



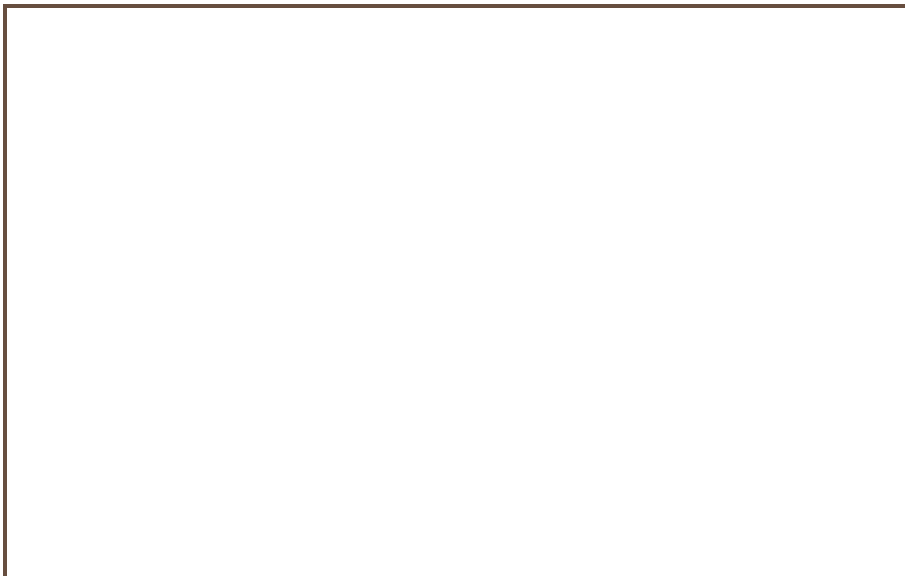
Model 1500

DRAIN_{AN}TEST[®]

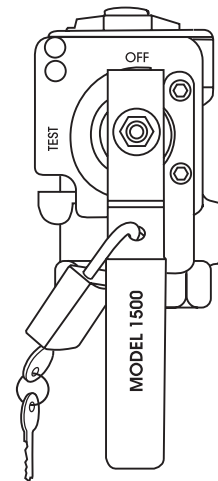
Alarm Main Drain and Test Valve



2" BSPT

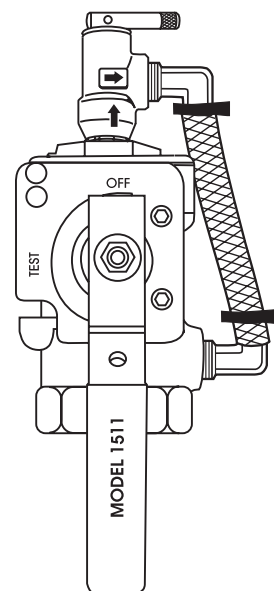


WITH OPTIONAL LOCKING KIT



- The AGF Manufacturing Inc. **Model 1500 DRAIN_{AN}TEST** 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 **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, Figure A-5-15.4.1, and Exhibits 5.28, 5.29, and 5.38.
- The **Model 1500 DRAIN_{AN}TEST** is a compact, single handle iron body ball valve that includes a tamper resistant test orifice and is 300 PSI rated.
- Available in 2" BSPT (NPT available on special order) with all specified orifice sizes of $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{17}{32}$ ", $\frac{5}{8}$ " (ELO), $\frac{3}{4}$ " (ESFR), and K25. Test orifice sizes are noted on the indicator plate.
- 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.
- Locking kit available to provide vandal resistance or prevent unintentional alarm activation.

