

FIRE HOSE RACK

BRAND NAME	:	POTTER ROEMER
COUNTRY	:	U.S.A.
MODEL	:	2510
SIZE	:	1.5" DIA.
APPROVED	:	UL/FM APPROVED

MATERIAL OF CONSTRUCTION AND ACCESSORIES

CONSIST OF	:	FIG. 4070, 1.5" UL/FM APPROVED CAST BRASS ANGLE VALVE
	:	FIG. 2755, 1.5" POLISHED BRASS HOSE RACK NIPPLE
	:	FIG. 2792, 1.5" UL/FM APPROVED STEEL FIRE HOSE RACK
	:	"5 ELEM" MODEL FIRE HOSE-RBX SERIES SIZE 1.5" X 100 FT., UL APPROVED 100% VIRGIN FILAMENT POLYESTER SINGER JACKET WITH BRASS PIN LUG COUPLING 1.5"
	:	FIG. 2962, 1.5" UL LISTED ADJUSTABLE FOG NOZZLE

1½"/3.8 cm HOSE RACK ASSEMBLIES

POTTER-ROEMER



A Division of Smith Industries, Inc.

FUNCTION: 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.

REGULARLY FURNISHED:

Model 4070	U/L-◀ FM ▶ Angle Valve Rough Brass 300 PSI/20.7 bars
Model 2750	Escutcheon
Model 2755	Satin Brass Hose Rack Nipple
Model 2930	Satin Brass Pin Lug Coupling
Model 2915	◀ FM ▶ Lined 500 PSI/34.5 bars Acceptance Pressure Test Polyflex Hose
Model 2962	U/L - ◀ FM ▶ Satin Brass Fog Nozzle
Model 2792	U/L - ◀ FM ▶ Red Glossy Polyester Coated Steel Hose Rack
Model 1985	Instructional Label

Model No.	Hose Length ft. m	Valve Size in. cm	Hose Dia. in. cm	Dimensions			
				A in. cm	B in. cm	C in. cm	D in. cm
2505	50 15.2	1½ 3.8	1½ 3.8	23½ 59.7	22 55.8	18 45.7	4 10.2
2507	75 22.8	1½ 3.8	1½ 3.8	26 66	24½ 62.2	18 45.7	4 10.2
2510	100 30.4	1½ 3.8	1½ 3.8	31 78.7	29½ 74.9	18 45.7	4 10.2

Add 4"/10.2 cm to hose rack assembly dimension "C" for Model 2926 PR-Superflex Hose.

OPTIONAL FINISHES

	Rack	Valve	Trim
- A	Red Finish	Rough Brass	Polished Brass
- B	Red Finish	Polished Brass	Polished Brass
- C	Polished Chrome Plated	Rough Chrome Plated	Rough Chrome Plated
- D	Polished Chrome Plated	Polished Chrome Plated	Polished Chrome Plated

OPTIONAL EQUIPMENT: TO SELECT ADD SUFFIX

1½"/3.8 cm VALVES

- 10 With Model 2760 Brass Automatic Drain Valve
- 11 With Model 2765 Brass Adjustable Pressure Restricting Device
- 12 With Model 2770 Brass Restricting Disc.
- 14 With Model 4090 Double Female Adjustable Pressure Restricting Angle Valve
- 16 With Model 4010 Double Female Adjustable Pressure Regulating Angle Valve
- 18 With Model 4042 Double Female Pressure Regulating Angle Valve

1½"/3.8 cm HOSE

- 21 With Model 2915 Single Jacket Lined 300 PSI/20.7 bars Acceptance Pressure Test Polyflex Hose ◀ FM ▶ and U/L
- 23 With Model 2926 Single Jacket Lined 500 PSI/34.5 bars Acceptance Pressure Test PR-Superflex Hose ◀ FM ▶

- 24 With Model 2926 Single Jacket Lined 500 PSI/34.5 bars Acceptance Pressure Test PR-Superflex Hose ◀ FM ▶ and U/L

