

Hydronic Site Evaluation Checklist

It is critical to perform a thorough system evaluation in all applications using the Anesi Gas Heat Pump. To ensure customer satisfaction and overall system performance you must provide detailed information about the project if design support is requested. Use this checklist in conjunction with the "Residential Room Hydronic Evaluation Checklist" to ensure a complete system evaluation.

IMPORTANT	A room-by-room heat loss calculation must be performed to understand the quantity of heat required. The emitters and system must be evaluated to ensure sufficient heat can be delivered to match design heat loss.
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Building Heat Loss

- Heat loss calculation performed for each room
- Number of zones: _____
- Obtain or create a plan layout or list of rooms served by each zone

Radiant Floor Heating Manifolds

- Manufacturer _____
- Number of manifolds _____ Number of loops on each manifold _____
- Take photos of manifolds
- Number of zones per manifold _____ Rooms served by each manifold _____
- Correlate zone(s) to heat loss
- Note the size of the supply/return pipe

Zoning Control

- Thermostats Quantity _____ Brand _____
- Slab sensors Yes No
- Zoning Valve Type Manifold actuators Zone valves

Hydronic System Piping

- Boiler Manufacturer _____ Model _____ Size _____
- Near boiler piping configuration Primary/Secondary Mixing system Buffer tank
- Take photos of near boiler piping system
- Glycol Concentration percentage _____ Brand _____ N/A
- Circulator model(s) _____
- Confirm design target temperatures and heating curve
- System Temperature Control
 - Boiler onboard control External control: Brand _____ Model _____

Existing Heating System Evaluation – Customer-Supplied

- Hot regions _____ Cold regions _____
- Overheating / Overshooting
 - Hot spots _____ Cold spots _____
 - Floor separation _____ Noise _____