

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: 600 ft²

Total Heat Load: 20,752 Btu/hr

Total Flowrate: 4.3 USGPM

Maximum Head Loss: 39.4 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 ²	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"	9	40	280	1	23.1	83.5	10	1.0	11.7	98	104
Copy of Room-1 (1)	Floor	1	150	0	Slab OG / Concrete	Embedded	hePEX 1/2"	9	40	280	1	23.1	83.5	15	0.69	5.8	101	104
Copy of Copy of Room-1 (1) (1)	Floor	1	150	0	Slab OG / Concrete	Embedded	hePEX 1/2"	9	40	280	1	23.1	83.5	22	0.47	3.0	104	104
Copy of Copy of Copy of Room-1 (1) (1) (1)	Floor	1	150	0	Slab OG / Concrete	Embedded	hePEX 1/2"	9	40	280	1	23.1	83.5	5	2.1	39.4	96	104

Area = ft²; Spacing = in; Length = ft; Unit Heat = Btu/hr/ft²; Temperature = °F; Flow Rate = USGPM; Head Loss = ft(H₂O)