400	630
HR502-25 X 61	25 X 61	1" X 200'	730	650	396	268	516	596	410	775	450	476
HR502-32 X 30	32 X 30	1 1/4" X 100'	730	650	240	268	360	440	410	775	450	320
HR502-38 X 30	38 X 30	1 1/2" X 100'	730	650	396	268	516	636	410	775	450	476
HR502-38 X 46	38 X 46	1 1/2" X 150'	730	650	396	268	516	596	410	775	450	476
HR502-50 X 30	50 X 30	2" X 100'	805	800	610	510	770	870	455	858	600	720
HR502-50 X 56	50 X 56	2" X 180'	990	900	610	510	770	870	545	1043	700	720
HR502-75 X 24	75 X 24	3" X 80'	990	900	610	510	770	870	546	1043	700	720
HR502-19 X 46	19 X 46	3/4" X 150'	580	600	390	268	510	590	335	625	400	470
HR502-19 X 61	19 X 61	3/4" X 200'	630	600	345	268	465	545	365	680	400	425

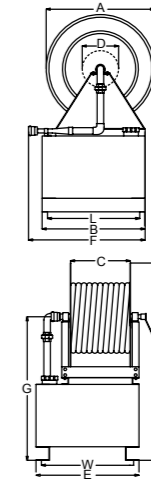
CONTINUOUS-FLOW HOSE REEL

CONTINUOUS-FLOW HOSE REEL WITH FOAM STATION

GENERAL SPECIFICATIONS (High Pressure)

- Material for reel : Steel, hot dipped galvanized or stainless steel
- Water way : Steel, hot dipped galvanized or stainless steel
- Inlet : Horizontal or 90 Deg. Ball bearing swivel joint, male, female thread, NPT, NH, BSP or Flanged
- Outlet : Male or Female thread, NPT, NH or BSP
- Hose length : 30M or 45M
- Nozzle : Pistol grip nozzle (SPP 9524) or Handline nozzle
- Finishing : Red or Silver EPE Powder Coated
- Option : Marine Paint for Saline Condition

Different drum length, disc diameter and hose capacity other than shown can be supplied upon customer requirement (Higher Working Pressure are Available)



Tank Capacity Available
130 lit or 250 lit

Model	Reel Capacity		A	B	C	D	E	F	G	H	L	W	Tank Capacity	US Gallon
	mm-meter	In-feet												
FHR528-38-30-130	38 X 30	1 1/2" X 100'	730	760	390	268	760	860	795	1160	680	680	130	34
FHR528-38-46-130	38 X 46	1 1/2" X 150'	800	760	390	268	760	860	830	1230	680	680	130	34
FHR528-38-30-260	38 X 30	1 1/2" X 100'	730	760	390	268	760	860	1025	1390	680	680	260	68
FHR528-38-46-260	38 X 46	1 1/2" X 150	800	760	390	268	760	860	1060	1460	680	680	260	68

CONTINUOUS-FLOW HOSE REEL GEAR-CRANK REWIND WITH DETACHABLE HANDLE AND BRAKE ASSEMBLY

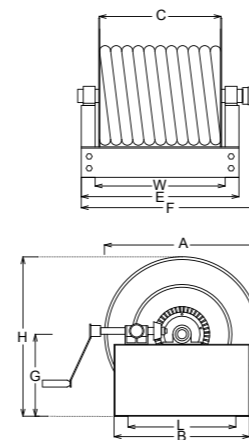
GENERAL SPECIFICATIONS (High Pressure)

- Material for reel : Steel, hot dipped galvanized or stainless steel
- Water way : Steel, hot dipped galvanized or stainless steel
- Inlet : Horizontal or 90 Deg. Ball bearing swivel joint, male, female thread, NPT, NH, BSP or Flanged
- Outlet : Male or Female thread, NPT, NH or BSP
- Hose length : 30M or 45M
- Nozzle : Pistol grip nozzle (SPP 9524) or Handline Nozzle
- Finishing : Red or Silver EPE Powder Coated
- Option : Marine Paint for Saline Condition

Different drum length, disc diameter and hose capacity other than shown can be supplied upon customer requirement (Higher Working Pressure are Available)



Gear-crank Rewind



Model	Reel Capacity		A	B	C	D	E	F	G	H	L	W
	mm-meter	In-feet										
HR530-19 X 61	19 x 61	3/4" x 200'	630	520	390	268	510	590	365	680	430	350
HR530-25-30	25 x 30	1" x 100'	630	520	508	268	628	708	365	680	430	478
HR530-25-61	25 x 61	1" x 200'	630	520	650	268	770	850	365	680	430	620
HR530-32-30	32 x 30	1 1/4" x 100'	730	650	240	268	360	440	410	775	560	210
HR30-38 X 30	38 x 30	1 1/2" x 100'	630	520	508	268	628	708	365	680	430	478
HR530-38 X 46	38 x 46	1 1/2" x 150'	730	650	508	268	628	708	410	775	560	210
HR530-50 X 30	50 x 30	2" x 100	806	800	610	510	770	870	545	858	600	720

VALVES FOR WET & DRY RISER SYSTEM



DRY RISER GATE VALVE

Code	Inlet Size
HV018	2 1/2" (65mm) male BSPT
HV018(F)	2 1/2" (65mm) PN16 to BS4504



RIGHT ANGLE VALVE (HOSE RACK)

Code	Inlet Size
HV019-38	1 1/2" (38mm) Male BSPT
HV019-65	2 1/2" (65mm) Male BSPT



OBLIQUE LANDING VALVE WITH STORZ OUTLET

Code	Inlet Size
HV020	2 1/2" (65mm) Male BSPT
HV020(F)	2 1/2" (65mm) PN16 to BS4504



VALVES FOR WET & DRY RISER SYSTEM

Kolling manufactures low and high-pressure hydrant valves; consist of various type such as horizontal, bib nose, oblique, right angle and etc. All valves are manufacture to BS 5041: Pt. 1 and Pt. 2.

GENERAL SPECIFICATIONS

Body	: Copper Alloy to BS 1400
Hand Wheel	: Aluminum Alloy to BS 1490
Inlet	: Screw End/Flanged End
Outlet	: Female Instantaneous to BS 336/ANSI NH-7.5/Round Thread to BS 336/ Storz and Etc.