1½"/3.8 cm COUPLING

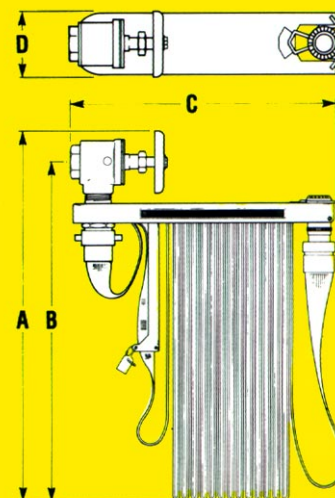
- 31 With Model 2930 -RL Rocker Lug Coupling
- 32 With Model 2941 Extruded Aluminum Coupling

1½"/3.8 cm NOZZLE

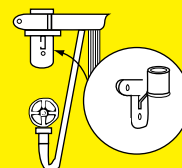
- 42 With Model 2960 Red Nylon Fog Nozzle
- 43 With Model 2972 Brass Fog Nozzle
- 44 With Model 2980 Red Nylon All-Fog Nozzle
- 45 With Model 2985 Brass All-Fog Nozzle
- 46 With Model 2993 Brass Fixed-Flow Nozzle



2500 SERIES

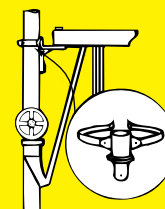


OPTIONAL TYPES OF MOUNTING



—E WALL BRACKET

FUNCTION: Used to support hose rack assembly independent of standpipe.



—G PIPE CLAMP

FUNCTION: Used for external attachment to standpipe riser.

HOSE VALVES

POTTER-ROEMER



A Division of Smith Industries, Inc.

ANGLE

FEMALE x MALE

FUNCTION: Used with a fire hose rack assembly or as a fire dept outlet connection.

REGULARLY FURNISHED: Cast brass valve with red handwheel. Female NPT inlet x male hose thread outlet. 300 PSI/20.6 bars.

Model

4060 1½"/3.8 cm Size

4065 2½"/6.4 cm Size

SPECIFY: Thread

OPTIONAL FINISHES:

- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

VARIATIONS:

Extended stem up to 24"/61 cm, **SPECIFY:** Length
 ⅛"/.3 cm petcock **SPECIFY:** Location.

Size	UL Listed	FM Approval	A in. cm	B in. cm	Closed C in. cm	Open C in. cm	D in. cm	E in. cm
1½" 3.8cm	YES	YES	2¼ 5.7	3½ 8.9	6½ 16.5	7½ 19	2½ 6.4	2 5
2½" 6.4cm	YES	YES	3½ 8.9	5 12.7	9½ 24.1	11½ 29.2	3½ 8.9	2¾ 6.9

DOUBLE FEMALE

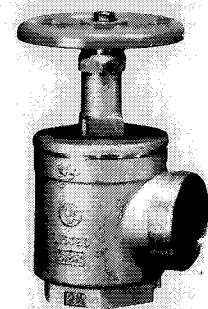
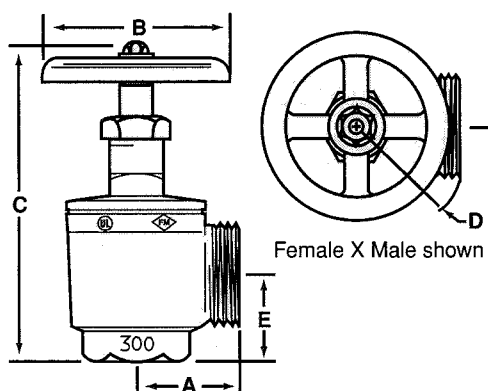
FUNCTION: Used with a fire hose rack assembly.

REGULARLY FURNISHED: Cast brass valve with red handwheel. Female NPT inlet and outlet. 300 PSI/20.6 bars.

Model

4070 1½"/3.8 cm Size

4075 2½"/6.4 cm Size



4060 & 4065



4070 & 4075

ADJUSTABLE PRESSURE RESTRICTING ANGLE VALVE

FEMALE x MALE

FUNCTION: Used with a fire hose rack assembly or as a fire dept outlet connection. Water pressure is controlled by adjustable flow restriction. If full flow is required, the restriction may be overridden.

REGULARLY FURNISHED: Cast brass valve with red handwheel with pressure restricting feature. Female NPT inlet x male hose thread outlet. 175 PSI/12 bars rated. Furnished with field setting chart.

