

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 White/Chrome & All Chrome



RAS-D² All Chrome Combi Pack



Chrome Lockshields

Danfoss Randall Ltd

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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.

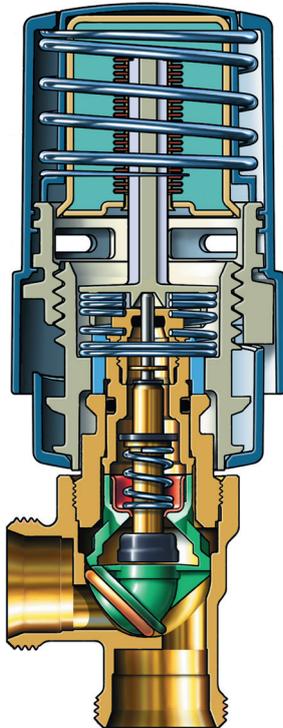
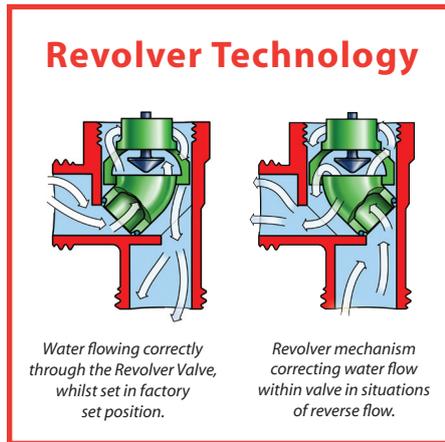
The valve is supplied with a protective cap, which can be used for manual regulation during the construction phase. The cap must not be used as a manual shut off device. RAS-D² sensors incorporate a "Frost Protection" setting and a "Positive Off" feature for maximum user flexibility. Temperature range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

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.



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

| 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. | | | | |

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