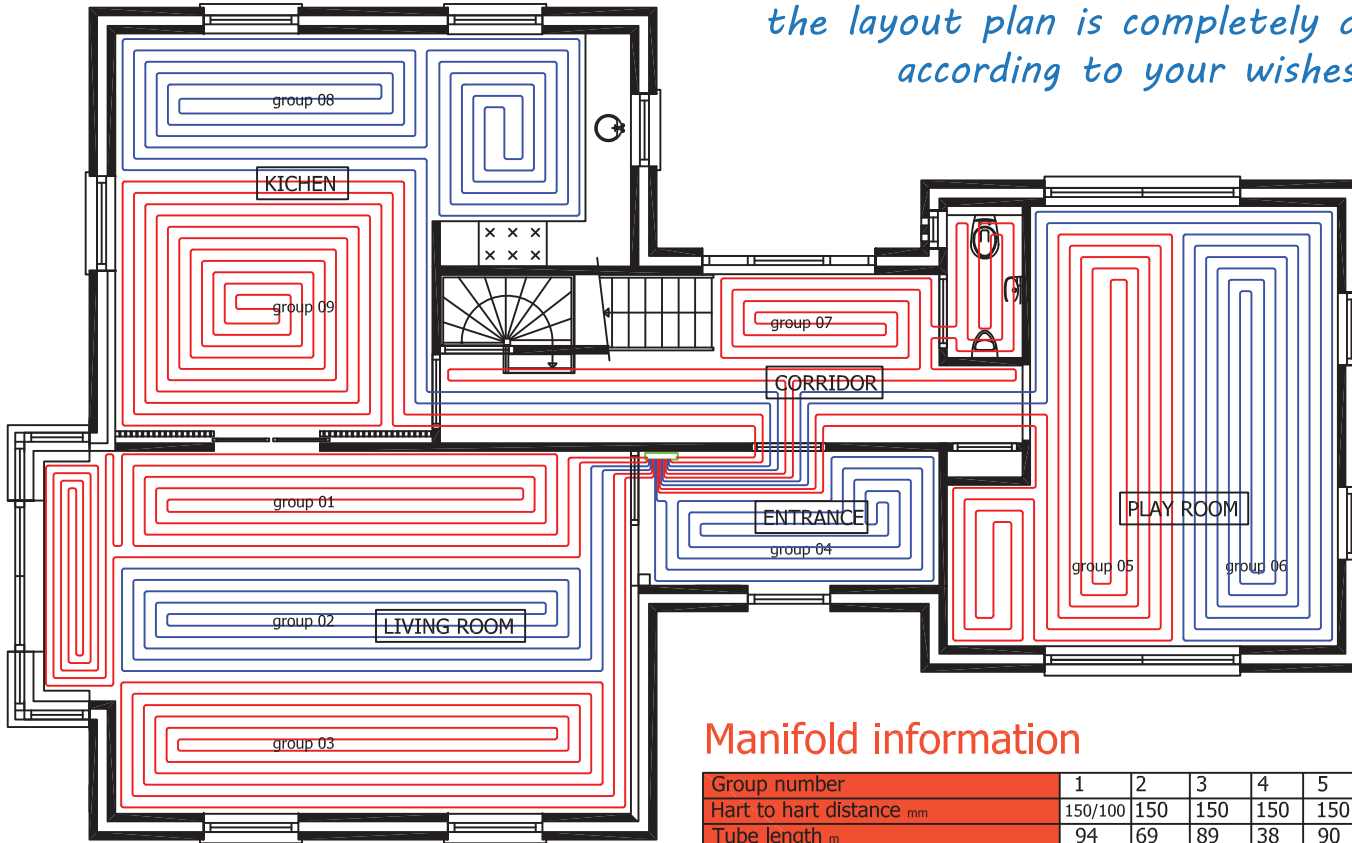


the layout plan is completely designed according to your wishes



your own material indications including article numbers here

Materials information

quan.	unit	name
1	piece	manifold 9 groups
18	pieces	connection set
6	rolls	tube 20x2 120 metres
97	pieces	isolation with naps
105	m	edge isolation

your own framework and company logo or that of your customer here

Manifold information

Group number	1	2	3	4	5	6	7	8	9	total
Hart to hart distance mm	150/100	150	150	150	150	150	150	150	150	
Tube length m	94	69	89	38	90	103	56	103	99	741
Capacity heating w	1.362	1.000	1.290	608	1.304	1.492	896	1.492	1.434	10.879
Absorption cooling w	362	266	343	146	346	396	216	396	381	2.852
Flow l / min heating	1,97	1,45	1,87	0,88	1,89	2,16	1,30	2,16	2,08	15,74
Flow l / min cooling	1,30	0,95	1,23	0,53	1,24	1,42	0,77	1,42	1,37	10,24
Pressure loss heating Pa	3.435	1.207	2.966	259	3.056	4.397	721	4.397	3.950	
Pressure loss cooling Pa	1.408	750	1.260	226	1.289	1.699	493	1.699	1.566	
Roll	1	2	3	4	5	5	4	5	6	

Room information

supply temperature °C heating	45
supply temperature °C cooling	17
screed thickness mm	70
λ screed (type of screed) w/m.k	1,2

Room	C/C mm	T room Heating °C	T room Cooling °C	floor cov.	T return Heating °C	T return Cooling °C	Surf. m²	Circ. m	Capacity Heating W/m²	Capacity Heating W	T floor Heating °C	Absorption Cooling W/m²	Absorption Cooling W	T floor Cooling °C
living room edgezone	100	20	26	Tiled floor	35	21	2,8	5	110	307	29,8	29	82	21,5
living room	150	20	26	Tiled floor	35	21	32,5	20	97	3139	28,7	26	834	22,1
kichen	150	20	26	Tiled floor	35	21	26,7	23	97	2579	28,7	26	685	22,1
corridor	150	18	26	Tiled floor	35	21	13,7	23,5	107	1461	27,5	26	352	22,1
entrance	150	18	26	Tiled floor	35	21	6,9	11,5	107	736	27,5	26	177	22,1
play room	150	20	26	Tiled floor	35	21	25,8	22	97	2492	28,7	26	662	22,1
							108	105		10.715			2.791	

Revision A:			
Phase:		Scale: 1:100	Date: 26 september 2014
Format:	A4		
Project number:			
Project:	House		
Drawn by:			

theFloorheater.eu
for a professional layout plan

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