SPECIFICATION FOR LOW PRESSURE VALVE

Working Pressure	: 15 Bar (217 psi)
Seat Test Pressure	: 16.5 Bar (239 psi)
Body Test	: 22.5 bar (326 psi)

SPECIFICATION FOR HIGH PRESSURE VALVE

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



HORIZONTAL VALVE



Code	Inlet Size	Outlet
HV001	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV001(F)	2 1/2" (65mm) PN16 to BS4504	

BIB NOSE VALVE



Code	Inlet Size	Outlet
HV002	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV002(F)	2 1/2" (65mm) PN16 to BS4504	

RIGHT ANGLE VALVE



Code	Inlet Size	Outlet
HV003	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV003(F)	2 1/2" (65mm) PN16 to BS4504	

HYDRANT BALL VALVE WITH LOCKING DEVICE



Code	Inlet Size	Outlet
HV014	NPT Male	NH 7.5 Female Swivel
HV014(F)	2 1/2" ANSI 150 F.F	

OBLIQUE VALVE



Code	Inlet Size	Outlet
HV005	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV005(F)	2 1/2" (65mm) PN16 to BS4504	

OBLIQUE PRESSURE REDUCING VALVE



Code	Inlet Size	Outlet
HV006	2 1/2" (65mm) BSPT Male	2 1/2" Female inst. to BS 336
HV006(F)	2 1/2" (65mm) PN16 to BS4504	

VALVES FOR WET & DRY RISER SYSTEM



SELF REGULATING VALVE

Code	Inlet Size
HV007-S	2 1/2" (65mm) BSPT Male
HV007(F)	2 1/2" (65mm) PN16 to BS4504

Kolling Self Regulating Valve are designed and constructed to conform fully to BS5041:pt1 1987 which does not require a return pipe. Valve shall be of the rising stem inside screw type having the actuating thread within the bonnet. The hand wheel have a minimum clearance of 40mm between any parts of the valve vertically below. The valve body is able to withstand a hydrostatic pressure of 30 bars and the seat for 22 bars. The flow rate is 8.5 +/- 0.5 L/Second at inlet pressure of 7.5 bars and up to 20 bars. The mechanism for outlet pressure adjustment is fitted with a locking/clamping device to maintain the initial setting.

Valve is fully complied to all the operational requirements of the standards without alteration of initial setting. (e.g Inlet pressure from 5 bars up to 20bars but outlet pressure shall remain at a constant pressure without further adjustment). Material for valve shall be LG2 or LG4 gunmetal for body and copper alloy for bonnet and stem.



AIR RELEASE VALVE



Code	Inlet Size
HV009-19	3/4" (19mm) BSPT Male
HV009-25	1" (25mm) BSPT Male

OBLIQUE VALVE



Code	Inlet Size	Outlet
HV016	2 1/2" (65mm) BSPT Male	NH 7.5 Male
HV016(F)	2 1/2" ANSI 150 F.F	

SLUICE VALVE



Code	Inlet Size
HV011-100	4" (100mm) PN16 to BS4504
HV011-150	6" (150mm) PN16 to BS4504

RIGHT ANGLE VALVE



Code	Inlet Size	Outlet
HV017	Mechanical Joint	2 1/2" Round Thread to BS 336
	2 1/2" (65mm) BSPT Male	

WET AND DRY RISER



WET & DRY RISER EQUIPMENT

Kolling 2 way and 4 way Inlet Breeching are manufactured to BS 5041: Pt. 3. Landing valve boxes for dry risers are manufactured to BS 5041 Pt. 4. Foam inlet and dry riser boxes are manufactured to BS 5041: Pt. 5.

GENERAL SPECIFICATIONS

Two way & Four way Inlet Breeching

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)



DC 707-S



DC 708

WET & DRY RISER BOX

GENERAL SPECIFICATIONS

2 Way Dry Riser and 4 Way Wet Riser Inlet Box

Material & Thickness	: Mild Steel/1.2mm
Glass	: Wire Mesh/Clear Glass
Installation	: Recess Mounted
Finishing	: RED EPE Powder Coated
Manufactured to	: BS5041: Pt.5



DC 709



DC 710

HOSE CRADLE

Kolling Flat Hose Cradle is suitable for the storage of one length of 2 1/2" meters lay flat fire hose and is install next to the fire hydrant for wet or dry riser system.

Option: 2 x 2 1/2" x 30 meters hose are available.

GENERAL SPECIFICATIONS

Body	: Mild Steel, RED EPE Powder Coated
Bracket	: Aluminum Alloy
Type	: Swing 180 Deg.
Code	: ME 607



HOSE RACK ASSEMBLY

Kolling Hose Rack assembly is install in building next to fire hydrant valve for wet and dry riser system. There are two type of hose rack assembly, one is mounted on the wall by bracket and another is by fixing it on a right angle valve. Once the Nozzle and the Hose are fully pull out, an automatic release mechanism will enable water to discharge.

GENERAL SPECIFICATIONS

Body	: Mild Steel for 1 1/2" or 2 1/2" Hose
Bracket	: Mild Steel, RED EPE Powder Coated
Hose	: Lay Flat Hose 1 1/2" or 2 1/2"
Nozzle	: 1 1/2" or 2 1/2" Connection
Valve Connection	: BS Instantaneous or NHT
Code	: ME 608



FIRE HYDRANT

Kolling manufactures Pedestal Hydrant consist of the High and Low Pressure Type. Kolling Hydrants are suitable for use in refineries, factories and public housing.

GENERAL SPECIFICATIONS (High Pressure)

Body Material	: Carbon Steel
Outlet	: HV007
Test Pressure	: 30 bar (435 psi)
Working Pressure	: 20 bar (290 psi)
Seat Test Pressure	: 22 bar (319 psi)
Finishing	: RED

GENERAL SPECIFICATIONS (Low Pressure)

Body Material	: Cast Iron to BS 1452
Outlet	: HV005
Test Pressure	: 22.5 bar (326 psi)
Working Pressure	: 15 bar (217 psi)
Seat Test Pressure	: 16.5 bar (239 psi)
Finishing	: RED

*Different Inlet and Outlet Connections are available upon customer requirement

HYDRANT WITH MONITOR AND PUMPER CONNECTION

Code	Outlet	Inlet	Body	Type
SPP9527	2 x 65mm Hydrant Valve/Self Regulating Valve (007) with Male NHT or BS Female Instantaneous to BS336	150mm ANSI Class 150 F.F Flange	Carbon Steel	High Pressure
	1 X 100mm Male NHT (Pumper)			
	1 X 100mm ANSI Class 150 F.F Flange (Monitor Mounting)			

