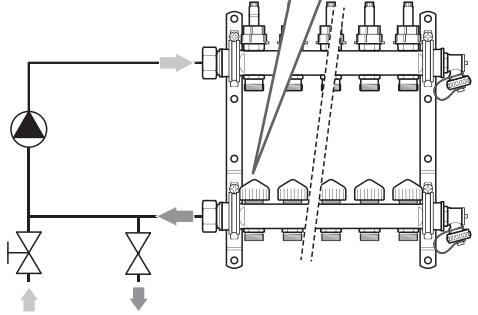
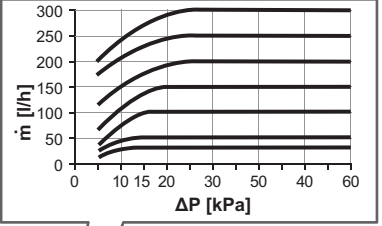
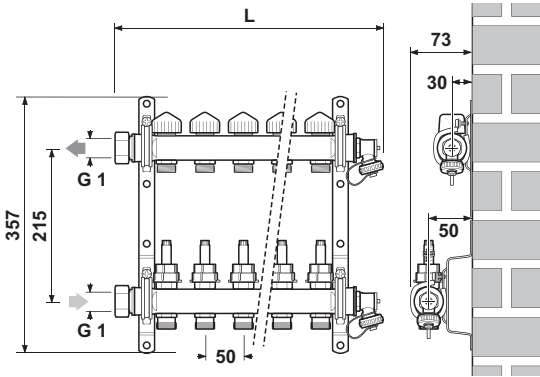
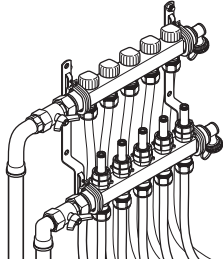


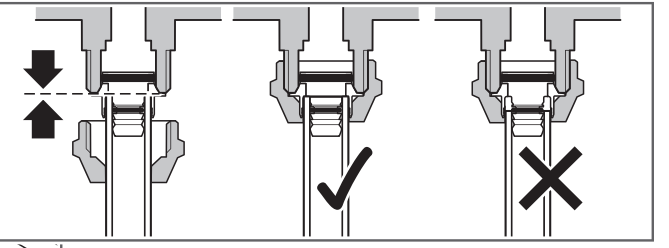
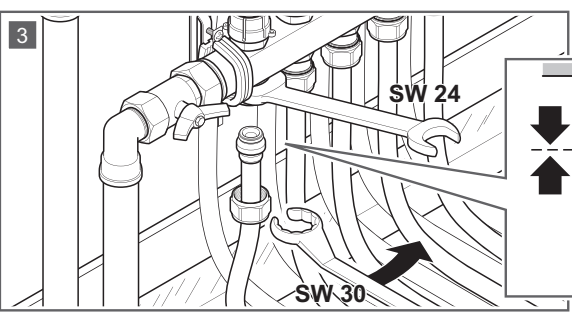
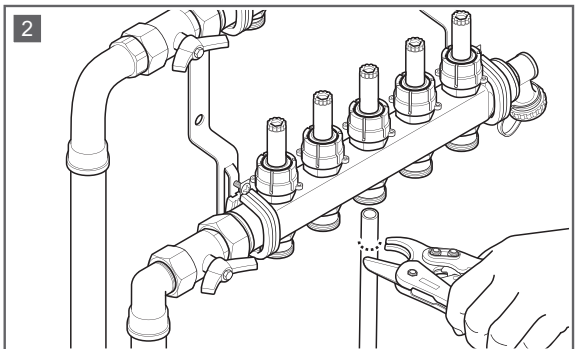
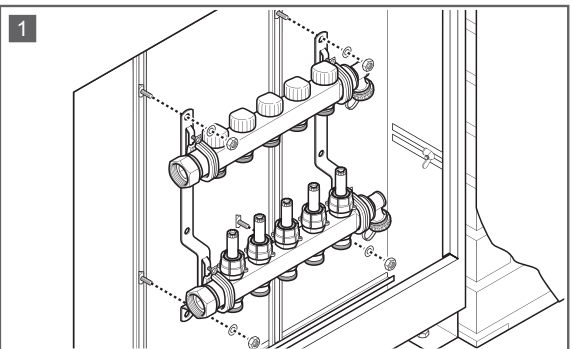
# Uponor

