

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.



Product Memo

The new generation, high capacity RA-G valve

Type	Code no.	Design	Connection ISO 7-1		K _v values [m ³ /h, p-band [K] ¹⁾²⁾					Max pressure [bar]			Max flow temp. °C		
			Inlet	Outlet	0.5	1.0	1.5	2.0	K _{vs}	Working	Diff. 3)	Test			
RA-G 15	013G1676	Angle	R _p ½	R ½	0.54	1.07	1.61	2.06	4.30	16	0.2	25	120		
	013G1675	Straight			0.51	0.94	1.35	1.63	2.30						
RA-G 20	013G1678	Angle	R _p ¾	R ¾	0.57	1.11	1.16	2.20	5.01						
	013G1677	Straight			0.54	1.07	1.61	2.06	3.81						
RA-G 25	013G1680	Angle	R _p 1	R 1	0.59	1.27	1.77	2.41	5.50		0.16				
	013G1679	Straight			0.57	1.16	1.71	2.27	4.58						

Pressure class PN16
Valves can be renovated with new valve inserts

Mounting instructions on the box
No maintenance

High capacity valve RA-G

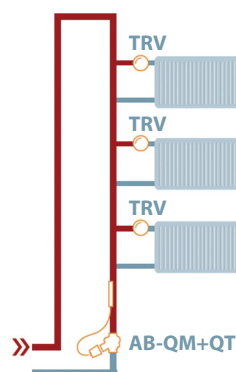


Danfoss' new high capacity valve, RA-G, is primarily designed for One-pipe heating applications.

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



Danfoss Renovation⁺ Solution

Danfoss' Renovation⁺ Solution is a flexible solution for renovating one-pipe heating system 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.



RTD-CB
back-flow restrictor



RTD-BR
bypass restrictor

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).

Danfoss A/S, Heating Solutions

Hårupvænget 11
DK 8600 Silkeborg
Denmark

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

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.