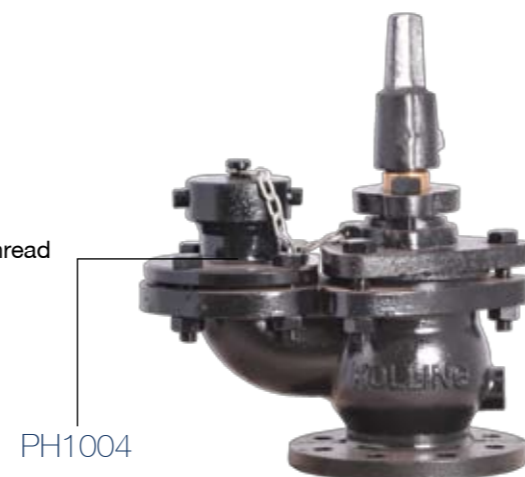


UNDERGROUND HYDRANT

GENERAL SPECIFICATIONS (High Pressure)

General Specification (Low Pressure)

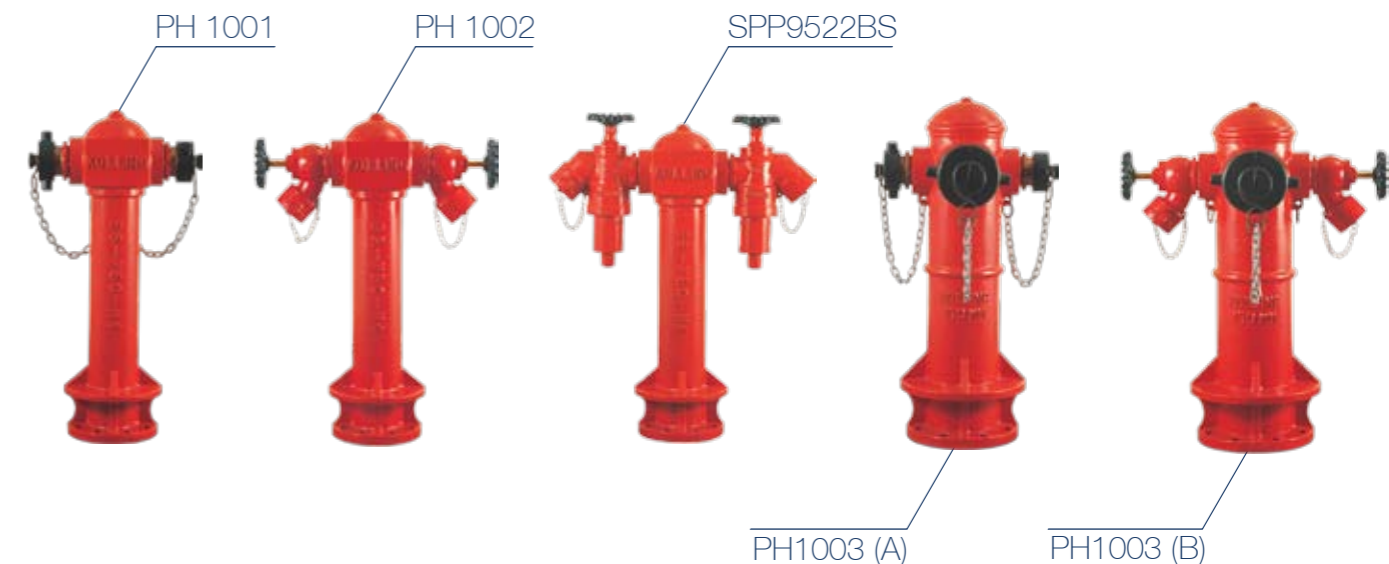
Body	: Cast Iron to BS1452
Outlet	: Copper Alloy to BS1400 Round/V-thread
Inlet	: 80mm Flange to PN16
Test Pressure	: 20 bar (300 psi)
Code	: PH1004



FIRE HYDRANT

2 WAY FIRE HYDRANT

Code	Outlet	Inlet	Body	Type
PH1001	2 X 65mm Male Thread	100mm PN16 to BS 4504	Cast Iron	Low Pressure
PH1002	2 X 65mm Hydrant Valve with Female Inst. BS 336	100mm PN16 to BS 4504	Cast Iron	Low Pressure
SPP 9513	2 X 65mm Self Regulating Valve with Female Inst. BS 336	100mm ANSI 150 F.F	Carbon Steel	High Pressure
SPP9522NH	2 X 65mm Self Regulating Valve with Male NHT	100mm ANSI 150 F.F	Cast Iron	Low Pressure
SPP9522BS	2 X 65mm Self Regulating Valve with Female Inst. BS 336	100mm PN16 to BS 4504	Cast Iron	Low Pressure



3 WAY FIRE HYDRANT

Code	Outlet	Inlet	Body	Type
PH1003(A)	2 X 65mm Male Thread 1 X 100mm Female Round Thread BS 336 (Pumper)	150mm PN16 to BS 4504	Cast Iron	Low Pressure
PH1003(B)	2 X 65mm Hydrant Valve with Female Inst. BS336 1 X 100mm Female Round Thread BS 336 (Pumper)	150mm PN16 to BS 4504	Cast Iron	Low Pressure
SPP9526	2 X 65mm Self Regulating Valve with Female Inst. BS 336 1 X 100mm Female Round Thread BS 336 (Pumper)	150mm PN16 to BS 4504	Cast Iron	Low Pressure

ANCILLARY EQUIPMENT

STANDPIPES

Kolling standpipes are manufactured from Aluminum Alloy or Copper Alloy to the highest standards to ensure maximum performance and durability. They are used to connect onto pressurized water main supply through the underground hydrant valve. The inlet or base of the standpipe can be manufactured to suit a variety of hydrant connections, but is normally supplied with a female round thread or V thread capable of engaging with a fire hydrant complied to BS 750.

Standpipes are available in single or double outlet 65mm female instantaneous to BS 336 and are connected to the shaft with a 65mm Male and Female Instantaneous (Double pull Release Type), or a swivel gland that will allow continuous rotation of the head through 360 deg. The head with an instantaneous connection may be removed but the swivel type is an integral part of the standpipe. Double outlet standpipe is supplied with a single 65mm male blank plug.

Other connections for Inlet, Outlet and the length of shaft are available upon customer requirement.

