

## Flow Control Packs For Underfloor Heating Systems



The flow control packs are available to order in three different size packs covering floors ranging from 45m<sup>2</sup> to 160m<sup>2</sup>. The packs contain a FL50 flow controller, Ondatherm valve, AT90 strap-on thermostat and SVD bypass valve.

- Easy to install and commission
- Mounts easily on MSV manifold
- Overheat protection
- Allows economic and safe setting of water temperature

## Flow Control Packs

Complete set for flow control and overheat protection:

### 1. FL50 Flow Controller

- Setting range 20 to 50°C
- Liquid filled sensor with 1.5m capillary
- Frost protection setting
- Range limiting
- Supplied with thermal sleeve, strap and thermal paste

### 2. Ondatherm Valve

- D $\frac{3}{8}$ " - KV Straight, Kvs = 1.2, M38 x 1.5
- D $\frac{1}{2}$ " - KV Straight, Kvs = 1.8, M38 x 1.5
- D $\frac{3}{4}$ " - KV Straight, Kvs = 5.2, M38 x 1.5

### 3. AT90 Strap-on Thermostat

- Overheat protection
- Stops the pump if high temperature water is detected
- Range 20 to 90°C
- Typically set at 10°C above flow temperature.

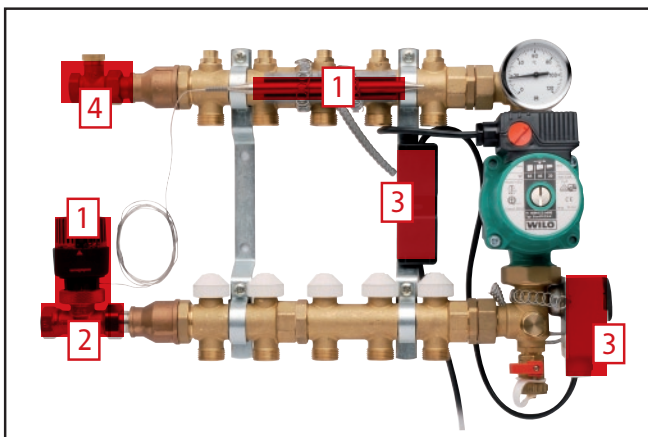
### 4. SVD Bypass Valve

- To restrict return flow to boiler
- Balance flow through underfloor pipes
- SVD  $\frac{3}{4}$ " Kvs = 10 / SVD 1" Kvs = 16



### Flow Control Packs

Pack 1	Pack 2	Pack 3
FL50 K45	FL50 K85	FL50 K160
Part Number 0100 0021 1604 10	Part Number 0100 0021 1608 10	Part Number 0100 0021 1616 10
FL50	FL50	FL50
AT90	AT90	AT90
SVD $\frac{3}{4}$ "	SVD $\frac{3}{4}$ "	SVD 1"
Ondatherm D $\frac{3}{8}$ " - KV	Ondatherm D $\frac{1}{2}$ " - KV	Ondatherm D $\frac{3}{4}$ " - KV
For floor surfaces up to 45m <sup>2</sup>	For floor surfaces up to 85m <sup>2</sup>	For floor surfaces up to 160m <sup>2</sup>



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