Model

4080 1½"/3.8 cm Size

4085 2½"/6.4 cm Size

SPECIFY: Thread

OPTIONAL FINISHES:

- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

Size	UL Listed	FM Approval	A in. cm	B in. cm	Closed C in. cm	Open C in. cm	D in. cm	E in. cm
1½" 3.8cm	YES	NO	2¼ 5.7	3½ 8.9	6½ 16.5	7½ 19	2½ 6.4	2 5
2½" 6.4cm	YES	NO	3½ 8.9	5 12.7	9½ 24.1	11½ 29.2	3½ 8.9	2¾ 6.9

DOUBLE FEMALE

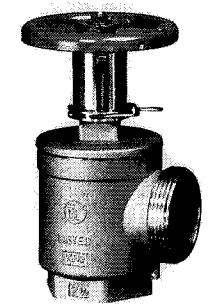
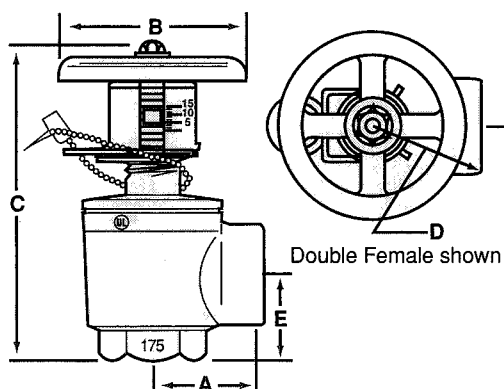
FUNCTION: Used with a fire hose rack assembly. Water pressure is controlled by adjustable flow restriction. If full flow is required, the restriction may be overridden.

REGULARLY FURNISHED: Cast brass valve with red handwheel with pressure restricting feature. Female NPT inlet and outlet. 175 PSI/12 bars rated. Furnished with field setting chart.

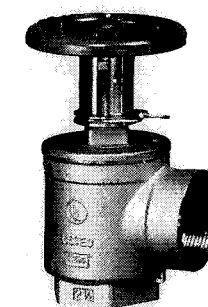
Model

4090 1½"/3.8 cm Size

4095 2½"/6.4 cm Size



4080 & 4085



4090 & 4095

NOTE: ALWAYS INDICATE HOSE THREAD REQUIREMENTS

All dimensions in English and Metric.

HOSE ASSEMBLY ACCESSORIES

POTTER-ROEMER



A Division of Smith Industries, Inc.

CABINET ESCUTCHEONS

FUNCTION: Used to conceal pipe entry into cabinet.

Model 2750 1 1/2" / 3.8 cm
Stamped steel, polished chrome plated.

Model 2751 2 1/2" / 6.4 cm
White, high-heat polystyrene.

BRASS RACK NIPPLE

FUNCTION: Used to support hose rack from valve and adapt pipe thread to hose thread.

REGULARLY FURNISHED:
Cast brass hexagon-type hose rack nipple with male NPT x male hose thread.

Model 2755 1 1/2" / 3.8 cm

Model 2756 2 1/2" / 6.4 cm

OPTIONAL FINISHES:

- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

SPECIFY: Thread

BRASS AUTOMATIC DRAIN VALVE

FUNCTION: Used to prevent water damage to hose due to valve leakage.

REGULARLY FURNISHED:
Cast brass female pin lug swivel hose thread x male hose thread drain valve with ball seal, activated at 3 PSI / .2 bars.

Model 2760 1 1/2" / 3.8 cm

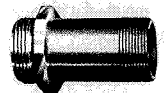
OPTIONAL FINISHES:

- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

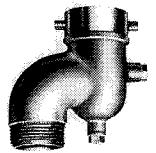
SPECIFY: Thread



2750 & 2751



2755 & 2756



2760

BRASS ADJUSTABLE PRESSURE RESTRICTING DEVICE

FUNCTION: Used to reduce water pressure at hose line by restricting flow. Removable breakable link allows restriction to be overridden.

REGULARLY FURNISHED:

Cast brass finish, female pin lug swivel hose thread x male hose thread adjustable pressure restricting device, furnished with field setting chart.

Model 2765 1 1/2" / 3.8 cm

Model 2766 U/L 2 1/2" / 6.4 cm

OPTIONAL FINISHES:

- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

SPECIFY: Thread

BRASS RESTRICTING DISC

FUNCTION: Used to reduce water pressure at hose line by restricting flow. Brass disc with orifice size as ordered.