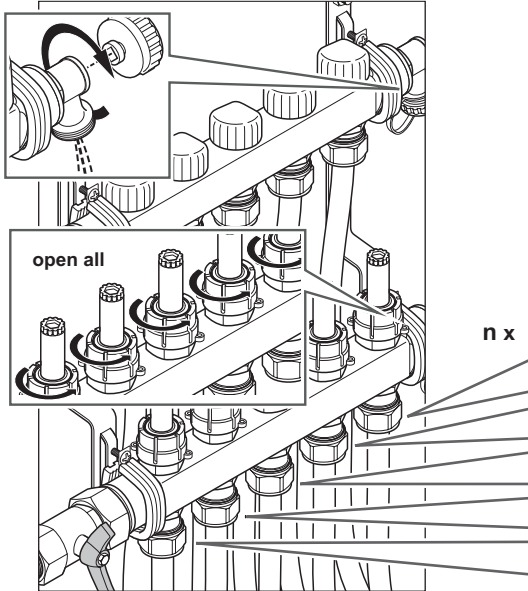
## Uponor Vario S manifold DFC



n	L [mm]	n	L [mm]
2	210	11	660
3	260	12	710
4	310	13	760
5	360	14	810
6	410	15	860
7	460	16	910
8	510		
9	560		
10	610		

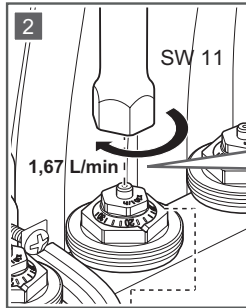
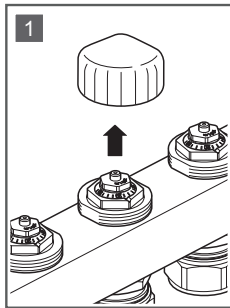
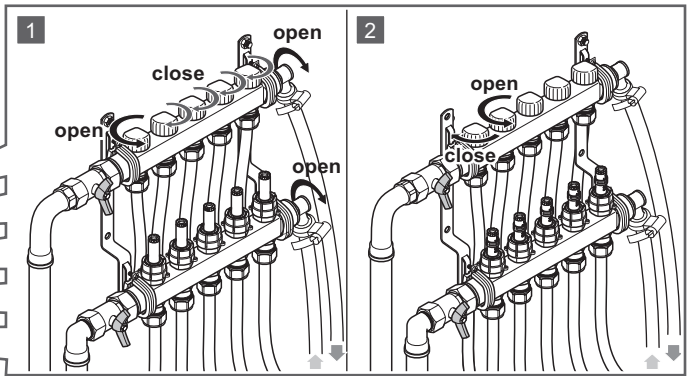
- $\vartheta_{sec} = 15 - 60^{\circ}C$
- $P_{max} = 6 \text{ bar}$
- $P_{test} = 10 \text{ bar}$
- $kvs = 1,1 \text{ m}^3/\text{h}$
- $V_{max} = 3,6 \text{ m}^3/\text{h}$   
 (12 loops)
- $\Delta P_{max} = 60 \text{ kPa}$   
 $\Delta P_{min} (30-150 \text{ l/h}) = 17 \text{ kPa}$   
 $\Delta P_{min} (150-300 \text{ l/h}) = 25 \text{ kPa}$







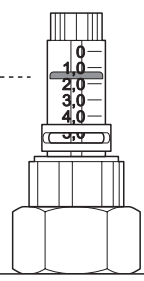

**EN 1264**



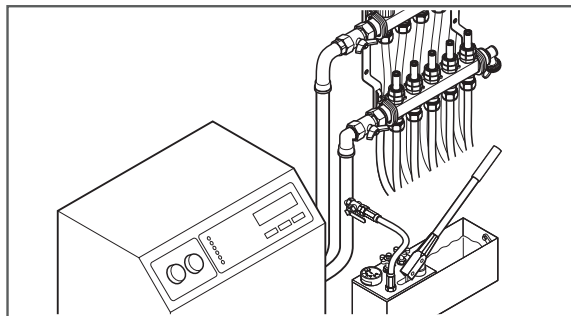

**Uponor floor heating calculation**

Room heating circuit data


Room No.	Heating circuit No.	Flow rate [l/min]	Valve adjustment
1	1	1	6
1	2	3	18
2	3	2	
3	4	1,67	<b>10</b>
4	5	2	5




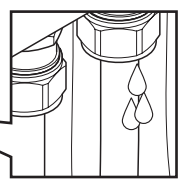
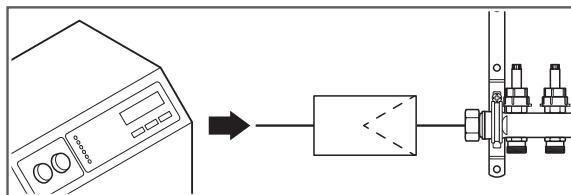
	4	10	20	30											
l/h	30	40	60	80	100	120	140	160	180	200	220	240	260	280	300
l/min	0,5	0,67	1,0	1,33	<b>1,67</b>	2,0	2,33	2,67	3,0	3,33	3,67	4,0	4,33	4,67	5,0

2 h



P = 4 – 6 bar

### Uponor GmbH

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D-97437 Hassfurt, Germany

1094100 v2\_11\_2024\_INT  
Production: Uponor / JLI

Uponor reserves the right to make changes, without prior notification, to the specification of incorporated components in line with its policy of continuous improvement and development.



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