GENERAL SPECIFICATIONS (High Pressure)

Standpipe Shaft	: Aluminum Alloy to BS 1490 Copper Alloy to BS 2873
Standpipe base and Head	: Aluminum Alloy to BS 1490 Copper Alloy to BS 2873
Working Pressure	: 15 Bar (217 psi)
Test Pressure	: 22.5 bar (326 psi)

Code	Description	Type
SP801	Single Outlet Standpipe	Double Pull Release
SP802	Double Outlet Standpipe	Double Pull Release
SP803	Single Outlet Standpipe	Swivel Gland
SP804	Double Outlet Standpipe	Swivel Gland



HYDRANT KEY & BAR

Hydrant Key and Bar are used on underground hydrant and sluice valves. Adaptors may be supplied for use on other hydrant valves

GENERAL SPECIFICATIONS (High Pressure)

A) Key End Shaft Tube Bar	: Aluminium Alloy to BS 1490 : Aluminum Alloy to BS 1474
B) Key End Shaft Tube bar	: Cast Steel : Steel : Steel

Code	Description
SP805	Hydrant Key and Bar
SP807	Cast Steel Hydrant Key and Bar



SUCTION FITTINGS

Kolling manufactures a wide range of suction fittings for various applications such as portable fire pump, water relay and fire engines. These fittings are suitable for use in drawing water from hydrant, river, pond and sea.

GENERAL SPECIFICATIONS

Material	: Aluminum Alloy to BS 1490; Copper Alloy To BS 1400
Working Pressure	: 15 Bar (217 psi)
Test Pressure	: 22.5 Bar (327 psi)



Code	Product	Size	Thread	Manufacture to	Material	Finishing	Assembly Length
SF1200	Suction Hose Coupling	75mm 100mm 140mm	BS Round Thread	BS 336	Copper Alloy/ Aluminium Alloy	-	
SF1201	Suction Hose Coupling Wrench	-		BS 336	Galvanised Mild Steel/EPE Powder Coated	-	
SF 1202	Metal Suction Strainer	75mm 100mm 140mm	-	BS 336	Copper Alloy/ Aluminium Alloy	-	
SF 1203	Basket Strainer	75mm 100mm 140mm	-	BS 336	Cane	-	
SF 1205	Suction Adaptor	100mm Female Round Thread X 65mm Male Instantaneous	-	BS 336	Aluminium Alloy/ Copper Alloy	-	
SF 1207	Suction Stand	-	-	-	Mild Steel/EPE Powder Coated	Red	
SF 1209	Coupling Opener	-	-	-	Galvanised Mild Steel/EPE Powder Coated	-	
SF 1210	Suction hose	75mm 100mm 140mm	-	-	PVC/Rubber	-	2.4 meters (8 ft)

SUCTION COLLECTING HEAD

Collecting units are used to combine two water feeds and dividing units are to split a single line into two. Kolling Suction Collecting Heads are available in radial pattern, angle pattern and in-line pattern. In-line and angle pattern suction collecting heads are fitted with swivel outlet. The radial pattern is fitted with fixed outlet. All inlets come with male instantaneous to BS 336 with non-return valve.

GENERAL SPECIFICATIONS

Body, Inlet, Swivel : Aluminum Alloy to BS 1490 ; Copper Alloy to BS 1400
 Working Pressure : 15 Bar (217 psi)
 Test Pressure : 22.5 bar (326 psi)

*Different Inlet and Outlet Connections are available upon customer requirement



DC703



DC704



DC705



DC706

Code	Description	Inlet	Outlet
DC703	Two Way Suction Collecting Head	2 X 65mm Male Inst. To BS 336	1 X 100mm Round Thread Female to BS 336 (Swivel)
DC704	Three Way Suction Collecting Head	3 X 65mm Male Inst. To BS 336	1 X 100mm Round Thread Female to BS 336 (Swivel)
DC705	Four Way Suction Collecting Head	4 X 65mm Male Inst. To BS 336	1 X 100mm Round Thread Female to BS 336 (Swivel)
DC706	Three Way Suction Radial Collecting Head	3 X 65mm Male Inst. To BS 336	1 X 100mm Round Thread Female to BS 336 (Fixed)

DIVIDING AND COLLECTING BREECHING

The collecting units are used to combine two water feeds and dividing units to split a single line into two. Kolling collecting breechings has one female outlet and two male instantaneous inlets to BS 336 and the dividing breeching has two female outlets and one male instantaneous inlet to BS 336.

GENERAL SPECIFICATIONS

Body Inlet : Aluminum Alloy to BS 1490; Copper Alloy to BS 1400
 Working Pressure : 15 Bar (217 psi)
 Test Pressure : 22.5 Bar (326 psi)

*Other inlet and outlet connections are available upon customer requirement

DC700

Code	Description	Inlet	Outlet
DC 700	2 1/2" (65mm) Standard Dividing Breeching	1 x 2 1/2" (65mm) Male Instantaneous to BS336	2 x 2 1/2" (65mm) Female Instantaneous to BS336



DC700

DC701

Code	Description	Inlet	Outlet
DC 701	2 1/2" (65mm) Standard Collecting Breeching	2 x 2 1/2" (65mm) Male Instantaneous to BS336	1 x 2 1/2" (65mm) Female Instantaneous to BS 336



DC701

DC702/DC702NH

Code	Description	Inlet	Outlet
DC 702	2 1/2" (65mm) Dividing Breeching with Ball Valve Control	1 x 2 1/2" (65mm) Male Instantaneous to BS336	2 x 2 1/2" (65mm) Female Instantaneous to BS336
DC 702NH	2 1/2" (65mm) Dividing Breeching with Control Valve	1 x 2 1/2" (65mm) Female NHT (Swivel)	2 x 2 1/2" (65mm) Male NHT



DC702

DC711

Code	Description	Inlet	Outlet
DC 711	2 1/2" (65mm) Dividing Breeching with Ball Valve Control	1 x 2 1/2" (65mm) Male Instantaneous to BS336	2 x 2 1/2" (65mm) Female Instantaneous to BS336



DC711

DC712

Code	Description	Inlet	Outlet
DC 712	2 1/2" (65mm) Dividing Breeching with Ball Valve Control	1 x 2 1/2" (65mm) Female NHT (Swivel)	2 x 2 1/2" (65mm) Male NHT



DC712

BRANCHPIPES NOZZLE

Kolling manufactures a wide range of branchpipe and nozzles for hydrant systems, water & foam systems. All models were manufactured with 65mm Male Instantaneous connection to BS 336.

