Features

- A rugged cast-iron heat exchanger design
- Available in four sizes
- Direct vent or Power vent
- Approved for closet applications
- Taco 007e ECM circulator
- ASME safety relief valve
- Supply manifold
- T&P gauge
- Flame roll-out switch
- Fuel Smart HydroStat® 3200 control
  - Temperature Limit Control: Designed for cold start boilers
  - Low Water Cut-Off: Provides protection against potentially dangerous low water conditions
  - Boiler Reset Control: Utilizes Thermal Targeting™ technology to conserve fuel by monitoring heating demand and establishing target boiler temperatures below the high limit setting
- Optional outdoor reset with sensor part #48-140
- Stainless steel burners
- USA made
- Limited lifetime warranty

Advantage Direct Vent Gas-Fired Water Boiler

The PurePro® Advantage® Direct Vent gas boiler is a residential, cast-iron, gas-fired water boiler, designed for applications where chimneys are not available. Advantage Direct Vent can be direct vented (sealed combustion) using fresh air from outside or it can be used in power vent applications where combustion air is taken from the household.

It is available with inputs from 60,000 to 152,000 BTU/hour, and is available for use with Natural or LP gas.

The PurePro Advantage Direct Vent sets the standard for installer-ready gas fired boilers. With its limited lifetime warranty, the Advantage Direct Vent comes standard with intermittent ignition, a Taco 007e ECM circulator, and HydroStat 3200 control which combines temperature limit control, low water cut-off and boiler reset in one easy-to-use control. This user friendly control is easily accessible, making the Advantage Direct Vent gas boiler simple to install and service.

Abundant, Rapid Hot Water Heating

PurePro offers a complete line of indirect water heaters to complement the Advantage boiler. By utilizing the boiler as its heat supply, the burner fires only when necessary and transfers heat from the boiler to the water heater through a highly efficient heat exchanger.
Notes:
1. Vent pipe minimum clearance to combustible material is four (4) inches when vent is installed in a fully enclosed chased application or three (3) inches when vent is installed with at least one side open, similar to a joist bay application.
2. Use double wall thimble required when penetrating a combustible wall.
3. Approved for combustible floor (not carpeting) installation.
4. Approved for closet installation, see O&I manual for clearances.

Specifications

<table>
<thead>
<tr>
<th>Advantage Direct Vent Gas Boiler Model #</th>
<th>Input Mbh</th>
<th>Heat Capacity Mbh</th>
<th>Net AHRI Rating, Water Mbh</th>
<th>AFUE (%)</th>
<th>No. Sections</th>
<th>Vent Size AL29-4C Stainless</th>
<th>A Dimension (inches)</th>
<th>Shipping Weight (Approx.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGDV3-HN</td>
<td>60</td>
<td>52</td>
<td>45</td>
<td>85</td>
<td>3</td>
<td>3</td>
<td>W-14&quot;, H-40&quot;, D-26.5&quot;</td>
<td>250</td>
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<tr>
<td>AGDV4-HN</td>
<td>91</td>
<td>78</td>
<td>68</td>
<td>85</td>
<td>4</td>
<td>3</td>
<td>W-16&quot;, H-40&quot;, D-26.5&quot;</td>
<td>300</td>
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<tr>
<td>AGDV5-HN</td>
<td>121</td>
<td>104</td>
<td>90</td>
<td>85</td>
<td>5</td>
<td>3</td>
<td>W-19&quot;, H-40&quot;, D-26.5&quot;</td>
<td>350</td>
</tr>
<tr>
<td>AGDV6-HN</td>
<td>152</td>
<td>130</td>
<td>113</td>
<td>85</td>
<td>6</td>
<td>3</td>
<td>W-22&quot;, H-40&quot;, D-26.5&quot;</td>
<td>400</td>
</tr>
</tbody>
</table>

Propane Gas Models

| AGDV3-HP                                | 60        | 52               | 45                          | 85       | 3            | 3                            | W-14", H-40", D-26.5" | 250                      |
| AGDV4-HP                                | 91        | 78               | 68                          | 85       | 4            | 3                            | W-16", H-40", D-26.5" | 300                      |
| AGDV5-HP                                | 121       | 104              | 90                          | 85       | 5            | 3                            | W-19", H-40", D-26.5" | 350                      |
| AGDV6-HP                                | 152       | 130              | 113                         | 85       | 6            | 3                            | W-22", H-40", D-26.5" | 400                      |

Conversion Kit: Natural to LP

<table>
<thead>
<tr>
<th>Mfr. #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>105623-01</td>
<td>Direct Vent Advantage Conversion Kit Series (AGDV3 only) boilers</td>
</tr>
<tr>
<td>105430-01</td>
<td>Direct Vent Advantage Conversion Kit Series (AGDV 4 through 6 only) boilers</td>
</tr>
</tbody>
</table>

- Specifications and dimensions are subject to change without notice
- Approved vent pipe is 3" AL29-4C stainless
- Direct Vent or Power Vent approved
- Double wall thimble required when penetrating a combustible wall
- Approved for combustible floor (not carpeting) installation
- Approved for closet installation, see O&I manual for clearances

- Specifications and dimensions are subject to change without notice
- Approved vent pipe is 3" AL29-4C stainless
- Direct Vent or Power Vent approved
- Double wall thimble required when penetrating a combustible wall
- Approved for combustible floor (not carpeting) installation
- Approved for closet installation, see O&I manual for clearances

- Supply and return piping connection is 1¼” – all sizes
- Gas valve tapping is ½” – all sizes
- Termination fittings include:
  - 3” stainless termination coupling with screen
  - Galvanized air intake fitting

Notes:
1. Vent pipe minimum clearance to combustible material is four (4) inches when vent is installed in a fully enclosed chased application or three (3) inches when vent is installed with at least one side open, similar to a joist bay application.
2. Use double wall thimble required when penetrating a combustible wall.
3. 18 inch clearance required for closet installation. 4 inch clearance required for open installation.
4. Area of each opening, 1 sq. inch for each 1000 btu input with a minimum of 100 sq. inches. Height of opening should be half the width.