The AGF Model 1000 TESTanDRAIN® provides the test and express drain functions for wet fire sprinkler systems (NFPA 13, NFPA 13D, and NFPA 13R).

The Model 1000 TESTanDRAIN® is available in a full range of sizes (¾" to 2") with NPT connections (BSPT available).

Sizes:

<table>
<thead>
<tr>
<th>Size</th>
<th>&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>¾&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>1¼&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>1½&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>2&quot;</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

- Complies with NFPA 13, NFPA 13D, and NFPA 13R Requirements
- Compact, Single-Handle Ball Valve
- Tamper-Resistant Test Orifice and Sight Glasses
- 300 PSI rated.
- Specifiable orifice sizes: ¾" (2.8K), ⅞" (4.2K), ½" (5.6K), ⅞" (8.0K), ⅝" (11.2K, ELO), ¾" (14.0K, ESFR), and K25
- Tapped and Plugged Port for System Access
- Locking Kit Available

Repair kits are available for all TESTanDRAIN® valves. Kit includes: Adapter Gasket (1), Ball (1), Valve Seats (2), Stem Packing (1), and Stem Washer (1). Valve and orifice size must be specified when ordering.
The Model 1000 provides the following...

From the 2013 Edition of NFPA 13

Chapter 8.16.2.4.1* Provisions shall be made to properly drain all parts of the system.
Chapter 8.16.2.4.2 Drain connections, interior sectional or floor control valve(s) – shall be provided with a drain connection having a minimum size as shown in Table 8.16.2.4.2.
Chapter 8.16.2.4.4 Drains shall discharge outside or to a drain capable of handling the flow of the drain.
Chapter A.8.17.4.2 (Wet Pipe System) test connection is permitted to terminate into a drain capable of accepting full flow… using an approved sight test connection containing a smooth bore corrosion-resistant orifice giving a flow equivalent to one sprinkler.
Chapter 8.17.4.2.2 The test connection valve shall be accessible.
Chapter 8.17.4.2.4 shall be permitted to be installed in any location… downstream of the waterflow alarm.
Chapter 8.17.4.3.1 (Dry Pipe System) a trip test connection not less than 1" in diameter, terminating in a smooth bore corrosion-resistant orifice, to provide a flow equivalent to one sprinkler...
Chapter 8.17.4.3.2 The trip test connection… with a shutoff valve and plug not less than 1", at least one of which shall be brass.

Dimensions

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot;</td>
<td>51/16&quot; (128 mm)</td>
<td>11/2&quot; (37.5 mm)</td>
<td>23/16&quot; (57 mm)</td>
<td>35/32&quot; (93 mm)</td>
<td>33/32&quot; (86 mm)</td>
<td>113/16&quot; (46 mm)</td>
<td>49/16&quot; (117 mm)</td>
<td>63/16&quot; (162.5 mm)</td>
</tr>
<tr>
<td>1&quot;</td>
<td>51/16&quot; (128 mm)</td>
<td>11/2&quot; (37.5 mm)</td>
<td>23/16&quot; (57 mm)</td>
<td>35/32&quot; (93 mm)</td>
<td>33/32&quot; (86 mm)</td>
<td>113/16&quot; (46 mm)</td>
<td>49/16&quot; (117 mm)</td>
<td>63/16&quot; (162.5 mm)</td>
</tr>
<tr>
<td>1 1/4&quot;</td>
<td>51/8&quot; (163 mm)</td>
<td>11/4&quot; (43 mm)</td>
<td>27/16&quot; (65 mm)</td>
<td>41/8&quot; (108 mm)</td>
<td>35/16&quot; (83 mm)</td>
<td>115/16&quot; (51 mm)</td>
<td>59/16&quot; (141 mm)</td>
<td>71/2&quot; (192 mm)</td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td>61/8&quot; (163 mm)</td>
<td>1 1/16&quot; (45 mm)</td>
<td>3 1/4&quot; (81.5 mm)</td>
<td>51/16&quot; (127 mm)</td>
<td>35/8&quot; (99 mm)</td>
<td>25/8&quot; (67 mm)</td>
<td>81/4&quot; (207 mm)</td>
<td>10 1/8&quot; (274 mm)</td>
</tr>
<tr>
<td>2&quot;</td>
<td>61/8&quot; (163 mm)</td>
<td>1 1/16&quot; (45 mm)</td>
<td>3 1/4&quot; (81.5 mm)</td>
<td>51/16&quot; (127 mm)</td>
<td>35/8&quot; (99 mm)</td>
<td>25/8&quot; (67 mm)</td>
<td>81/4&quot; (207 mm)</td>
<td>10 1/8&quot; (274 mm)</td>
</tr>
</tbody>
</table>

Orifice Sizes


Materials

Handle ............... Steel
Stem .................. Rod Brass
Ball ................. C.P. Brass
Body .................. Bronze
Valve Seat.......... Impregnated Teflon®
Indicator Plate .... Steel
Handle Stop ......... Steel

Approvals

UL and ULC Listed:
FM Approved

USA Patent # 4741361 and Other Patents Pending

AGF Manufacturing Inc.
100 Quaker Lane, Malvern, PA 19355
Phone: 610-240-4900
Fax: 610-240-4906
www.testandrain.com

Job Name:__________________________
Architect:__________________________
Engineer:__________________________
Contractor:__________________________