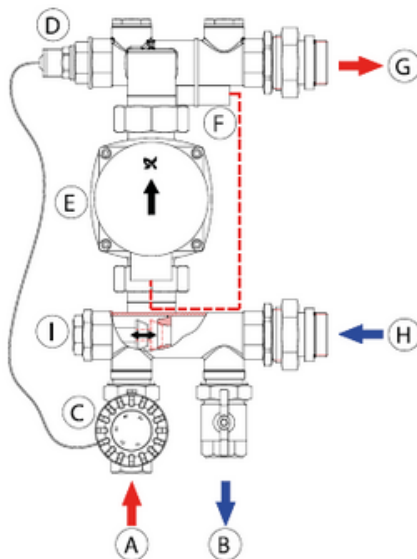


### COMPONENT DESCRIPTIONS

#### Pumpunit LTH

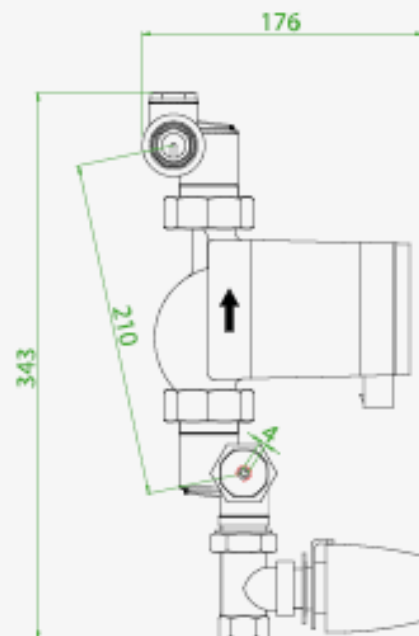
#### (Low Temperature Heating)

- A.** Supply, primary
- B.** Return, primary
- C.** Thermostat head
- D.** Capillary tube and sensor pocket, thermostat head
- E.** Pump, arrow indicates water flow towards supply rail
- F.** Maximum thermostat protection
- G.** Supply rail, manifold
- H.** Return rail, manifold
- I.** Low temperature valve (LTH)



### DIMENSIONS

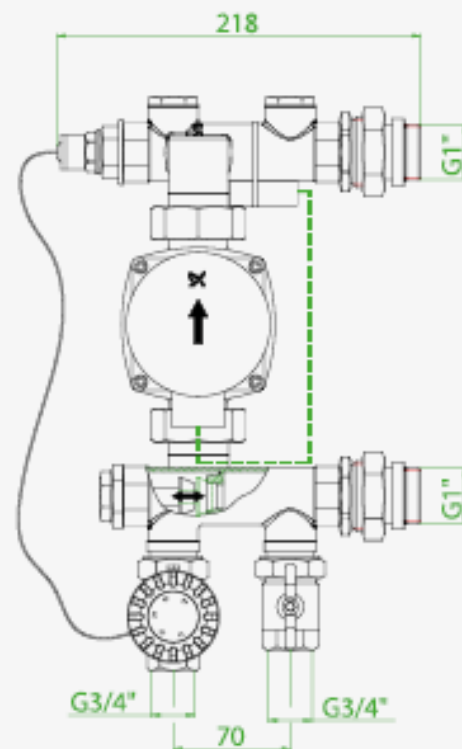
#### pumpunit LTH



### INSTALLATION DESCRIPTIONS

1. Connect the supply rail of the manifold to position **(G)**.
2. Connect the return rail of the manifold to position **(H)**.
3. Connect the primary supply line to position **(A)** and the primary return line to position **(B)**.
4. Mount maximum thermostat protection **(F)** on the supply side after the pumpunit before the manifold supply rail with a tie-wrap on the silver-coloured brass.
5. Attach thermostat knob **(C)** to the thermostatic valve after removing the black protective cap, and set it to the lowest setting.
6. Place the capillary tube in sensor pocket **(D)\***.
7. Use mixing valve **(I)** to set the mixing ratio. Turning anti-clockwise opens the valve more. Turning clockwise reduces the mixing ratio, which means more supply water will be pumped to the supply rail **(G)** unmixed.

\*Pumpunit with degrees = incl. black cap, pumpunit with positions excl. black cap



### USE OF THE PUMPUNIT

To set the pumpunit correctly, use position A, B or C depending on the number of groups on the distributor in combination with position E. Position D is not used. The left three options on the pump unit are also not used. The grey button on the front of the pumpunit can be used to change position. First make sure that position E is selected and then choose option A, B or C according to your own situation. The red float indicator ring (C) in the glass tubes of the flow meters gives a result (standard between 0.5 and 2 L/m).



**Position A:** distributors up to and including 4 groups

**Position B:** distributors from 4 up to and including 7 groups

**Position C:** distributors from 7 groups

### USE OF THE PUMPUNIT IN COMBINATION WITH THE SPEETILE SYSTEM

The time till starting the SpeeTile10 heating system after levelling with SpeeTop depends on the temperature:

>15°C after 48 hrs

<15°C after 72 hrs

**Start-up protocol (only with the SpeeTile system):** When starting the underfloor heating system for the first time, the start-up protocol needs to be respected. Set the system temperature to 20°C (approximately 5 degrees above room temperature) for 48 hours. This temperature should be indicated on the thermometer on the manifold (not included). Every 24 hrs after that, the temperature can be increased with 5 degrees till 40 degrees, after which the temperature is reduced daily by 5 degrees until 20°C. The SpeeTile heating system is now ready for use.

### PRESSURE LOSS DIAGRAM THERMOSTATIC VALVE

