

RAS-D²

The Designer TRV a high level of sophistication

- Unique flow selectable bi-directional valve
- High performance
- Convenient combi packs
- Radiator packs available with matching lockshield valves
- Reversible bi-directional angled pattern valve bodies
- Available in subtle white with chrome styling sensor or a stunning all chrome model to compliment designer radiators and towel rails



RAS-D² Domestic Radiator Thermostats

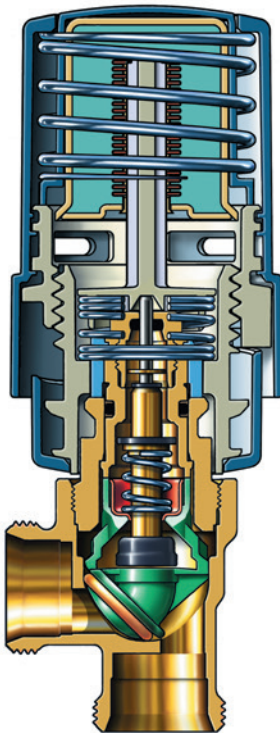
The RAS-D² range complements the one-off market with its modern, stylish design and comes complete with the revolutionary 'flow selectable' revolver valve body.

The new RAS-D² radiator thermostats are the latest addition to the Danfoss TRV range. They are designed for use in 2-pipe domestic heating systems like designer radiators or towel rails. All RAS-D² Combi Packs comprise of a RA-FS bi-directional valve and a RAS-D² sensor. Combi packs are also available with a RLV-D lockshield valve. The valves have a 1/2" BSP (R1/2") tail piece connection to the radiator and include 8mm, 10mm and 15mm compression fittings to connect the valve to the pipe work. The valve bodies are reversible and bi-directional and include a flow-selectable feature to ensure trouble free installation without any risk of water hammer.

The valve is supplied with a protective cap, which can be used for manual regulation during the construction phase. The cap must not be used as a manual shut off device. RAS-D² sensors incorporate a "Frost Protection" setting and a "Positive Off" feature for maximum user flexibility. Temperature range is from 8°C to 28°C.

Quality

All Danfoss RAS-D² sensors and RA-FS valves are manufactured to the highest standards in factories assessed and certified by BSI against ISO 9001 / BS 5750.



For peace of mind, all radiator thermostat valve bodies incorporate Danfoss patented Revolver flow-selectable bi-directional technology.

Design

Valve bodies are manufactured from brass with chrome plating. The spindle in the gland seal is made of chromium steel and works in a lifetime lubricated O-ring. The complete gland assembly can be replaced without draining down the system.

Revolver Technology



Water flowing correctly through the Revolver Valve, whilst set in factory set position.



Revolver mechanism correcting water flow within valve in situations of reverse flow.



RAS-D ² Bi-Directional TRV c/w built-in sensors Combi Packs (2-Pipe systems)				
Code No	Description ⁽³⁾			Temp Range ⁽¹⁾ °C (Xp=2k)
Combi Pack: Sensor & TRV Valve				
013G601300	8/10/15mm Reversible Angle, Chrome/White, Built-in Sensor			8-28 ⁽²⁾
013G601200	8/10/15mm Reversible Angle, All Chrome, Built-in Sensor			
013G601500	8/10/15mm Reversible Straight Chrome/White			
013G601400	8/10/15mm Reversible Straight All Chrome Built-in Sensor			
Radiator Pack: Sensor, TRV Valve & Lockshield Combinations				
013G601700	8/10/15mm angle, white/chrome sensor and chrome valve body. Flow selectable reversible bi-directional. Includes compression connections			8-28 ⁽²⁾
013G601600	8/10/15mm angle, All chrome sensor and chrome valve body. Flow selectable reversible bi-directional. Includes compression connections.			
013G601900	8/10/15mm straight, white/chrome sensor and chrome valve body. Flow selectable reversible bi-directional. Includes compression connections.			
013G601800	8/10/15mm straight, All chrome sensor and chrome valve body. Flow selectable reversible bi-directional. Includes compression connections.			
RAS-D² Thermostatic Sensor Only				
013G617600	Fixed Sensor, white/chrome			8-28 ⁽²⁾
013G617000	Fixed Sensor, All chrome			8-28 ⁽²⁾
Angled Bi-Directional Chrome Valve Body c/w Fittings, Reversible for 2-Pipe Systems				
Code No	Pattern	Connections		Kv Value (Xp=2k)
		Pipe	Radiator Tail	
013G628200	RA-FS Angle	8/10/15mm	1/2" BSP	0.55
Straight Bi-Directional Chrome Valve Body Complete with Fittings (2-Pipe Systems)				
013G628400	RA-FS Straight	8/10/15mm	1/2" BSP	0.55
Accessories				
003L009900	Drain-off Tailpiece for use with RLV-D Valve and RA-FS Valves, chrome			
Notes:				
(1) Temperature range may be reduced by 2°C by fitting displacer cap (013L123400).				
(2) Allowing for influence of flow temperature and radiation.				
(3) All valves have 1/2" connection to radiator.				