GENERAL SPECIFICATIONS

Body : Aluminum Alloy to BS 1490; Copper Alloy to BS1400
 Connection Inlet : 2 1/2" (65mm) Male Instantaneous to BS 336

*Other inlet connections are available upon customer requirement

BP401



Code	Description	Size
BP401	Jet Nozzle with branchpipe	2 1/2" (65mm)

BP402



Code	Description	Size
BP402	Diffuser Nozzle (Jet/Spray)	2 1/2" (65mm)

BP403



Code	Description	Size
BP403	Diffuser Nozzle with Branchpipe (Jet/Spray)	2 1/2" (65mm)

BP407



Code	Description	Size
BP407	Jet/Spray Nozzle with Branchpipe	1 1/2" (38mm)

BP408



Code	Description	Size
BP408	Jet Nozzle with Ball Control	1 1/2" (38mm)

BP406



Code	Description	Size
BP406	Fog Nozzle with Branchpipe	2 1/2" (65mm)

SPP9524



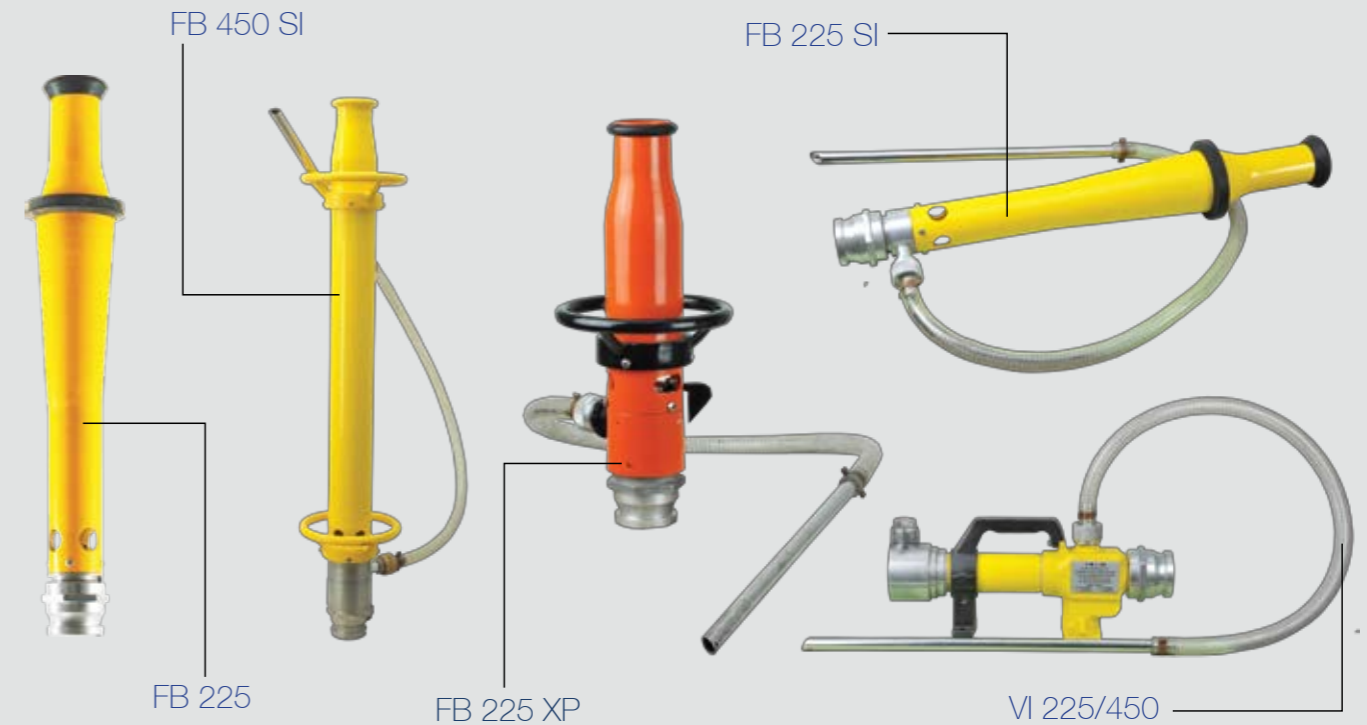
Code	Description	Size
SPP9524	Pistol Grip Nozzle	2 1/2" (65mm)

FOAM BRANCHPIPE & INDUCTOR-LOW EXPANSION

Kolling low expansion foam branchpipes are suitable for use in hydrocarbon fire and come with adjustable variable valve from 0% to 6%. There are two type; One is with integral inductor, pick up tube and piercer, and another is without the pick up tube for premix foam. This product is suitable for polar solvent, AFFF and protein foam.

GENERAL SPECIFICATIONS

Material : Aluminum Alloy
 Expansion Ratio : 15 X
 Inlet : 2 1/2" (65mm) Male Instantaneous to BS336
 Working Pressure : 5-10 Bar



Code	Description	Induction Rate
FB225	225 Lt Premixed Foam Branchpipe at 7 Bar	-
FB450SI	450 Lt Foam Branchpipe c/w Pick Up Tube and Stainless Steel Piercer	3% or 6%
FB450P	450 Lt Premixed Foam Branchpipe at 7 Bar	-
FB225 SI	225 Lt Foam Branchpipe c/w Pick Up Tube and Stainless Steel Piercer	3% or 6%
FB450XP	450 Lt Foam Branchpipe c/w Pick Up Tube and Stainless Steel Piercer and Adjustable Variable Valve	0% or 6%
FB225XP	225 Lt Foam Branchpipe c/w Pick Up Tube and Stainless Steel Piercer and Adjustable Variable valve	0% or 6%

Code	Description	Induction Rate
VI 225	225 Lt Variable Foam Inductor c/w Pick Up Tube & Stainless Steel piercer	0% - 6%
VI 450	450 Lt Variable Foam Inductor c/w Pick Up Tube & Stainless Steel Piercer	0% - 6%

FOAM / WATER MONITOR

Kolling manufactures monitor for water and foam application. These monitors are suitable for use in petrol chemical, refineries, storage tank and off shore platform. There are two types of monitor; Fixed and Portable.

