AGF Manufacturing Inc.

RiserPACK™

Floor Control Assemblies for Residential and Commercial Wet Fire Sprinkler Systems

Reliability, Versatility, Code Compatibility
Simplify Your Floor Control with AGF RiserPACK™
Pre-Assembled to Your Specifications

AGF Manufacturing’s Residential and Commercial RiserPACK™ Floor Control Assemblies offer the ultimate in convenience, versatility, and reliability. The Model 8000 RiserPACK™ Floor Control Assembly includes a pressure gauge, water flow switch, Inspector’s TEST™, and drain valve. They can be ordered with a Pressure Relief Kit as the Model 8011. RiserPACK™ Floor Control Assemblies meet the requirements of NFPA 13D, NFPA 13R, and NFPA 13 for wet fire sprinkler systems, and can be assembled with additional features to meet custom specifications.

SAVE MONEY, SAVE TIME, SAVE SPACE
RiserPACK™ Floor Control Assemblies cut the cost of buying and assembling the individual parts of a sectional floor control, reduce the space used by sectional floor controls by up to 75%, and are installed in a fraction of the time.

RiserPACK™ Features:
• Full Range of Connection Sizes
• Multiple Connection Types
• NFPA Compliant
• UL Listed/FM Approved Components
• UL Listed Bronze Manifolds
• Vertical or Horizontal Installation
• Left or Right Side Operation
• Made in the USA

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**RESIDENTIAL RiserPACK™ for NFPA 13D**

NFPA 13D RiserPACK™ Floor Control Assemblies are designed to meet NFPA 13D requirements for residential wet fire sprinkler systems in family dwellings.

**RESIDENTIAL RiserPACK™ for NFPA 13R**

NFPA 13R RiserPACK™ Floor Control Assemblies are designed to meet NFPA 13R requirements for residential wet fire sprinkler systems in multi-family dwellings.

**COMMERCIAL RiserPACK™ for NFPA 13**

NFPA 13 RiserPACK™ Floor Control Assemblies are designed to meet NFPA 13 requirements for commercial wet fire sprinkler systems in commercial buildings.
Residential RiserPACK™ for NFPA 13D Systems

The core of a Residential RiserPACK™ is the bronze riser manifold designed to fit in standard stud wall framing. The riser provides all required signage for flow direction, test and drain outlet, and pressure gauge location. Lettering appears on both sides allowing for right or left installation.

13D RiserPACK™ Floor Control Assemblies are available in 4 sizes and 3 different connection combinations.

<table>
<thead>
<tr>
<th>Application</th>
<th>Model</th>
<th>Size</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 2 Family dwellings and</td>
<td>8000</td>
<td>1&quot;</td>
<td>THD X THD</td>
</tr>
<tr>
<td>manufactured homes</td>
<td>8011</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8000</td>
<td>1¼&quot;</td>
<td>THD X THD</td>
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<td>8011</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8000</td>
<td>1½&quot;</td>
<td>THD X THD</td>
</tr>
<tr>
<td></td>
<td>8011</td>
<td></td>
<td>THD X GRV</td>
</tr>
<tr>
<td></td>
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<td>GRV X GRV</td>
</tr>
<tr>
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<td>8000</td>
<td>2&quot;</td>
<td>THD X THD</td>
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<tr>
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<td>8011</td>
<td></td>
<td>THD X GRV</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>GRV X GRV</td>
</tr>
</tbody>
</table>

NOTE: It is important to note that the pressure rating of the relief valve indicates an operating range of pressure for both opening and closing of the valve. Standard relief valves are required to OPEN in a range of pressure between 90% and 105% of their rating. The valves are required to CLOSE at a pressure above 80% of that rating. The relief valve should be installed where it is easily accessible for maintenance. Care should be taken that the relief valve CANNOT be isolated from the system when the system is operational. A relief valve should NEVER have a shutoff valve or a plug downstream of its outlet.
Features

1. Riser

RESIDENTIAL RiserPACK™ manifolds are cast bronze with THD X THD, THD X GRV, or GRV X GRV connections.

2. Pressure Gauge

RESIDENTIAL RiserPACK™ Floor Control Assemblies feature a FM Approved, UL Listed AGF Model 7500 Pressure Gauge. The Model 7500 is a 3½” pressure gauge with a ¼” threaded connection.

3. Water Flow Alarm Switch

RESIDENTIAL RiserPACK™ Floor Control Assemblies feature a Water Flow Alarm Switch with a 1” threaded connection.

