Manifold: M.2.14
Type: Uponor Vario S manifold FM
Manifold set: With ball valves Horizontal G1
Secondary side temp. (Heating): 36.0 / 29.8 °C
Manifold cabinet: Uponor Vario cabinet IW 850x730x110mm
Mass flow rate: 913.7 kg/h
Min. required differential pressure: 11.09 kPa

No.	Type	To T.U.	Room label	L	Pipe diameter	Effect. area	Pipe spc.	Obtained heating output	m	Δp	Δp S Δp R	Valve preset (x)
				m		m²	mm	W	kg/h	kPa	kPa	
1	H/C Fl.	2.03-1-1 Izba		86.8	16 x 2,0	9.3	100	368	89.1	6.8	4.2 0.1	1.45 l/min
2	H/C Fl.	2.03-1-2 Izba		90.4	16 x 2,0	7.8	100	315	91.2	7.4	3.6 0.1	1.50 l/min
3	H/C Fl.	2.03-1-3 Izba		89.3	16 x 2,0	6.9	100	279	89.3	7.1	3.9 0.1	1.45 l/min
4	H/C Fl.	2.04-2-1 Kancelaria		71.0	16 x 2,0	6.7	200 / 100	276	58.1	1.8	9.3 0.0	0.95 l/min
5	H/C Fl.	2.04-1-1 Kancelaria		68.9	16 x 2,0	13.4	200	474	64.3	3.1	7.9 0.1	1.05 l/min
6	One-pipe group		-36 NONE				-	223	59.7	0.3	??? ???	
7	H/C Fl.	2.39-1-2 Izba		100.1	16 x 2,0	16.6	150	619	100.8	9.8	1.3 0.1	1.65 l/min
8	H/C Fl.	2.39-1-1 Izba		98.4	16 x 2,0	9.8	150 / 100	402	83.7	7.0	4.0 0.1	1.40 l/min
9	H/C Fl.	2.41-1-1 Izba		69.0	16 x 2,0	6.5	150 / 100	300	93.8	5.9	5.0 0.1	1.55 l/min
10	H/C Fl.	2.41-1-2 Izba		78.2	16 x 2,0	11.0	150	497	112.8	9.3	1.7 0.2	1.85 l/min
11	One-pipe group		-39 NONE				-	245	70.7	0.5	??? ???	

Manifold: M.2.15
Type: Uponor Vario S manifold FM
Manifold set: With ball valves Horizontal G1
Secondary side temp. (Heating): 36.0 / 28.1 °C
Manifold cabinet: Uponor Vario cabinet IW 850x730x110mm
Mass flow rate: 881.8 kg/h
Min. required differential pressure: 14.96 kPa

No.	Type	To T.U.	Room label	L	Pipe diameter	Effect. area	Pipe spc.	Obtained heating output	m	Δp	Δp S Δp R	Valve preset (x)
				m		m²	mm	W	kg/h	kPa	kPa	
1	H/C Fl.	2.34-2-1 Spoločenská miestnosť		62.7	16 x 2,0	11.6	200 / 100	514	71.7	3.4	11.5 0.1	1.20 l/min
2	H/C Fl.	2.34-1-1 Spoločenská miestnosť		50.1	16 x 2,0	17.0	200	731	61.1	2.1	12.8 0.0	1.00 l/min
3	H/C Fl.	2.01-1-1 Chodba		77.9	16 x 2,0	13.4	200	571	64.0	3.5	11.4 0.1	1.05 l/min
4	H/C Fl.	2.01-2-1 Chodba		85.7	16 x 2,0	7.2	200 / 100	357	61.8	2.3	12.6 0.0	1.00 l/min
5	H/C Fl.	2.05-2-1 Kancelaria		104.2	16 x 2,0	7.7	100	419	115.1	12.8	1.9 0.2	1.90 l/min
6	H/C Fl.	2.05-1-1 Kancelaria		112.4	16 x 2,0	4.8	100	259	108.5	12.5	2.3 0.2	1.80 l/min
7	One-pipe group		-35 NONE				-	232	59.7	0.4	??? ???	
8	H/C Fl.	2.37-1-2 Izba		118.8	16 x 2,0	16.2	150	601	109.3	13.4	1.3 0.1	1.80 l/min
9	H/C Fl.	2.37-1-1 Izba		116.9	16 x 2,0	10.3	150 / 100	407	94.3	10.2	4.6 0.1	1.55 l/min
10	H/C Fl.	2.35-1-1 Sesterna		79.8	16 x 2,0	20.1	200	712	69.1	4.1	10.8 0.1	1.15 l/min
11	H/C Fl.	2.35-2-1 Sesterna		85.5	16 x 2,0	13.6	200 / 100	639	67.2	4.2	10.7 0.1	1.10 l/min

