

# Radiant Panel Summary



**Project #: 2015--2 Slabs**

**Date: Nov 23, 2015**

Prepared For: Langans Plumbing & Heating LLC

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Total Area: 450 ft<sup>2</sup>

Total Heat Load: 15,564 Btu/hr

Total Flowrate: 2.2 USGPM

Maximum Head Loss: 9.5 ft(H<sub>2</sub>O)

## Floorplan 1

Room	Heating	Zone #	Heated Area	Unheated Area	Construction	Attachment Method	Tube Type	Tube Spacing	Ldr. Len	Loop Length	# Loops	Room Load per ft <sup>2</sup>	Surface Temp	Design Temp Drop	Flowrate (Total)	Head Loss	Fluid Temp Req.	Fluid Temp Supplied
Room-1	Floor	1	150	0	Slab OG / Concrete	Embedded	hePEX 1/2"	12	40	230	1	23.1	83.5	10	1.0	9.5	103	109
Copy of Room-1 (1)	Floor	1	150	0	Slab OG / Concrete	Embedded	hePEX 1/2"	12	40	230	1	23.1	83.5	15	0.69	4.7	105	109
Copy of Copy of Room-1 (1) (1)	Floor	1	150	0	Slab OG / Concrete	Embedded	hePEX 1/2"	12	40	230	1	23.1	83.5	22	0.47	2.4	109	109

Area = ft<sup>2</sup>; Spacing = in; Length = ft; Unit Heat = Btu/hr/ft<sup>2</sup>; Temperature = °F; Flow Rate = USGPM; Head Loss = ft(H<sub>2</sub>O)