4. Inspector’sTEST™

The Model 3011 Inspector’sTEST™ provides both, TEST and DRAIN functions in a single compact valve. They are FM Approved, UL Listed, and designed to meet NFPA 13D requirements. Available orifice sizes include: ⅛", ⅜", ½", ⅞", and §" (ELO). The Model 3011 Inspector’sTEST™ is rated for 300 PSI and features a 1” female NPT connection.

5. Pressure Relief Valve

The Model 8011 RESIDENTIAL RiserPACK™ Floor Control Assembly features an AGF Model 7000 Pressure Relief Valve for systems requiring pressure relief. The Model 7000 Pressure Relief Valve is designed for wet fire sprinkler systems with 175 PSI ratings (also available: 165, 185, 195, 205, 225, and 250 PSI ratings) and is designed to be easily installed without draining the system. Models include bypass piping and all necessary fittings.
Model 8000D RESIDENTIAL RiserPACK™ for NFPA 13D (No PRV) Installation Requirements

M8000 13D — 1” THD X THD
Orifice: 3.0k-A • 3.7k-B • 4.3k-C • 5.5k-D

M8000 13D — 1¼” THD X THD
Orifice: ¾” • 7⁄16” • ½” • 17⁄32” • 5⁄8” ELO

Model 8011D RESIDENTIAL RiserPACK™ for NFPA 13D Installation Requirements

M8011 13D — 1” THD X THD
Orifice: 3.0k-B • 3.7k-E • 4.3k-F • 5.5k-F
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250

M8011 13D — 1¼” THD X THD
Orifice: ¾” • 7⁄16” • ½” • 17⁄32” • 5⁄8” ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250
M8000 13D — 1 1/2" THD X THD
Orifice: 3/8" • 7/16" • 1/2" • 17/32" • 5/8" ELO

M8000 13D — 2" THD X THD
Orifice: 3/8" • 7/16" • 1/2" • 17/32" • 5/8" ELO

M8000 13D — 1 1/2" THD X THD
Orifice: 3/8" • 7/16" • 1/2" • 17/32" • 5/8" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250

M8000 13D — 2" THD X THD
Orifice: 3/8" • 7/16" • 1/2" • 17/32" • 5/8" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250
The core of a Residential RiserPACK™ is the bronze riser manifold designed to fit in standard stud wall framing. The riser provides all required signage for flow direction, test and drain outlet, and pressure gauge location. Lettering appears on both sides allowing for right or left installation.

13R RiserPACK™ Floor Control Assemblies are available in 3 sizes and 3 different connection combinations.

### Application Model Size Connection

<table>
<thead>
<tr>
<th>Application</th>
<th>Model</th>
<th>Size</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-family occupancies up to and including four stories</td>
<td>8000 8011</td>
<td>1¼”</td>
<td>THD X THD</td>
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<tr>
<td>Multi-family occupancies up to and including four stories</td>
<td>8000 8011</td>
<td>1½”</td>
<td>THD X THD</td>
</tr>
<tr>
<td>Multi-family occupancies up to and including four stories</td>
<td>8000 8011</td>
<td>2”</td>
<td>THD X THD</td>
</tr>
</tbody>
</table>

NOTE: It is important to note that the pressure rating of the relief valve indicates an operating range of pressure for both opening and closing of the valve. Standard relief valves are required to OPEN in a range of pressure between 90% and 105% of their rating. The valves are required to CLOSE at a pressure above 80% of that rating. The relief valve should be installed where it is easily accessible for maintenance. Care should be taken that the relief valve CANNOT be isolated from the system when the system is operational. A relief valve should NEVER have a shutoff valve or a plug downstream of its outlet.
Features

1. Riser

Residential RiserPACK™ manifolds are cast bronze with THD X THD, THD X GRV, or GRV X GRV connections.

2. Pressure Gauge

RiserPACK™ Floor Control Assemblies feature a FM Approved, UL Listed AGF Model 7500 Pressure Gauge. The Model 7500 is a 3½” pressure gauge with a ¼” threaded connection.

3. Water Flow Alarm Switch

RiserPACKS™ feature a Water Flow Alarm Switch with a 1” threaded connection.

4. Inspector’sTEST™

The Model 3011 Inspector’sTEST™ provides both, TEST and DRAIN functions in a single compact valve. They are FM Approved, UL Listed, and designed to meet NFPA 13R requirements. Available orifice sizes include: ⅜”, ⅝”, ⅜”, ⅞”, and ⅝” (ELO). The Model 3011 Inspector’sTEST™ is rated for 300 PSI and features a 1” female NPT connection.