Manifold: M.2.16
Type: Uponor Vario S manifold FM
Manifold set: With ball valves Horizontal G1
Secondary side temp. (Heating): 36.0 / 29.3 °C
Manifold cabinet: Uponor Vario cabinet IW 850x730x110mm
Mass flow rate: 777.0 kg/h
Min. required differential pressure: 12.06 kPa

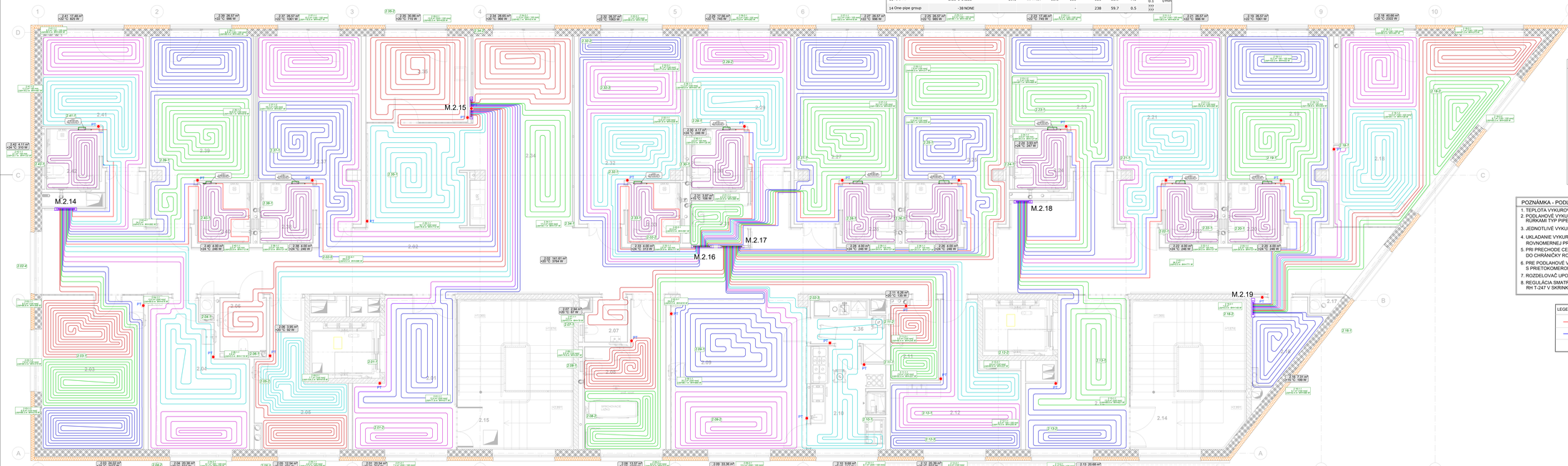
No.	Type	To T.U.	Room label	L	Pipe diameter	Effect. area	Pipe spc.	Obtained heating output	m	Δp	Δp S Δp R	Valve preset (x)
				m		m²	mm	W	kg/h	kPa	kPa	
1	One-pipe group		-42 NONE				-	238	59.7	0.5	??? ???	
2	H/C Fl.	2.27-1-2 Izba		106.4	16 x 2,0	16.2	150	623	102.5	10.7	1.2 0.1	1.70 l/min
3	H/C Fl.	2.27-1-1 Izba		100.0	16 x 2,0	10.2	150 / 100	418	83.3	7.0	4.9 0.1	1.35 l/min
4	H/C Fl.	2.29-2-1 Izba		72.8	16 x 2,0	6.3	150 / 100	283	72.2	4.0	8.0 0.1	1.20 l/min
5	H/C Fl.	2.29-1-1 Izba		69.9	16 x 2,0	11.2	150	447	85.9	5.2	6.8 0.1	1.40 l/min
6	One-pipe group		-34 NONE				-	241	59.7	0.5	??? ???	
7	H/C Fl.	2.31-1-1 Upratovacka		24.9	16 x 2,0	4.0	100	380	39.3	0.4	11.6 0.0	0.65 l/min
8	H/C Fl.	2.32-2-1 Izba		68.8	16 x 2,0	4.1	100	180	54.0	1.5	10.5 0.0	0.90 l/min
9	H/C Fl.	2.32-3-1 Izba		77.6	16 x 2,0	8.7	150	344	71.3	4.2	7.8 0.1	1.15 l/min
10	H/C Fl.	2.32-1-1 Izba		81.8	16 x 2,0	13.6	150	526	78.1	5.1	6.8 0.1	1.30 l/min
11	One-pipe group		-33 NONE				-	229	71.2	0.4	??? ???	

