

# Radiant Panel Summary



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

**Date: Nov 23, 2015**

Prepared For: Langans Plumbing & Heating LLC

Bluewater Mechanical Inc 1048 Cox Cro Rd Toms River, NJ 08755  
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Total Area: 675 ft<sup>2</sup>

Total Heat Load: 7,332 Btu/hr

Total Flowrate: 1.2 USGPM

Maximum Head Loss: 0.8 ft(H2O)

## 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	225	0	Suspended / Joist 16"	Suspended Pipe	hePEX 1/2"	8	30	229	2	7.8	71.9	10	0.49	0.78	109	114
Room 2	Floor	1	225	0	Suspended / Joist 16"	Suspended Pipe	hePEX 1/2"	8	40	249	2	7.8	71.9	20	0.24	0.27	114	114
Room 3	Floor	1	225	0	Suspended / Joist 16"	Suspended Pipe	hePEX 1/2"	8	30	229	2	7.8	71.9	10	0.49	0.78	109	114

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(H2O)