Minimum clearances

Flow R 2"
Return R 2"
Gas R 1¼"
Flue Ø130
Flue Ø200
Relief Valve G¾
Not supplied

1300

Minimum boiler to boiler spacing

3 Modules high
2 Modules high
1 Module high

1800*
700
1450
50
750

582
57
866
614
789
1403
1380
937
234
01202 662500   |   sales@hamworthy-heating.com   |   hamworthy-heating.com

*Note: Rear clearance required when using Hamworthy pipe kits.
All dimensions in mm unless otherwise stated.
**Dimensions**

Models UF200-1, UF400-2, UF600-3, UF250-1, UF500-2, UF750-3

**200 and 250kW modules**

**Minimum boiler to boiler spacing**

155 Flue

155 Flue

1300

**Minimum clearances**

Relief Valve G¾

Not supplied

Flow R 2"

Return R 2"

Flue Ø130

Gas R 1¼"

1 Module high

2 Modules high

3 Modules high

Flue Ø250

**SPACING AND CLEARANCES**

*Note: Rear clearance required when using Hamworthy pipe kits. All dimensions in mm unless otherwise stated.*

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Dimensions

Models UF300-1, UF600-2, UF900-3, UF350-1, UF700-2, UF1050-3

300 and 350kW modules

<table>
<thead>
<tr>
<th>Ref.</th>
<th>A</th>
<th>381</th>
<th>450</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>2080</td>
<td>2118</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1466</td>
<td>1504</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>155</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

MODELS kW

OUTPUT

SPACING AND CLEARANCES

SINGLE MODULE

TWO HIGH MODEL

THREE HIGH MODEL

*Note: Rear clearance required when using Hamworthy pipe kits.
All dimensions in mm unless otherwise stated.
Pipe kit details & dimensions

Models UF200-2, UF300-3, UF300-2 and UF450-3
100mm dia. headers for 2 and 3 high stacked
100 or 150kW modules, max 12 modules up to 1.8MW

Designed to save time and simplify installation, optional pipe kits are available for Upton boilers. The kits enable multiple boilers to be connected in configurations of 2 and 3 modules high. Vertical stacks can be installed side by side. The pipe kits are factory tested and supplied part assembled for ease of installation.

Pipe kits are available with or without matched boiler pumps and the required model must be specified when ordering.

Pre-assembled pipe kits include:

- Optional matched pumps controlled by boiler LMS
- Optional matched low loss header with combined air and dirt separator (see page 14)
- Optional 3 port manifold kit (see page 14)
- Automatic air vents on manifold and low loss header
- Condensate pipe drainwork
- Connections for pressurisation unit and end caps
- Flushing points
- Boiler safety relief valve

### Upton Model Details

<table>
<thead>
<tr>
<th>Upton Model</th>
<th>Module output (kW)</th>
<th>No. of modules</th>
<th>Pipe kit weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF200-2</td>
<td>100</td>
<td>2</td>
<td>180 With pump, 171 Without pump</td>
</tr>
<tr>
<td>UF300-3</td>
<td>100</td>
<td>3</td>
<td>230 With pump, 226 Without pump</td>
</tr>
<tr>
<td>UF300-2</td>
<td>150</td>
<td>2</td>
<td>180 With pump, 171 Without pump</td>
</tr>
<tr>
<td>UF450-3</td>
<td>150</td>
<td>3</td>
<td>230 With pump, 226 Without pump</td>
</tr>
</tbody>
</table>

**Note:** All dimensions in mm unless otherwise stated.
Pipe kit details & dimensions
Models UF400-2, UF600-3, UF500-2 and UF750-3
150mm dia. headers for 2 and 3 high stacked
200 or 250kW modules, max 12 modules up to 3.0MW

Designed to save time and simplify installation, optional pipe kits are available for Upton boilers. The kits enable multiple boilers to be connected in configurations of 2 and 3 modules high. Vertical stacks can be installed side by side. The pipe kits are factory tested and supplied part assembled for ease of installation.

Pipe kits are available with or without matched boiler pumps and the required model must be specified when ordering.

