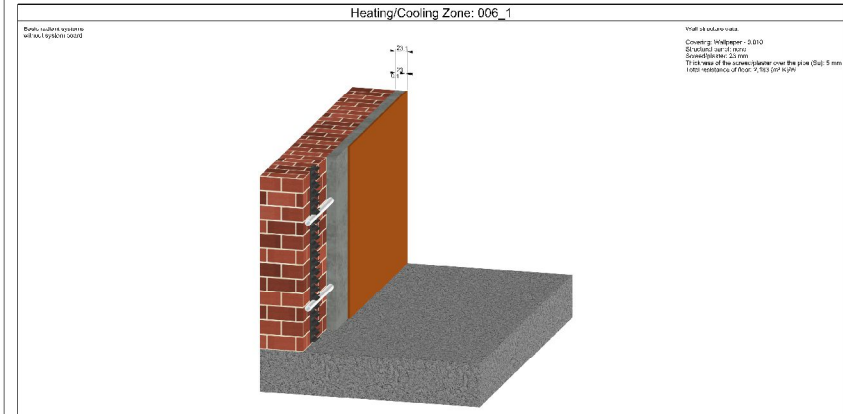
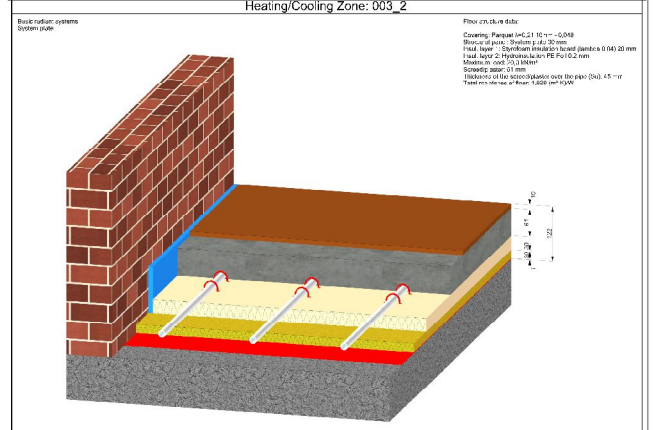


Manifold: 0051
Type: Manifold with balancing screws
Manifold set: Heat meter, balancing valve vertical
 Heat meters 1/4" MT, Qnom: 1,5 m³/h
Secondary side temp. (Heating): 59,0 / 28,2 °C
Manifold cabinet: Concealed manifold cabinet 1200x750x160
Feed mass flow: 445,1 kg/h
Min. required differential pressure: 11,37 kPa
Available differential pressure: 11,37 kPa
Balancing valve preset: kv= 3,16



No.	Type	To terminal unit	Room label	L m	Effect. area m²	Pipe spec. mm	Obtained heating output W	m/k kg/h	Δp kPa	Valve preset (S) rot.	
1	H/C Fl.	006_3_1	Bathroom	59,5	3,2	50	183,9	20,3	2,3	0,5 4,9	1,00
2	H/C Wall	006_1_1	Bathroom	30,7	2,1	100	95,8	25,6	3,6	0,6 3,4	1,00
3	H/C Fl.	001_1_1	Living room	118,6	14,0	125	766,5	73,7	0,6	6,7 0,4	8,00
4	H/C Fl.	002_2_1	Kitchen	116,7	8,4	75	612,5	55,3	3,7	2,7 1,3	3,00
5	H/C Fl.	003_2_1	Living room	90,5	8,3	125 / 100	474,1	56,0	3,8	2,1 1,8	3,00
6	H/C Fl.	003_2_2	Living room	92,6	9,5	125	542,7	62,0	2,9	3,9 0,9	3,50
7	H/C Fl.	003_1_1	Living room	48,3	11,6	125	628,8	34,6	6,6	0,7 0,4	1,00
8	H/C Fl.	9_1_1	Living room	79,5	8,6	125	509,5	57,2	3,9	1,8 1,9	3,00
9	H/C Fl.	9_1_2	Living room	81,0	9,4	125	481,9	45,9	3,8	1,5 2,3	2,50
10	H/C Fl.	004_1_1	Anteroom	30,4	3,6	100	191,2	14,5	1,2	0,2 6,3	1,00



Designer		
InstalSoft s.c.		
Project subject		Phase
Underfloor and wall heating example		
Address		Date
Investor		Scale
InstalSoft s.c.		
Designed by	Signature	Drawing no.
Drawn by	Signature	
Verified by	Signature	