5. Pressure Relief Valve

The Model 8011 Residential RiserPACK™ Floor Control Assembly features an AGF Model 7000 Pressure Relief Valve for systems requiring pressure relief. The Model 7000 Pressure Relief Valve is designed for wet fire sprinkler systems with 175 PSI ratings (also available: 165, 185, 195, 205, 225, and 250 PSI ratings) and is designed to be easily installed without draining the system. Models include bypass piping and all necessary fittings.

6. Shutoff Valve

NFPA 13R RiserPACK™ Floor Control Assemblies feature a Shutoff Valve for isolating the Pressure Gauge for maintenance.
Model 8000R Residential RiserPACK™ for NFPA 13R (No PRV) Installation Requirements

**M8000 13R** — 1½" THD X THD
Orifice: 3⁄8" • 7⁄16" • ½" • 17⁄32" • 5⁄8" ELO

**M8011 13R** — 1½" THD X THD
Orifice: 3⁄8" • 7⁄16" • ½" • 17⁄32" • 5⁄8" ELO

Model 8011R Residential RiserPACK™ for NFPA 13R Installation Requirements

**M8011 13R** — 1½" THD X THD
Orifice: 3⁄8" • 7⁄16" • ½" • 17⁄32" • 5⁄8" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250

**M8000 13R** — 1¼" THD X THD
Orifice: 3⁄8" • 7⁄16" • ½" • 17⁄32" • 5⁄8" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250
**M8000 13R — 2” THD X THD**

Orifice: \(\frac{3}{8}"\) • \(\frac{7}{16}"\) • \(\frac{1}{2}"\) • \(\frac{17}{32}"\) • \(\frac{5}{8}"\) ELO

**M8011 13R — 2” THD X THD**

Orifice: \(\frac{3}{8}"\) • \(\frac{7}{16}"\) • \(\frac{1}{2}"\) • \(\frac{17}{32}"\) • \(\frac{5}{8}"\) ELO

PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250
The core of a Commercial RiserPACK™ is the U.S. made, cast bronze or powder-coated, schedule 40 steel riser manifold. All risers are rated at 300 PSI and allow for right or left and vertical or horizontal installation.

Commercial RiserPACK™ Floor Control Assemblies are available in 7 sizes and 3 different connection combinations.

<table>
<thead>
<tr>
<th>Application</th>
<th>Model</th>
<th>Size</th>
<th>Connection</th>
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</thead>
<tbody>
<tr>
<td>Commercial Buildings</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>8000</td>
<td>1½&quot;</td>
<td>THD X THD</td>
</tr>
<tr>
<td></td>
<td>8011</td>
<td></td>
<td>THD X GRV</td>
</tr>
<tr>
<td></td>
<td>8000</td>
<td>2&quot;</td>
<td>THD X THD</td>
</tr>
<tr>
<td></td>
<td>8011</td>
<td></td>
<td>THD X GRV</td>
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<tr>
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<td>8000</td>
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<td>GRV X GRV</td>
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<tr>
<td></td>
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<tr>
<td></td>
<td>8000</td>
<td>3&quot;</td>
<td>GRV X GRV</td>
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<tr>
<td></td>
<td>8000</td>
<td>4&quot;</td>
<td>GRV X GRV</td>
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<tr>
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<td>8000</td>
<td>6&quot;</td>
<td>GRV X GRV</td>
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NOTE: It is important to note that the pressure rating of the relief valve indicates an operating range of pressure for both opening and closing of the valve. Standard relief valves are required to OPEN in a range of pressure between 90% and 105% of their rating. The valves are required to CLOSE at a pressure above 80% of that rating. The relief valve should be installed where it is easily accessible for maintenance. Care should be taken that the relief valve CANNOT be isolated from the system when the system is operational. A relief valve should NEVER have a shutoff valve or a plug downstream of its outlet.
Features

1. Riser

Commercial RiserPack™ manifold sizes 1¼”-2” are cast bronze with THD X THD, THD X GRV, or GRV X GRV connections. Sizes 2½”-6” are domestically-made, schedule 40 steel with 3 mil powder-coat finish and GRV X GRV connections.

2. Pressure Gauge

All RiserPack™ models feature AGF’s Model 7500 Pressure Gauge. The Model 7500 is a UL listed, FM approved, 3½” pressure gauge with a ¼” threaded connection attached with a Model 7600 Shutoff Valve for NFPA compliance.