GENERAL SPECIFICATIONS

Material: Gun Metal (LG2)
 Waterway: 2 1/2" (65mm) or 3" (75mm)
 Rotation: 360. Deg with locking Device
 Elevation: 15 Deg. Through 75 Deg.
 Inlet: 2 1/2" or 3" or 4" (Flanged or Threaded)
 Flow Rate: Nozzle available from 1350/ 1900/ 2000/ 2700/ 4000L/ min
 Handle: Stainless Steel
 Working Pressure: 10 bar (150 psi)
 Test Pressure: 22.5 bar (326 psi)



Master Stream Nozzle Code	Performance
SPP300N	1350 Litre at 7 bar
SPP423N	1900 Litre at 7 bar
SPP455N	2000 Litre at 7 bar
SPP600N	2700 Litre at 7 bar
SPP888N	4000 Litre at 7 bar

Pressure at Inlet of Nozzle	Jet	30 Deg. Fog	120 Deg. Fog	155 Deg. Fog
7 Bar (100 psi)	194' (59m)	138' (42m)	69' (21m)	40' (12m)
10 Bar (150 psi)	208' (63m)	152' (46m)	76' (23m)	56' (17m)

MOBILE FOAM UNIT

The Kolling Mobile Foam Unit is highly deployable fire protection apparatus designed for operation by one person. Connection to a suitable water source, such as fire pump or pressurized fire hydrant valve using a fire hose connected to inlet of inductor while another to the inlet of the low expansion foam branchpipe, the unit is ready for use.

GENERAL SPECIFICATIONS

Trolley : Steel EPE Powder Coating
 Tank : Fibre 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



Code	Description
MFS-FG-140	Fibreglass Tan with Standard Equipment
MFS-SS-140	Stainelss Steel Tank with Standard Equipment

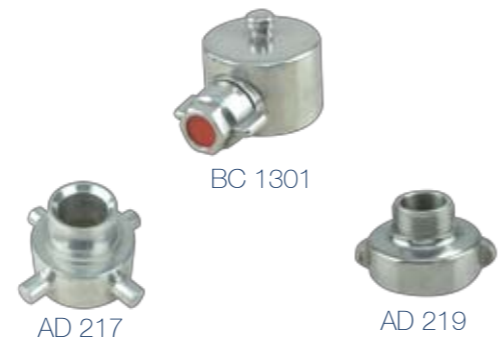
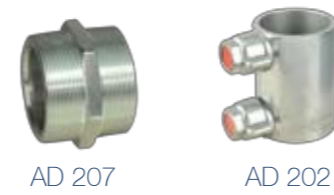
Input Pressure Bar	Total Water Flow (Lt/min)	Approx Runing Time Inductor Setting (per minute)		Approx Foam Throw Branchpipe low expansion
		3%	6%	
5	182	22	11	15
7	215	18	9	18
10	225	16	8	20

ADAPTORS & BLANK CAPS

Kolling manufacture a wide range of adaptors. These adaptors are used to connect or joint one size to another, either from male to female, or to different standards connection. Kolling standard adaptors are manufactured to BS 336. Other standards connections are also available upon request.

GENERAL SPECIFICATIONS

Manufactured to: BS 336
Material: Aluminum Alloy to BS 1490/Copper Alloy to BS 1400



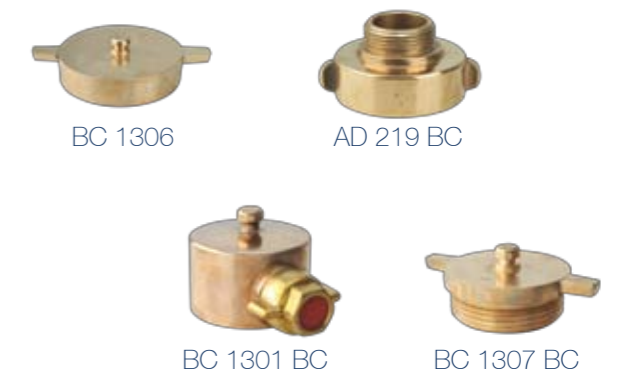
Code	Description
AD201	Double Male Instantaneous
AD202	Double Female Instantaneous
AD203	Male Screw X Female Instantaneous
AD204	Female Instantaneous X Male Instantaneous
AD205	Female Instantaneous X Female Screw
AD206	Male Instantaneous X Male Screw
AD207	Male Screw X Male Screw
AD208	Female Screw X Male Instantaneous
AD209	Female Screw X Male Screw
AD211	Male Instantaneous X Male NHT/ NPT
AD214	19mm/25mm Serrated X Male Instantaneous
AD215	Male Instantaneous X Serrated
AD216	Elbow For Nozzle
AD217	Female Round Thread X Male Instantaneous
AD218	Female Instantaneous X Male Round Thread
AD219	Female Screw X Male Round Thread
AD220	Female Suction X Female Round Thread
AD221	Male Round Thread Suction X Male Round Thread
AD222	Male Round Thread X Female Instantaneous
AD223	Male Instantaneous X Male Round Thread
AD224	Screw X N & S
AD225	Flanged X Male Instantaneous
AD226	Flanged X Female Instantaneous
AD227	Flanged X Female Round Thread
AD228	Flanged X Male Round Thread
AD229	Flanged X Hose tail
AD230	Female Instantaneous X Female Round Thread (With Ball Valve)
AD231	Hydrant Adaptor Bayonet X Male Round Thread
AD232	International Shore Connection X 65mm Male Instantaneous
AD233	2 1/2" Gooseneck

ADAPTORS & BLANK CAPS

Kolling Female Caps and Male plugs are fitted to an inlet or outlet connector to protect against damage. They are available in instantaneous, round thread, and other threaded form. These blank caps and plugs are made of aluminum alloy to BS 1490, copper alloy to BS 1400 and plastic.



Code	Description
BC1300	65mm Instantaneous Male
BC1301	65mm Instantaneous Female Single Twist Release
BC1301B	65mm Instantaneous Female Double Pull Release
BC1302	100mm Male Screw
BC1303	65mm Female Screw
BC1304	Instantaneous Male Black Cap With Pressure gauge & Release Valve
BC1304B	In-line Flow Gauge
BC1305	Piezometer
BC1306	Female NH Cap
BC1307	Male NH Cap



DELIVERY HOSE COUPLING

Kolling Delivery Hose Couplings are manufactured to BS 336 with Instantaneous connection/NH.

GENERAL SPECIFICATIONS

Connection: Female instantaneous to BS 336, Male Instantaneous to BS 336
 Material: Aluminum Alloy to BS 1490, Copper Alloy to BS 1400

*Other standard hose coupling size are available upon customer requirement.



