

AUTOMATIC FIRE SPRINKLER HEADS AND ACCESSORIES

FUNCTION: Used to discharge a water pattern to control fire automatically. Actuated by a heat-sensitive, liquid-filled glass bulb.

VARIATIONS: Specify

– **Small Orifice** 1/4" / 0.6 cm, 5/16" / 0.7 cm, 3/8" / 0.9 cm, 7/16" / 1.1 cm

– **Large Orifice** 1 7/32" / 1.35 cm

FINISHES:

– Brass
 – White

– Bright Brass
 – Wax Over Lead

– Chrome-Plated
 – Black

– Wax
 – Lead-Coated

 <p>UL FM</p> <p>PENDANT</p>	<p>Installed below the lateral piping.</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Degrees</th> <th>Bulb Color</th> </tr> </thead> <tbody> <tr> <td>6111</td> <td>155</td> <td>Red</td> </tr> <tr> <td>6112</td> <td>200</td> <td>Green</td> </tr> <tr> <td>6113</td> <td>286</td> <td>Blue</td> </tr> <tr> <td>6114</td> <td>360</td> <td>Mauve</td> </tr> </tbody> </table> <p>STANDARD RESPONSE</p>	Model No.	Degrees	Bulb Color	6111	155	Red	6112	200	Green	6113	286	Blue	6114	360	Mauve	<p>Installed above the lateral piping.</p> <table border="1"> <thead> <tr> <th>Model No.</th> <th>Degrees</th> <th>Bulb Color</th> </tr> </thead> <tbody> <tr> <td>6121</td> <td>155</td> <td>Red</td> </tr> <tr> <td>6122</td> <td>200</td> <td>Green</td> </tr> <tr> <td>6123</td> <td>286</td> <td>Blue</td> </tr> <tr> <td>6124</td> <td>360</td> <td>Mauve</td> </tr> </tbody> </table> <p>STANDARD RESPONSE</p>	Model No.	Degrees	Bulb Color	6121	155	Red	6122	200	Green	6123	286	Blue	6124	360	Mauve	 <p>UL FM</p> <p>UPRIGHT</p>									
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 <p>UL FM</p> <p>ESFR</p>	<p>Early Suppression/Fast Response</p> <ul style="list-style-type: none"> • Plain brass pendent only • Ideal for warehouse installation • Suppress rather than control fire • 155° and 200° rating <p>Extended Coverage Quick Response</p> <ul style="list-style-type: none"> • Economy • Reduced piping • Light hazard • Maximum room size 16' x 24' / 4.9 m x 7.1 m • 135° rating <p>Call Potter-Roemer for current listings and approvals. Dimensions are subject to manufacturer's tolerance and change without notice. We assume no responsibility for use of superseded or void data.</p>		 <p>UL FM</p> <p>ECQR</p>																																							



SPRINKLER ACCESSORIES AND TESTING EQUIPMENT

CANOPY



Size

- Model 6152 2 1/4" / 5.7 cm Long
 - Model 6154 4" / 10.2 cm Long
 - Model 6156 6" / 15.2 cm Long
 - Model 6158 Adjustable 2"-3" / 5-7.6 cm
- Polished aluminum with weep hole. Used to conceal and trim pipe penetration of finished ceiling. Depth as selected by Model Number.

SPARE HEAD BOX



- Model 6162**
Red glossy polyester coated steel box used to store sprinklers for emergency replacement. Will accommodate a maximum of twelve 1/2" / 1.2 cm or 3/8" / 1.35 cm heads (or 6-ESFR heads) and sprinkler wrench.

TEST AND DRAIN



Size

- Model 6166 3/4" / 1.9 cm
 - Model 6167 1" / 2.5 cm
 - Model 6168 1 1/4" / 3.2 cm
 - Model 6169 1 1/2" / 3.8 cm
 - Model 6170 2" / 5 cm
- Forged brass Female x Female body with spring loaded position indicator with positive shut off. In-line flow with self-draining, clearable sight glass. Tamper-proof orifice permanently installed.

PITOT TUBE



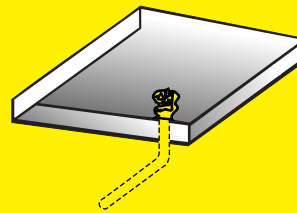
- Model 6177**
CHROME PLATED 16 1/2" / 41.9 cm long tube with rubber grip and 200 lb. / 138 bars liquid-filled pressure gauge, in 2 lb. / 0.9 kg increments. Used to conduct residual pressure and flow tests on standpipe and sprinkler systems. Furnished with computation table.
- OPTION: -C** White glossy polyester coated carrying case with foam lining.