Manifold: M.2.17
Type: Uponor Vario S manifold FM
Manifold set: With ball valves Horizontal G1
Manifold cabinet: Uponor Vario cabinet IW 1000x730x110mm
Mass flow rate: 1075.7 kg/h
Min. required differential pressure: 8.32 kPa

No.	Type	To T.U.	Room label	L	Pipe diameter	Effect. area	Pipe spc.	Obtained heating output	m	Δp	Δp S Δp R	Valve preset (x)
				m		m²	mm	W	kg/h	kPa	kPa	
1	H/C Fl.	2.08-1-1 Kúpeľňa		74.6	16 x 2,0	5.5	100	291	99.3	7.1	1.1 0.1	1.65 l/min
2	H/C Fl.	2.08-2-1 Kúpeľňa		70.9	16 x 2,0	6.0	100	312	88.1	5.5	2.7 0.1	1.45 l/min
3	H/C Fl.	2.09-1-1 Jedalen		88.7	16 x 2,0	20.2	200	885	79.3	5.8	2.4 0.1	1.30 l/min
4	H/C Fl.	2.09-2-1 Jedalen		91.9	16 x 2,0	13.2	200 / 100	639	73.8	5.3	2.9 0.1	1.20 l/min
5	H/C Fl.	2.10-1-1 Kuchyňa		70.5	16 x 2,0	9.7	200 / 100	422	60.5	1.8	6.4 0.0	1.00 l/min
6	H/C Fl.	2.11-2-1 Cistaca M.		48.4	16 x 2,0	3.5	100	244	55.9	1.1	7.0 0.0	0.90 l/min
7	H/C Fl.	2.11-1-1 Cistaca M.		52.0	16 x 2,0	2.8	100	201	56.9	1.2	6.9 0.0	0.95 l/min
8	H/C Fl.	2.12-3-1 Izba		78.2	16 x 2,0	4.3	100	173	88.9	6.1	2.1 0.1	1.40 l/min
9	H/C Fl.	2.12-1-1 Izba		74.0	16 x 2,0	5.5	150 / 100	206	90.9	6.0	2.2 0.1	1.50 l/min
10	H/C Fl.	2.12-2-1 Izba		60.6	16 x 2,0	9.9	150	337	85.5	4.5	3.7 0.1	1.40 l/min
11	H/C Fl.	2.25-1-1 Izba		80.1	16 x 2,0	5.0	150 / 100	184	66.5	3.8	6.4 0.1	1.10 l/min
12	H/C Fl.	2.25-1-2 Izba		89.5	16 x 2,0	7.8	150	317	80.5	5.9	2.3 0.1	1.30 l/min
13	H/C Fl.	2.25-1-3 Izba		89.1	16 x 2,0	13.6	150	520	88.9	7.0	1.2 0.1	1.45 l/min
14	One-pipe group		-38 NONE				-	238	59.7	0.5	??? ???	