3. Water Flow Alarm Switch

Commercial RiserPack™ models feature a water flow alarm switch with a 1” threaded connection for 1¼”-2” sizes, and a saddle connection for 2½”-6” sizes.

4. TESTandDRAIN®

The AGF TESTandDRAIN® is the key feature of the Commercial RiserPack™. The TESTandDRAIN® combines the test and drain function in a single ball valve and features an NFPA required orifice available in a full range of sizes (3⁄8”, ⅜”, ½”, ⅜”, ⅞”, and ⅜”). The TESTandDRAIN® valve is specifically designed so that all servicing can be easily performed through the valve without removing it from the system.

5. Pressure Relief Valve

The RiserPack™ Model 8011 features an AGF Model 7000 Pressure Relief Valve for systems requiring pressure relief. The Model 7000 Pressure Relief Valve is designed for wet fire sprinkler systems with 175 PSI ratings (also available: 165, 185, 195, 205, 225, and 250 PSI ratings) and is designed to be easily installed without draining the system. Includes bypass piping and all necessary fittings.

6. Shutoff Valve

Commercial RiserPack™ models feature a Shutoff Valve which isolates the Pressure Gauge for inspection and maintenance.
Model 8000 Commercial RiserPACK™ for NFPA 13
Installation Requirements

M8000 — 1 ¼ THD X THD
Orifice: ⅛" • ⅜" • ⅜" • ⅝" • ¾" ELO

M8000 — 1½ THD X THD
Orifice: ¼" • ⅜" • ⅜" • ⅝" • ¾" ELO

M8000 — 3" GRV X GRV
Orifice: ⅛" • ⅜" • ⅜" • ⅝" • ¾" ELO • ¾" ESFR

M8000 — 4" GRV X GRV
Orifice: ⅛" • ⅜" • ⅜" • ⅝" • ¾" ELO • ¾" ESFR • K25

TESTmDRAIN® is a registered trademark of AGF Manufacturing Inc.
M8000 — 2” THD X THD
Orifice: 3/8" • 7/16" • 1/2" • 17/32" • 5/8" ELO

M8000 — 2½” THD X THD
Orifice: 3/8" • 7/16" • 1/2" • 17/32" • 5/8" ELO • ¾” ESFR

M8000 — 6” GRV X GRV
Orifice: 3/4" • 7/16" • 1/2" • 17/32" • 5/8" ELO • ¾” ESFR • K25
Model 8011 Commercial RiserPACK™ for NFPA 13 Installation Requirements

**M8011 — 1 1/4” THD X THD**
- Orifice Sizes: 3.0k-B ● 3.7k-E ● 4.3k-F ● 5.5k-F
- PRV Ratings: 165 ● 175 ● 185 ● 195 ● 205 ● 225 ● 250

**M8011 — 1 1/2” THD X THD**
- Orifice Sizes: 3/8” ● 7/16” ● 1/2” ● 17/32” ● 5/8” ELO
- PRV Ratings: 165 ● 175 ● 185 ● 195 ● 205 ● 225 ● 250

**M8011 — 3” GRV X GRV**
- Orifice Sizes: 3/8” ● 7/16” ● 1/2” ● 17/32” ● 5/8” ELO
- PRV Ratings: 165 ● 175 ● 185 ● 195 ● 205 ● 225 ● 250

**M8011 — 4” GRV X GRV**
- Orifice Sizes: 3/8” ● 7/16” ● 1/2” ● 17/32” ● 5/8” ELO
- PRV Ratings: 165 ● 175 ● 185 ● 195 ● 205 ● 225 ● 250
M8011 — 2” THD X THD
Orifice Sizes: 3/8" • 7/16" • ½" • 17/32" • 9/32" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250

M8011 — 2½” THD X THD
Orifice Sizes: 3/8" • 7/16" • ½" • 17/32" • 9/32" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250

M8011 — 6” GRV X GRV
Orifice Sizes: 3/8" • 7/16" • ½" • 17/32" • 9/32" ELO
PRV Ratings: 165 • 175 • 185 • 195 • 205 • 225 • 250
TEST and DRAIN®

Floor Controls

1000

2500

1011A

2500A

1011T

2500T

RiserPACK®

TEST and DRAIN® is a registered trademark of AGF Manufacturing Inc.
COLLECTanDRAIN®

Auxiliary Drains

5300A

5300ALBV

5200A

5100A

5400A