GUARD



- Model 6160**
Red painted wire cage used for sprinkler head protection.


BAFFLE



- Model 6165**
Galvanized steel, used to prevent open sprinkler from cooling adjoining sprinklers when spaced less than 6' / 1.8 m apart.
SPECIFY: Size required

LINE TESTER



- Model 6175** 
Forged brass body, 1" / 2.5 cm female NPT inlet x 1/2" / 1.2 cm female outlet (sprinkler head) x 1" / 2.5 cm NPSH drain outlet with cap and chain and wrench-operated shutoff. Installed with the last sprinkler head on system branch lines. Controls water flow for flushing or testing of the system.

TESTING EQUIPMENT



Used to conduct pressure tests on standpipe or sprinkler systems. Size and type as selected by Model Number.

- | ADAPTER TYPE | Size | CAP TYPE | Size |
|--------------|-----------------------|------------|-----------------------|
| Model 6181 | 1 1/2" / 3.8 cm | Model 6183 | 1 1/2" / 3.8 cm |
| Model 6182 | 2 1/2" / 6.4 cm | Model 6184 | 2 1/2" / 6.4 cm |
- Female swivel hose thread x male hose thread.
Female hose thread with pet cock.
SPECIFY: Threads

SPRINKLER ACCESSORIES AND TESTING EQUIPMENT

POTTER-ROEMER



A Division of Smith Industries, Inc.

TOTALIZER

FUNCTION: Used to accurately measure the flow rate and pressure of any 2½"/6.4 cm outlet connection. Range of operation is 50 to 600 GPM/189.2 to 2271 lpm with a maximum pressure of 150 PSI/10.3 bars.

REGULARLY FURNISHED: Meter tube is made of fusion-bonded, epoxy-coated carbon and stainless steel. The flow rate indicator is calibrated in increments of 10 GPM/37.8 lpm. Six digit totalizer registers in U.S. Gallons. 2½"/6.4 cm female swivel inlet equipped with a 2½"/6.4 cm diameter, 200 PSI/13.7 bars pressure gauge, reading in 5 PSI/0.3 bars increments. 2½"/6.4 cm male outlet with a hose gate shut-off feature.

SPECIFY: Threads



6185

DIFFUSER

FUNCTION: Used to control high pressure water during hydrant testing. Mechanically reduces pressure to an easily manageable flow.

REGULARLY FURNISHED: Ruggedly constructed of solid steel body with replaceable pressure tube, ball bearing swivel and 2½"/6.4 cm female inlet. Swivel design allows for aim of flow, reduces risk of damage and enables the performance of flow testing.



6188

FLOW SWITCHES

FUNCTION: Used to detect a flow of water through a sprinkler system. Transmits an electrical impulse to activate audible or visual alarm. Retard feature minimizes false alarms.

REGULARLY FURNISHED: Red, tamper-proof switch housing with flow paddle. Adjustable pneumatic retard setting from 0 to 90 seconds. Two single-pole, double-throw microswitches to operate separate circuits, 120 Volt A.C. Type and size as selected by Model Number.

6200 SERIES for Steel Pipe

Model 6201	.....	.2"/5 cm
Model 6202	.....	.2½"/6.4 cm
Model 6203	.....	.3"/7.6 cm
Model 6204	.....	.3½"/8.9 cm
Model 6205	.....	.4"/10.2 cm
Model 6206	.....	.5"/12.7 cm
Model 6207	.....	.6"/15.2 cm
Model 6208	.....	.8"/20.3 cm

6210 SERIES for Copper Tube

Model 6211	.....	.2"/5 cm
Model 6212	.....	.2½"/6.4 cm

6215 SERIES for Small Diameter Steel Pipe

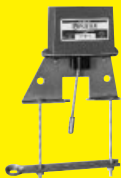
Model 6216	.....	.1"/2.5 cm
Model 6217	.....	.1½"/3.8 cm



6201-6208

SUPERVISORY SWITCHES

FUNCTION: Used to detect unauthorized operation of a main control valve in a sprinkler or standpipe system. Transmits an electrical impulse to activate audible or visual alarm.



Model 6220
For use with OS&Y gate valve from ½"/1.2 cm thru 12"/30.4 cm. Red, tamper-proof cover, with J-bolt mounting. Two double-pole double-throw microswitches.



Model 6221
For use with rising stem Globe valves from ½"/1.2 cm thru 2½"/6.4 cm. Red, tamper-proof cover, with collar and mounting bracket. One single-pole, single-throw microswitch.



