Model 8011 NFPA 13R Residential Riser Pack

2.1 SPRINKLER SPECIALTY PIPE FITTINGS

* + - * 1. Flow Detection and Test Assemblies:

Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

AGF Manufacturing Inc.; Model 8011 13R Residential RiserPACK.

<**Insert manufacturer's name**>.

Pre-Assembled TESTanDRAIN Riser:

One-piece bronze casting, lettered on both sides allowing right or left installation and providing required signage for flow direction, test and drain outlet, and gauge location.

Standards:

UL's "Product iQ" listing or "Approval Guide," published by FM Global, listing.

NFPA 13R

Pressure Rating: 300 psig (2070 kPa).

Test Orifice Size 1 inch (25 mm) Model:

\*\* NOTE TO SPECIFIER \*\* Delete orifice size not required.

Test Orifice Size: Nominal 2.8K (3/8 inch), as required by NFPA 13, latest edition.

Test Orifice Size: Nominal 4.2K (7/16 inch), as required by NFPA 13, latest edition.

Test Orifice Size: Nominal 5.6K (1/2 inch), as required by NFPA 13, latest edition.

Test Orifice Size 1-1/4, 1-1/2, and 2 inches (32 mm, 38 mm, 51 mm) Models.

\*\* NOTE TO SPECIFIER \*\* Delete orifice size not required.

Test Orifice Size: Nominal 2.8 K (3/8 inch), as required by NFPA 13, latest edition.

Test Orifice Size: Nominal 4.2K (7/16 inch), as required by NFPA 13, latest edition.

Test Orifice Size: Nominal 5.6K (1/2 inch), as required by NFPA 13, latest edition.

Test Orifice Size: Nominal 8.0K (17/32 inch), as required by NFPA 13, latest edition.

Test Orifice Size: Nominal 11.2K (5/8 inch, ELO), as required by NFPA 13, latest edition.

Size: Same as connected piping.

\*\* NOTE TO SPECIFIER \*\* Delete inlet and outlet size not required.

Inlet and Outlet: Threaded.

Inlet and Outlet: Grooved 1-1/2 to 2 inches (38 mm to 51 mm).

Inlet and Outlet: Threaded and Grooved 1-1/2 to 2 inches (38 mm to 51 mm).

3/4 inch Male x Female ball valve 1 inch (25 mm) Model: Orifice specific outlet designed to accept either a standard garden hose or hard piped drain outlet.

AGF Model 3011BV Inspector’s TEST ball valve 1-1/4, 1-1/2, and 2 inch (32 mm, 38 mm, 51 mm) Models.

Water flow alarm switch.

Pressure Gauge: AGF Model 7500.

1/4 inch, 3-way globe valve: AGF Model 7600

\*\* NOTE TO SPECIFIER \*\* Option. Delete pressure relief valve not required.

Pressure Relief Valve and Drainage Piping 1-1/4 to 2 inches (32 to 51 mm) Model: AGF Model 7000.

\*\* NOTE TO SPECIFIER \*\* Delete pressure rating not required.

Pressure Rating: Factory rated at 175 PSI.

Pressure Rating: 165 PSI.

Pressure Rating: 185 PSI.

Pressure Rating: 195 PSI.

Pressure Rating: 205 PSI.

Pressure Rating: 225 PSI.

Pressure Rating: 250 PSI.

Body Material: Bronze body and stainless steel spring.

Components: Nylobraid flexible tube, One 1/2 inch (13 mm) NPT by barbed 90 degree elbow, one ½ inch (13 mm) NPT by barbed straight adapter, external identification plate and integral flushing handle to remove debris.

1/2 inch (13 mm) MIPT inlet, 1/2 inch (13 mm) FIPT outlet.

Relief pressure shall be factory set to project specifications.

Relief valve shall operate to the OPEN position between 90% and 105% of the set pressure.

Relief valve shall reseat or CLOSE at a minimum of 80% of set pressure.