HC 902-45 HC 901-38



HC 901-38 BC HC 901-65 BC



HC 902-65 HC 901-65 HC 904-65



HC 904-65 BC

Code	Description
HC901-38	1 1/2" (38m) Multi Serrated X 2 1/2" (65mm) Instantaneous
HC901-45	1 3/4" (45mm) Multi Serrated X 2 1/2" (65mm) Instantaneous
HC901-50	2" (50mm) Multi Serrated X 2 1/2" (65mm) Instantaneous
HC901-65	2 1/2" (65mm) Multi Serrated X 2 1/2" (65mm) instantaneous
HC901-70	2 3/4" (70mm) Multi Serrated X 2 1/2" (65mm) Instantaneous
HC902-38	1 1/2" (38m) Double Rib X 2 1/2" (65mm) Instantaneous
HC902-45	1 3/4" (45mm) Double Rib X 2 1/2" (65mm) Instantaneous
HC902-50	2" (50mm) Double Rib X 2 1/2" (65mm) Instantaneous
HC902-65	2 1/2" (65mm) Double Rib X 2 1/2" (65mm) instantaneous
HC902-70	2 3/4" (70mm) Double Rib X 2 1/2" (65mm) Instantaneous
HC904-38	1 1/2" (38m) Multi Serrated X 2 1/2" (65mm) NHT Coupling
HC904-65	2 1/2" (65mm) Multi Serrated X 2 1/2" (65mm) NHT Coupling
HC905-38	1 1/2" (38m) Multi Serrated X 1 1/2" (38mm) NHT Coupling
HC906	Nozzle Spanner
HC907-38	1 1/2" (38m) Multi Serrated X 1 1/2" (38mm) Instantaneous
HC908	E-Spanner Wrench
HC909	Adjustable Hydrant / Spanner Wrench
HC910	Emergency Outlet for Hydrant



HC 909



HC 906



HC 908



HC 910

STEEL CABINET

Kolling manufactures a wide range of steel cabinet for installation of fire hose reel, extinguisher, hose, and hydrant valve and safety equipment.

GENERAL SPECIFICATIONS

Material: Mild Steel, Stainless Steel and GRP

Lock: Camlock, Spring Lock with key or latch without key, cabinet with break glass is provided with key.

*Cabinet of other design and dimension are available to customer requirement.

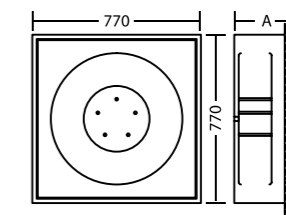
DOOR MOUNTED FIXED TYPE CABINET

GENERAL SPECIFICATIONS

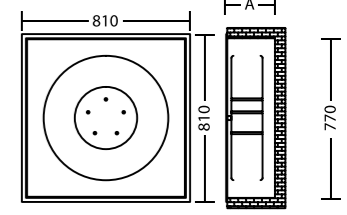
Material : 1.5mm Mild Steel, Stainless Steel
 Type : 1" (25mm) or 3/4" (19m) Manual or Automatic Fixed Hose Reel
 Overall Dimension : 770mm (W) x 770 (H) x Dimension A (Depth)
 Finishing : Red EPE Powder Coated

Code	Dimension A (Depth) mm	Type
C301-505-S25-360	360	Recessed
C301-524-S19-230	230	Recessed
C301-522-S25-230	230	Recessed
C302-526-S25-230	230	Surface/Wall Mounted
C302-525-S19-230	230	Surface/Wall Mounted
C302-525-S19-250	250	Surface/Wall Mounted

Surface/ Wall Mounted



Recessed Mounted

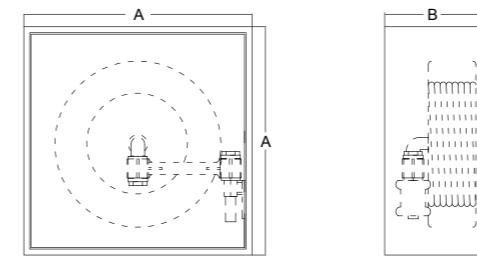


HOSE REEL CABINET

GENERAL SPECIFICATIONS

Material: 0.9mm Mild Steel
 Finishing: EPE Powder Coating Red

Code	Dimension A (Depth) mm	Type
C305-536-S25-350	790	350



HOSE CABINET

GENERAL SPECIFICATIONS

Material : 0.9mm Mild Steel / Stainless Steel / GRP
 Type : 2 Lengths 2" X 30m Hose & 1 No. Nozzle
 Overall Dimension : 560mm (W) x 1165mm (H) x 325mm (D)
 Finishing : EPE Powder Coating Red
 Model number : ME 606



STEEL CABINET

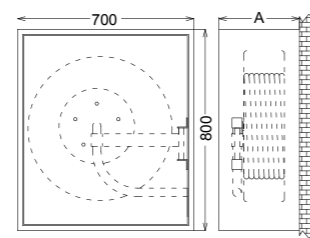
RECESSED HOSE REEL CABINET

GENERAL SPECIFICATIONS

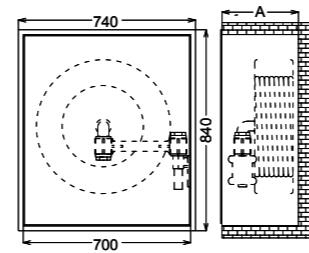
Material	: 1.2mm Mild Steel/Stainless Steel
Type	: 1" (25mm) or 3/4" (19mm) Manual or Automatic Swing Hose Reel
Overall Dimension	: 700mm (W) x 800mm (H) x Dimension A (Depth)
Finishing	: Red EPE Powder Coated

Code	Dimension A (Depth) mm	Type
C303-521-S25-400	400	Recessed
C303-523-S19-340	340	Recessed
C303-533-S25-340	340	Recessed
C304-523-S25-400	400	Surface/Wall Mounted
C304-533-S19-320	320	Surface/Wall Mounted
C304-533-S25-340	340	Surface/Wall Mounted

Surface/ Wall Mounted



Recessed Mounted



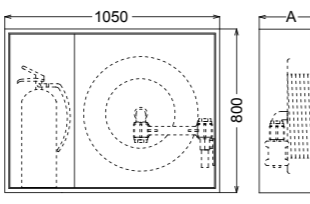
RECESSED HOSE REEL CABINET WITH EXTINGUISHER

GENERAL SPECIFICATIONS

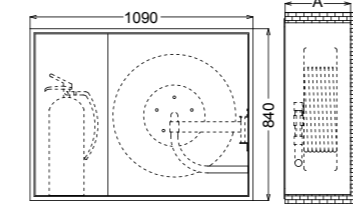
Material	: 1.2mm Mild Steel/Stainless Steel
Type	: 1" (25mm) or 3/4" (19mm) Manual or Automatic Swing Hose Reel & 1 no. 9Kg Fire Extinguisher
Overall Dimension	: 1050mm (W) x 800mm (H) x Dimension A (Depth)
Finishing	: Red EPE Powder Coated

