ANESI®
A Beckett Commercial Solutions Company

CHECKLIST
Hydronic Site Evaluation

GAS HEAT PUMP

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.

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.

	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	
☐	Glycol: ☐ Yes ☐ No	Concentration percentage:	Brand:		
☐	Circulator Model(s):				
☐	Confirm design target temperatures and heating curve				
☐	System Temperature Control:	☐ Boiler onboard	☐ External	Brand:	Model:
	Existing Heating System Evaluation – Customer-Supplied				
☐	Hot regions:	Cold regions:			
☐	Overheating/Overshooting:	☐ Hot spots	☐ Cold spots	☐ Floor separation	☐ Noise