

Radiant Panel Summary



Project #: 2015--2 Slabs

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Prepared For: Langans Plumbing & Heating LLC

Bluewater Mechanical Inc 1048 Cox Cro Rd Toms River, NJ 08755
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Total Area: 675 ft²

Total Heat Load: 6,549 Btu/hr

Total Flowrate: 1.1 USGPM

Maximum Head Loss: 0.7 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	225	0	Suspended / Joist 16"	Joist Trak Plates	hePEX 1/2"	8	30	229	2	7.8	71.9	10	0.44	0.72	87	92
Room 2	Floor	1	225	0	Suspended / Joist 16"	Joist Trak Plates	hePEX 1/2"	8	40	249	2	7.8	71.9	20	0.24	0.29	92	92
Room 3	Floor	1	225	0	Suspended / Joist 16"	Joist Trak Plates	hePEX 1/2"	8	30	229	2	6.5	71.2	10	0.38	0.55	83	92

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