MODEL 1511 WITH PRESSURE RELIEF VALVE & BYPASS LINE



Reliability, Versatility, Code Compatibility

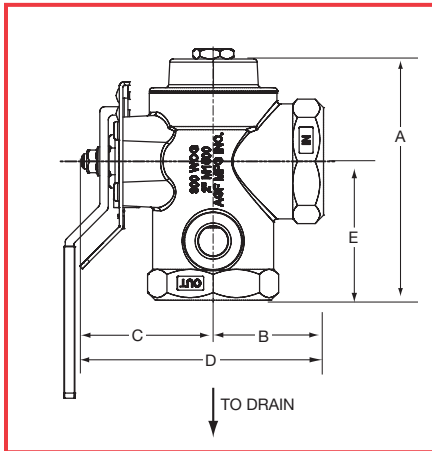


DRAINanTEST®

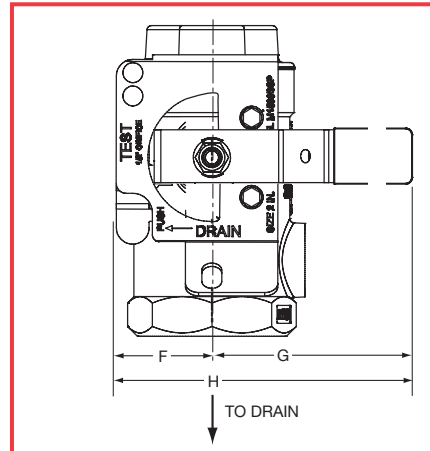
Model 1500

300 PSI Iron Body Ball Valve

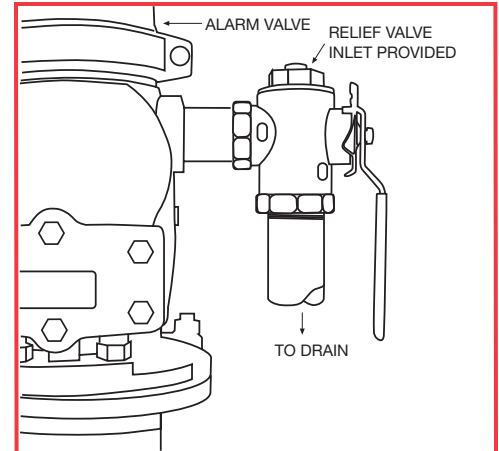
MODEL 1500 - PLAN VIEW



MODEL 1500 - FRONT VIEW



FRONT VIEW - VERTICAL INSTALL



DIMENSIONS

Orifice Size Available: $\frac{3}{8}$ " , $\frac{7}{16}$ " , $\frac{1}{2}$ " , $\frac{17}{32}$ " , ELO ($\frac{5}{8}$ "), ESFR ($\frac{3}{4}$ "), & K25

SIZE	A	B	C	D	E	F	G	H
2"	5 $\frac{5}{8}$ " (143 mm)	2 $\frac{9}{8}$ " (67 mm)	3 $\frac{1}{4}$ " (82.5 mm)	5 $\frac{7}{8}$ " (149 mm)	3 $\frac{1}{2}$ " (89 mm)	1 $\frac{1}{2}$ " (38 mm)	6" (152 mm)	7 $\frac{1}{2}$ " (190.5 mm)

APPROVALS UL and ULC Listed

INSTALLATION

1. Check the indicating plate for the correct orifice size.
2. Thread the inlet of the **DRAINanTEST** onto the nipple from the alarm valve drain port.
3. Connect the main drain pipe to the outlet of the **DRAINanTEST** valve.

OPERATION

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.

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.

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.

MATERIALS

Handle: Steel
 Stem: Rod Brass
 Ball: C.P. Brass
 Body: Iron
 Valve Seat: Impregnated Teflon®
 Indicator Plate: Steel
 Handle Lock: Spring Steel

MAINTENANCE

Operate the Model 1500 **DRAINanTEST** 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:

1. Remove hex nut and handle. (Note position of handle prior to removal, so handle may be re-installed in same position.)
2. Tighten packing gland by turning the hex nut clockwise. Do not over-tighten.
3. Replace handle and hex nut.
4. Operate the **DRAINanTEST** to verify that the packing gland has not been overtightened and the handle operates properly.

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.

Items from the Material List are available individually. You can also order a replacement ball, AGF Part #942. Please indicate proper TEST orifice size.