Model 6222
For use with sprinkler system valves. Remote installation allows varied application. Red, tamper-proof cover, with mounting bracket and water-proof cable. One single-pole, normally-closed, microswitch.



Model 6223
For use with post indicator type valves and regulating valves. Red, tamper-proof cover, ½"/1.2 cm pipe mounting nipple, two single-pole double-throw microswitches.



SPRINKLER ACCESSORIES AND METAL IDENTIFICATION SIGNS

ALARM BELL



Model 6230

FUNCTION: Used on sprinkler or standpipe systems to sound alarm when activated by electrical pulse from a flow switch or other supervisory devices.

REGULARLY FURNISHED: 10"/25.4 cm round red enamel steel bell with a 120 Volt A.C. electric motor.

VARIATION: 12 or 24 Volt D.C. Electric Motor (specify).

BELL GUARD



Model 6235

FUNCTION: Used to protect alarm bell operating mechanism from entry of foreign matter.

REGULARLY FURNISHED: Red wire cage with center hole for attachment to bell.

PRESSURE GAUGE



Model 6240

FUNCTION: Used on sprinkler or standpipe system to provide pressure readings.

Model	Size	Pressure
6240	. . . 3 1/2" / 8.9 cm	0-300 PSI / 0-20.6 bars
6241	. . . 2 1/2" / 6.4 cm	0-100 PSI / 0-06.8 bars
6242	. . . 2 1/2" / 6.4 cm	0-200 PSI / 0-13.7 bars
6243	. . . 2 1/2" / 6.4 cm	0-300 PSI / 0-20.6 bars
6244	. . . 2 1/2" / 6.4 cm	0-400 PSI / 0-27.5 bars
6245	. . . 2 1/2" / 6.4 cm	0-600 PSI / 0-41.3 bars

METAL IDENTIFICATION SIGNS

2" x 6" / 5 cm x 15.2 cm

Model No.	Lettering	Model No.	Lettering
6301	AUXILIARY DRAIN	6313	DRAIN VALVE
6302	INSPECTORS TEST	6314	ALARM TEST
6303	WATER MOTOR LINE	6315	TEST VALVE
6304	OPEN SPRINKLER CONTROL	6316	CONTROL VALVE
6305	OPEN SPRINKLER DRAIN	6317	ALARM LINE
6306	IN THIS BUILDING	6318	AIR LINE
6307	FROM CITY MAIN	6319	MAIN CONTROL
6308	IN THIS SECTION	6320	FIRE SPRINKLER VALVE DO NOT CLOSE
6309	ANTI-FREEZE SYSTEM	6321	DRY STANDPIPE
6310	ENTIRE SYSTEM	6322	SPRINKLER DRAIN VALVE
6311	DRAIN	6324	GAS SHUTOFF
6312	MAIN DRAIN	6325	DANGER UNSAFE WATER

4" x 8" / 10.2 cm x 20.3 cm

6329	DRY STANDPIPE SHUTOFF	6332	FIRE ALARM (L-SHAPED DOUBLE FACE)
6330	WET STANDPIPE SHUTOFF	6333	FIRE ALARM (V-SHAPED DOUBLE FACE)
6331	COMBINATION STANDPIPE SHUTOFF		

5 1/2" x 12" / 14 cm x 30.4 cm

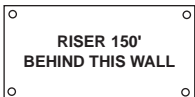
6" DIAMETER / 15.2 cm

6334	FIRE EXT AND ALARM INSIDE	6340	SPRINKLER FIRE ALARM WHEN BELL RINGS CALL FIRE DEPT OR POLICE
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SIGN CHAIN

6345	BRIGHT PLATED METAL CHAIN FOR IDENTIFICATION SIGNS
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CUSTOM ENGRAVED ESCUTCHEONS, PLATES AND SIGNS



F.D.C.
2020 - 2040
AVENUE OF THE STARS
COMBINED STANDPIPE
SYSTEM PRESSURE
450 PSI

- MATERIALS**
- BRASS
 - ALUMINUM
 - STEEL
 - LAMINATED PLASTIC
 - POWDER COATED
 - MANY MORE

Approved by
 Date

POTTER-ROEMER
A Division of Smith Industries, Inc.
9023 Edwards Rd., Corona, CA 92620
Phone: (951) 361-0471 Fax: (951) 664-7260

Escutcheon, "AUTO SPKR", 4 7/8" x 4 7/8" in Brass with customized lettering.
Description

5962-A
Model #

FAX YOUR ROUGH DRAWING. WE'LL RETURN A CAD DRAWING FOR YOUR APPROVAL.