Pre-assembled pipe kits include:
- Optional matched pumps controlled by boiler LMS
- Optional matched low loss header with combined air and dirt separator (see page 14)
- Optional 3 port manifold kit (see page 14)
- Automatic air vents on manifold and low loss header
- Condensate pipe drainwork
- Connections for pressurisation unit and end caps
- Flushing points
- Boiler safety relief valve

<table>
<thead>
<tr>
<th>Upton Model</th>
<th>Module output (kW)</th>
<th>No. of modules</th>
<th>Pipe kit weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>With pump</td>
</tr>
<tr>
<td>UF400-2</td>
<td>200</td>
<td>2</td>
<td>265</td>
</tr>
<tr>
<td>UF600-3</td>
<td>200</td>
<td>3</td>
<td>345</td>
</tr>
<tr>
<td>UF500-2</td>
<td>250</td>
<td>2</td>
<td>265</td>
</tr>
<tr>
<td>UF750-3</td>
<td>250</td>
<td>3</td>
<td>345</td>
</tr>
</tbody>
</table>

Note: All dimensions in mm unless otherwise stated.
Pipe kit details & dimensions

Models UF600-2, UF900-3, UF700-2 and UF1050-3

150mm dia. headers for 2 and 3 high stacked 300 or 350kW modules, max 6 modules up to 2.1MW (for installations up to 4.2MW see next page)

Designed to save time and simplify installation, optional pipe kits are available for Upton boilers. The kits enable multiple boilers to be connected in configurations of 2 and 3 modules high. Vertical stacks can be installed side by side. The pipe kits are factory tested and supplied part assembled for ease of installation. This pipkit model features a larger pump than the DN150 model on page 11 to enable it to be used with the larger output boiler modules.

Pipe kits are available with or without matched boiler pumps and the required model must be specified when ordering.

Pre-assembled pipe kits include:

1. Optional matched pumps controlled by boiler LMS
2. Optional matched low loss header with combined air and dirt separator (see page 14)
3. Optional 3 port manifold kit (see page 14)
4. Automatic air vents on manifold and low loss header
5. Condensate pipe drainwork
6. Connections for pressurisation unit and end caps
7. Flushing points
8. Boiler safety relief valve

3-high pipe kits with 150mm dia. for Upton models UF900-3 and UF1050-3

2-high pipe kits with 150mm dia. for Upton models UF600-2 and UF700-2

Note: All dimensions in mm unless otherwise stated.
Pre-assembled pipe kits include:

- Optional matched pumps controlled by boiler LMS
- Optional matched low loss header with combined air and dirt separator (see page 14)
- Optional 3 port manifold kit (see page 14)
- Automatic air vents on manifold and low loss header
- Condensate pipe drainwork
- Connections for pressurisation unit and end caps
- Flushing points
- Boiler safety relief valve

2-high pipe kits with 200mm dia. for Upton models UF900-3 and UF1050-3

2-high pipe kits with 200mm dia. for Upton models UF600-2 and UF700-2

Pipe kit details & dimensions

Models UF600-2, UF900-3, UF700-2 and UF1050-3

200mm dia. headers for 2 and 3 high stacked 300 or 350kW modules, max 12 modules up to 4.2MW

Designed to save time and simplify installation, optional pipe kits are available for Upton boilers. The kits enable multiple boilers to be connected in configurations of 2 and 3 modules high. Vertical stacks can be installed side by side. The pipe kits are factory tested and supplied part assembled for ease of installation.

Pipe kits are available with or without matched boiler pumps and the required model must be specified when ordering.

### Pipe kit weight (kg)

<table>
<thead>
<tr>
<th>Upton Model</th>
<th>Module output (kW)</th>
<th>No. of modules</th>
<th>Pipe kit weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>With pump</td>
</tr>
<tr>
<td>UF400-2</td>
<td>200</td>
<td>2</td>
<td>295</td>
</tr>
<tr>
<td>UF600-3</td>
<td>200</td>
<td>3</td>
<td>385</td>
</tr>
<tr>
<td>UF500-2</td>
<td>250</td>
<td>2</td>
<td>295</td>
</tr>
<tr>
<td>UF750-3</td>
<td>250</td>
<td>3</td>
<td>385</td>
</tr>
</tbody>
</table>

Note: All dimensions in mm unless otherwise stated.