

# Radiant Panel Summary



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

**Date: Nov 23, 2015**

Prepared For: Langans Plumbing & Heating LLC

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Total Area: 675 ft<sup>2</sup>

Total Heat Load: 6,110 Btu/hr

Total Flowrate: 0.6 USGPM

Maximum Head Loss: 2.4 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	Ceiling	1	225.2	0	Ceiling / Gypsum	Quik Trak	hePEX 5/16"	7	30	253	2	7.3	72.6	20	0.22	2.4	81	90
Room 2	Floor	1	225	0	Slab OG / Concrete	Quik Trak	hePEX 5/16"	7	40	273	2	6.8	71.4	20	0.20	2.1	80	90
Room 3	Wall-1	1	99.2	0	Wall / Gypsum	Quik Trak	hePEX 5/16"	7	30	145	2	17.9	78	20	0.20	1.1	90	90

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)