Model 2770 1 1/2" / 3.8 cm

Model 2771 2 1/2" / 6.4 cm

SIZING INFORMATION:

$$A = 0.0425 \frac{Q}{\sqrt{P_1 - P_2}}$$

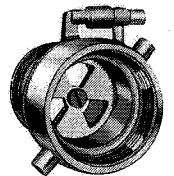
A2 = Orifice Size in Square Inches

Q = Flow in GPM

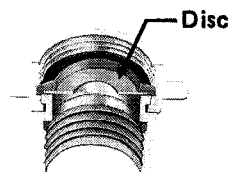
P₁ = Inlet Pressure

P₂ = Required Outlet Pressure

.0425 x GPM/lpm divided by square root of difference between inlet pressure and required outlet pressure results in orifice size, in square inches.



2765 & 2766



2770 & 2771

SEMI-AUTOMATIC HOSE RACK

FUNCTION: Used to store hose ready for one-man operation of assembly. Water retention device stops water at first fold, after valve is open, until preceding folds are free of rack.

Model 2792 For Use With 1 1/2" / 3.8 cm Valve and 1 1/2" / 3.8 cm Model 2915 Hose

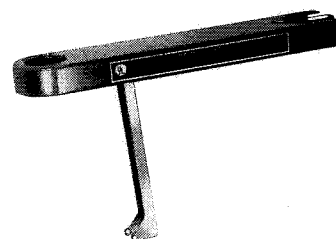
Model 2794 For Use With 2 1/2" / 6.4 cm Valve and 1 1/2" / 3.8 cm Model 2915 Hose

REGULARLY FURNISHED:

U/L listed ◀ FM ▶ approved pin-type hose rack, powder-coated with an electrostatically-applied, thermally-fused, red polyester finish; welded all-steel cover with water retention device and combination nozzle clip. Type of rack as selected by model number. Pins provided to accommodate only the maximum length hose allowable.

OPTIONAL FINISH:

- D Polished Chrome Plated



2792 & 2794

Note: Listing valid only when appropriate Potter-Roemer hose is used.

NOTE: ALWAYS INDICATE HOSE THREAD REQUIREMENTS.

All dimensions in English and Metric.

Rack Hose - RBX

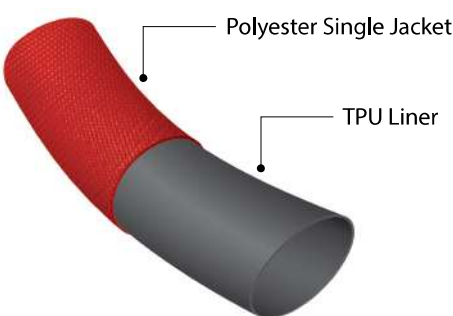
Single Jacket, TPU Liner

★ Features

- 100% filament polyester as both warp and weft/filler
- Compact and Light weight
- Easy to deploy
- Pin folded for ease of installation
- Low friction loss for maximum flow
- Additional coatings available to increase the abrasion resistance
- Temperature range from -58°F to 158°F (-50°C to 70°C)



📦 Construction



🛡️ Standard

- FM 2111/2131, **UL** ULC219 approved

📊 Technical Data

Nominal Size		Working Pressure		Test Pressure		Burst Pressure		Certification
inch	mm	psi	bar	psi	bar	psi	bar	
1-1/2"	38	250	17	500	34	750	51	  
1-3/4"	45	250	17	500	34	750	51	
2"	52	250	17	500	34	750	51	
2-1/2"	65	250	17	500	34	750	51	

SPECIFICATIONS

ADJUSTABLE NOZZLES

Polycarbonate w/ bumper - Red injection molded polycarbonate nozzle with rubber bumper. Size as selected by model number.

Brass - Cast brass nozzle with satin finish

BRASS WITH BUMPER

Cast brass nozzle with satin finish and rubber bumper. Size as selected by model number.

“ALL-FOG” ADJUSTABLE NOZZLES FOR ELECTRICAL APPLICATIONS

Used on class A, B, and C fires. Adjustments from full fog to shutoff with no straight stream position. Suitable for use in electrical hazard areas at distances of 10 feet and greater with voltage levels below 250,000 volts.

