Product Memo

The new generation, high capacity RA-G valve

- The home owners will appreciate the inconspicuous design.
- All RA sensors fit, which means users have access to a wide range of sensors and will save time when mounting them.
- PN16 – can be installed in high-pressure systems such as high-rise buildings.
Danfoss' Renovation+ Solution is a flexible solution for renovating one-pipe heating systems with reasonable investment costs and a maximum return on investment – with a 3-year payback time.

The Renovation+ Solution makes it possible to renovate old, one-pipe systems and improve indoor comfort, reduce overheating in buildings, and reduce energy costs. Please contact your local Danfoss Company for more information on the Renovation+ Solution.

Back flow restrictors
In situations with high flow rates and high flow temperatures in One-pipe heating applications, there is always the risk of unintended radiator heat, i.e. the radiator remains warm even if the radiator valve (RA-G) is closed.

This is the result of heat transfer through the metal and back-flow through the return pipe, caused by water circulation in the radiator. The situation with unintended radiator heat can be prevented by using type RTD-CB (back-flow restrictor) and RTD-BR (bypass restrictor).

**Product Memo**

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<table>
<thead>
<tr>
<th>Type</th>
<th>Code no.</th>
<th>Design</th>
<th>ConnectionISO 7-1</th>
<th>K_v values [m³/h, p-band [K]]</th>
<th>Max pressure [bar]</th>
<th>Max flow temp. [°C]</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inlet Outlet</td>
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<td>1.0</td>
<td>1.5</td>
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<tr>
<td>RA-G 15</td>
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<td>Angle</td>
<td>R ½ R ½</td>
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<td>1.07</td>
<td>1.61</td>
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<td>013G1675</td>
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<td></td>
<td>013G1677</td>
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</tr>
</tbody>
</table>

Pressure class PN16

Valves can be renovated with new valve inserts

Mounting instructions on the box

No maintenance

Danfoss’ new high capacity valve, RA-G, is primarily designed for One-pipe heating applications.

The valve's inconspicuous design allows it to be incorporated discretely into the installation, which is a feature that home owners will appreciate.

The valve is incorporated in the Danfoss RA-connection, enabling a fast and secure connection to one of the wide range of Danfoss room thermostats.

Completing Products

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Please find more information about our products for radiator systems on http://heating.danfoss.com