Code	Dimension A (Depth) mm	Type
C306-521-S25-400	400	Recessed
C306-523-S19-340	340	Recessed
C306-533-S19-320	320	Recessed
C307-523-S25-400	400	Surface/Wall Mounted
C307-533-S19-320	320	Surface/Wall Mounted
C307-533-S25-340	340	Surface/Wall Mounted

Surface/ Wall Mounted



Recessed Mounted



WALL MOUNTED 9KG EXTINGUISHER BOX

GENERAL SPECIFICATIONS

Material	: 0.9mm Mild Steel / Stainless Steel / GRP
Size	: 280mm (W) x 710mm (H) x 280mm (D)
Finishing	: Red EPE Powder Coated



STEEL CABINET

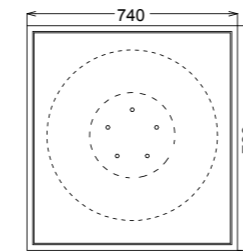
PIVOT TYPE HOSE REEL CABINET

GENERAL SPECIFICATIONS

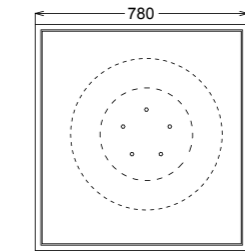
Material	: 1.5mm Mild Steel / Stainless Steel
Type	: 1" (25mm) or 3/4" (19mm) Manual or Automatic Fixed Hose Reel
Overall Dimension	: 740mm (W) x 790mm (H) x Dimension A (Depth)
Finishing	: Red EPE Powder Coated

Code	Dimension A (Depth) mm	Type
C308-525-S25-420	420	Recessed
C308-517-S25-450	450	Recessed
C309-501-S25-420	420	Surface/Wall Mounted
C309-524-S25-450	450	Surface/Wall Mounted

Surface/ Wall Mounted



Recessed Mounted



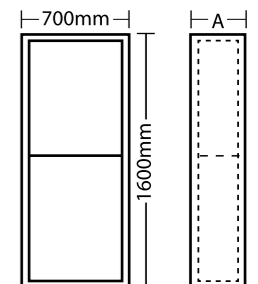
DOUBLE COMPARTMENT CABINET

GENERAL SPECIFICATIONS

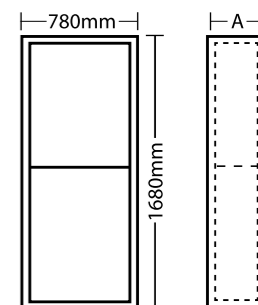
Material	: 1.2mm Mild Steel / Stainless Steel
Capacity	: 1" (25mm) or 3/4" (19mm) Manual or Automatic Swing Hose Reel and 2 Nos Fire Extinguisher.
Overall Dimension	: 1600mm(H) x 700mm(W) x Dimension A (Depth)
Finishing	: Red EPE Powder Coated

Code	Dimension A (Depth) mm	Type
C310-501-S25-400	400	Recessed
C310-537-S25-360	360	Recessed
C310-533-S25-320	320	Recessed
C311-536-S19-300	300	Surface/Wall Mounted
C311-523-S25-400	400	Surface/Wall Mounted
C311-523-S19-320	320	Surface/Wall Mounted

Surface/ Wall Mounted



Recessed Mounted



MISCELLANEOUS EQUIPMENT



Code	Description
RE101	Padlock Remover
RE102	Persuader
RE103	Bending bar
RE104	Spreader & Tommy Bar
RE105	Ceiling Hook
RE106	Fire Beater - Rattan Type
RE107	Ram Bar
RE108	Cellar Pipe
RE109	4lb Pickhead Firemen Axe
RE110	20lb Hammer with Wodden Handle
RE111	36" / 48" Steel Crowbar

Code	Description
RE112	20,000 Volt Fireman Axe with Rubber Insulated handle
RE113	Pouch and Belt
RE114	Machete 18" with Leather Cover
RE115	Grapping Iron with Rope
RE116	Pick with Handle
RE117	Spade with Handle
RE118	30" Bolt Cutter
RE119	Hose Sling
RE120	4 lb Flat Head Fireman Axe
RE121	False Spindle
RE122	Fireman Glove

MISCELLANEOUS EQUIPMENT



Code	Description
ME 601	Hose Ramp
ME 602	Hose Bandage
ME 605	Hand Operated Siren with Stand
ME 609	Hand Operated Alarm bell
ME 625	Hydro Shield
KM 133	Deep nozzle for Peat Fire
KM 622	Electric Hose Binding Machine

TORNADO FIRE HOSE, TYPE 1

SPECIFICATIONS

- Internal rubber lining combine with closely woven polyester fiber
- Direct vulcanization, high adhesion between jacking and lining
- Standard length 30 meters
- Manufactures to BS 6391, Type 1
- Working Pressure: 10 bar and 13 bar



TYPE 3 FIRE HOSE- SYNTEX UNIDUR, PYROPROTECT

SPECIFICATIONS

- High quality special Synthetic Rubber or Nitrile or PVC
- Extruded through the weave
- Very smooth for minimum friction loss
- Longitudinal ribs in the external covering for high abrasion resistance
- Standard Colour: RED (others on request)
- Manufacture to BS 6391 Type 3





KOLLING

Fire Appliances Manufacturer, Brass and Aluminium Founder

The goal of Kolling is to provide quality fire equipment to meet the needs of the fast growing market and achieve the highest satisfaction of our customer at all times.

Kolling is an ISO 9001:2008 certified company. Through inculcating the culture of operations an effective quality management system and product listing scheme, Kolling Products meets and conform to International Standards requirement.

Our manufacturing plant is equipped with modern CNC lathe, Milling, Press brake, Turret Puncher, Induction Furnace, High Pressure die-casting, Hot forging, EPE powder coating system, machinery for production of semi-rigid fire hose reel hose and facilities for product testing. These facilities are used to manufacture Kolling fire fighting equipment to meet customers' satisfaction.



Flow calibration for continuous research and development of products



Foundry products



Hot forging for brass components



Using high precision of CNC milling for manufacturing components & parts



High pressure die-casting for aluminium alloy component



Fabricating of steel cabinet with CNC press brake and CNC turret punch



Induction furnace



Melting of copper alloy



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