Manifold: M.2.18
Type: Uponor Vario S manifold FM
Manifold set: With ball valves Horizontal G1
Manifold cabinet: Uponor Vario cabinet IW 700x730x110mm
Mass flow rate: 651.6 kg/h
Min. required differential pressure: 12.86 kPa

No.	Type	To T.U.	Room label	L	Pipe diameter	Effect. area	Pipe spc.	Obtained heating output	m	Δp	Δp S Δp R	Valve preset (x)
				m		m²	mm	W	kg/h	kPa	kPa	
1	One-pipe group		-40 NONE				-	238	59.9	0.5	??? ???	
2	H/C Fl.	2.23-1-2 Izba		80.7	16 x 2,0	11.2	150	489	122.1	11.0	1.7 0.2	2.00 l/min
3	H/C Fl.	2.23-1-1 Izba		74.5	16 x 2,0	6.3	150 / 100	291	101.1	7.3	5.4 0.1	1.65 l/min
4	H/C Fl.	2.21-1-1 Izba		108.5	16 x 2,0	10.2	150 / 100	404	86.1	8.1	4.6 0.1	1.40 l/min
5	H/C Fl.	2.21-1-2 Izba		105.8	16 x 2,0	16.2	150	592	99.4	10.2	2.6 0.1	1.65 l/min
6	One-pipe group		-37 NONE				-	238	59.7	0.5	??? ???	
7	H/C Fl.	2.13-1-1 Predsien		68.6	16 x 2,0	13.8	200	621	64.9	3.2	9.6 0.1	1.05 l/min
8	H/C Fl.	2.13-2-1 Predsien		70.0	16 x 2,0	6.9	200 / 100	354	58.3	1.8	11.0 0.0	0.95 l/min

Manifold: M.2.19
Type: Uponor Vario S manifold FM
Manifold set: With ball valves Horizontal G1
Secondary side temp. (Heating): 36.0 / 29.9 °C
Manifold cabinet: Uponor Vario cabinet OW 750x730x135mm
Mass flow rate: 802.4 kg/h
Min. required differential pressure: 14.89 kPa

No.	Type	To T.U.	Room label	L	Pipe diameter	Effect. area	Pipe spc.	Obtained heating output	m	Δp	Δp S Δp R	Valve preset (x)
				m		m²	mm	W	kg/h	kPa	kPa	
1	One-pipe group		-41 NONE				-	238	59.7	0.5	??? ???	
2	H/C Fl.	2.19-1-2 Izba		106.8	16 x 2,0	16.3	150	654	114.1	13.0	1.7 0.2	1.90 l/min
3	H/C Fl.	2.19-1-1 Izba		103.3	16 x 2,0	10.2	150 / 100	432	97.4	9.5	5.2 0.1	1.60 l/min
4	H/C Fl.	2.18-1-1 Zimna zahrada		89.5	16 x 2,0	8.9	150 / 100	467	121.5	12.1	2.6 0.2	2.00 l/min
5	H/C Fl.	2.18-1-2 Zimna zahrada		94.1	16 x 2,0	14.9	150 / 100	729	122.9	13.0	1.7 0.2	2.05 l/min
6	H/C Fl.	2.18-2-1 Zimna zahrada		87.3	16 x 2,0	7.1	150 / 100	373	110.5	10.0	4.2 0.2	1.80 l/min
7	H/C Fl.	2.18-2-2 Zimna zahrada		85.0	16 x 2,0	9.7	150 / 100	508	116.8	10.7	4.0 0.2	1.95 l/min
8	H/C Fl.	2.16-1-1 Sklad		42.4	16 x 2,0	5.7	150	480	59.5	1.1	13.8 0.0	0.95 l/min