Polycarbonate w/ bumper - Red injection molded polycarbonate nozzle with rubber bumper.

Brass w/ bumper - Cast brass nozzle with satin finish and rubber bumper.



PRODUCT OPTIONS

FINISHES: (Brass Models Only)

- ☐ -B Polished Brass
- ☐ -C Rough Chrome Plated
- ☐ -D Polished Chrome Plated

THREADS:

- ☐ N.S.T.
- ☐ N.P.S.H. (Polycarbonate Models Only)
- ☐ N.Y.F.D. (Polycarbonate Models Only)
- ☐ C.F.D.T. (Polycarbonate Models Only)
- ☐ Other _____

**NOTE: ALWAYS INDICATE HOSE THREAD REQUIREMENTS

MODEL SELECTION

- ☐ 2959 Polycarbonate w/ bumper
- ☐ 2960 Polycarbonate w/ bumper
- ☐ 2961 Polycarbonate w/ bumper
- ☐ 2962 Brass
- ☐ 2971 Brass w/ bumper
- ☐ 2972 Brass w/ bumper
- ☐ 2973 Brass w/ bumper
- ☐ 2974 Brass w/ bumper
- ☐ 2980 Polycarbonate w/ bumper
- ☐ 2985 Brass w/ bumper

Call Potter Roemer - Fire Pro for current listings and approvals. Dimensions are subject to manufacturer's tolerance and may change without notice. Potter Roemer - Fire Pro assumes no responsibility for use of void or superseded data. © Copyright Potter Roemer - Fire Pro, Member of Morris Group International™ Please visit potterroemer.com for most current specifications.

2959-2985 SERIES Date: 09/04/15

MEMBERSHIP



FIRE EQUIPMENT
MANUFACTURERS'
ASSOCIATION



ONFSA
NATIONAL FIRE SPRINKLER ASSOCIATION, INC.



POTTER ROEMER/FIRE PRO

Headquarters:
P.O. Box 3527
City of Industry, CA
91744 U.S.A.
Los Angeles Area
800-366-3473
626-855-4890

Also in:
New York (800) 526-4592
Chicago (800) 547-3473
Atlanta (800) 762-0542
Miami (866) 961-3473
Dallas (866) 644-3473

www.potterroemer.com

MODEL DIMENSIONS

ADJUSTABLE NOZZLE POLYCARBONATE WITH BUMPER

Model No.	Size
2959	1"
2960	1-1/2"
2961	2-1/2"



ADJUSTABLE NOZZLE BRASS

Model No.	Size
2962	1-1/2"



UL US LISTED

BRASS NOZZLE WITH BUMPER

Model No.	Size
2971	1"
2972	1-1/2"
2973	2-1/2"
2974	For Playpipe use (threaded ULT only)



UL US LISTED

"All-FOG" ADJUSTABLE NOZZLES FOR ELECTRICAL APPLICATIONS POLYCARBONATE WITH BUMPER

Model No.	Size
2980	1-1/2"



"ALL-FOG" ADJUSTABLE NOZZLES FOR ELECTRICAL APPLICATIONS BRASS WITH BUMPER

Model No.	Size
2985	1-1/2"



UL US LISTED

Call Potter Roemer - Fire Pro for current listings and approvals. Dimensions are subject to manufacturer's tolerance and may change without notice. Potter Roemer - Fire Pro assumes no responsibility for use of void or superseded data. © Copyright Potter Roemer - Fire Pro, Member of Morris Group International™ Please visit potterroemer.com for most current specifications.

2959-2985 SERIES Date: 09/04/15

MEMBERSHIP



FIRE EQUIPMENT
MANUFACTURERS'
ASSOCIATION



CASPE
American Society of
Plumbing Engineers

ONFSA
NATIONAL FIRE SPRINKLER ASSOCIATION, INC.



POTTER ROEMER/FIRE PRO

Headquarters:
P.O. Box 3527
City of Industry, CA
91744 U.S.A.
Los Angeles Area
800-366-3473
626-855-4890

Also in:
New York (800) 526-4592
Chicago (800) 547-3473
Atlanta (800) 762-0542
Miami (866) 961-3473
Dallas (866) 644-3473

www.potterroemer.com