The AGF Manufacturing Inc. Model 1500 DRAIN anTEST Valve is designed for use as the 2" main drain and test valve for wet pipe sprinkler systems used for the testing of alarm devices attached to the alarm check valve.

- The AGF Model 1500 Complies With The NFPA-13 Requirements For The Main Drain Test Connection As Detailed In Sections 5-14.2.4.4 And 5-15.4.1, Appendix A-5-15.4.1, And Exhibits 5.28, 5.29, And 5.38.
- The AGF Model 1500 DRAIN anTEST Valve Is A Compact, Single Handle Ball Valve, Which Includes A Tamper-Resistant Test Orifice And Is 300 PSI Rated.
- The Model 1500 Can Be Ordered With A Relief Valve And Bypass Drain Line As The Model 1511 To Meet NFPA-13 Requirements For The Installation Of A Relief Valve On Gridded Wet Pipe Systems As Detailed In Section 4-1.2. (See drawing A)
- Locking Kit Available To Provide Vandal Protection And Prevent Unintentional Alarm Activation. (See drawing B)

**INSTALLATION**
- A. Check the indicating plate for the correct orifice size.
- B. Thread the inlet of the DRAIN anTEST onto the nipple from the alarm valve drain port.
- C. Connect the main drain pipe to the outlet of the DRAIN anTEST valve.

**OPERATION**
- A. Alarm Check Valve Test:
  1. Turn valve handle clockwise from "Off" to "Test" position. The handle will stop automatically.
  2. After test is completed, turn handle to "Off" position.
- B. Water Supply Flow Test:
  1. Depress "Push" button and turn handle counterclockwise to "Drain" position.
  2. After test is completed, turn handle to "Off" position.
- C. To drain the system:
  1. Close supply control valve
  2. Depress "Push" button and turn handle counterclockwise to "Drain" position.
  3. When system is empty, return handle clockwise to "Off" position.

**MAINTENANCE**
- Operate the Model 1500 DRAIN anTEST after installation and periodically as required by the Authority Having Jurisdiction. Repeated operation of the valve may cause the packing gland to loosen. If leakage from the packing gland occurs:
  A. Remove hex nut and handle. (Note position of handle prior to removal, so handle may be re-installed in same position.)
  B. Tighten packing gland by turning the hex nut clockwise. Do not over-tighten.
  C. Replace handle and hex nut
  D. Operate the DRAIN anTEST to verify that the packing gland has not been over-tightened and the handle operates properly (see "OPERATION").

**REPAIR/REPLACEMENT**
- Repair or replacement kits, AGF Part #982, are available and contain the following: 2 Ball Seats 1 Stem Washer 1 End Adapter Seal Ring 1 Stem Gasket AGF Part #966 replacement ball (please indicate proper test orifice size) Items from the Material List are also available individually. You can also order a replacement ball, AGF Part #942. Please indicate proper TEST orifice size.

**Material List**

<table>
<thead>
<tr>
<th>Part</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handle</td>
<td>Steel</td>
</tr>
<tr>
<td>Stem</td>
<td>Rod Brass</td>
</tr>
<tr>
<td>Ball</td>
<td>C.P. Bronze</td>
</tr>
<tr>
<td>Body</td>
<td>Iron</td>
</tr>
<tr>
<td>V alve Seat</td>
<td>Impregnated Teflon</td>
</tr>
<tr>
<td>Indicator Plate</td>
<td>Steel</td>
</tr>
<tr>
<td>Handle Lock</td>
<td>Spring Steel</td>
</tr>
</tbody>
</table>

**Approvals:**
- UL and ULC listed

Visit us on the Internet at [www.testandrain.com](http://www.testandrain.com)