



****Pre-installation Checklist 9-1-22****

Contractor Name: _____ Installer: _____ Vesta Model: _____

Customer Name: _____ Date: _____

Installation address: _____ Phone: _____

1. Number of Bathrooms? _____ Number of Bedrooms? _____ S/F of home _____
2. # of people living in Home? _____ 1 or 2-Story _____ Mother-in-Law Appt. _____ VRBO _____
3. What is the GPM needed for tub/showers, roman tub, body sprays & faucet fixtures? _____
4. Look for hot/cold hose bibb, pre-rinse kitchen/touch faucets, thermostatic mixing shower valves and Dog wash area when installing Tankless Water Heaters-these can create a cross or fluctuation.

ENTER APPLIANCE	BTU	ENTER APPLIANCE	BTU
Tank Water Heater		Heating Systems	
Dryer and/or Fireplace		Furnace/Boiler	
Stove and/or Cook Top Range		Space Heaters/Generator	
Outdoor Grill and/or Patio Heater		Tankless Water Heater	
Pool Heater		TOTAL BTU LOAD	=

5. BTU/CFH reading of gas meter; Check one _____ AC-175 _____ AC-250 _____ AC-325 _____ AC-425
6. Calculate a 10,000 BTU Loss/Deduction for each **90 and/or Tee** from gas run.
7. What is incoming **W/C** gas pressure/static pressure? _____ What is **W/C** drop in **Max fire**? _____
8. **24 ft. ½ inch gas run**; Vesta unit must be 1st on the run. When using **(1) ½ inch 90 & Tee, no more than 12 ft. ½ inch pipe run. **In Canada, no more than 2 ft. of ½ inch Gas pipe to unit allowed.****
9. What type of Gas supply? Best inches of W/C **(7")** Natural Gas **(12")** Propane/LP
10. Gas: CSST or Black Piping _____ Size _____ Length _____ 45's _____ 90's _____ Tees _____ Bends _____
11. **Absolutely NO PVC Bushings on exhaust runs. NO EXCEPTIONS, Reducing Couplings only!**
12. Venting clearances available? 4 ft from window, doorway, overhang/soffit and 10 ft from Gas Reg.
13. ****DO NOT**** terminate Exhaust directly into chimney chase without a PVC, S/S, or Polypipe liner.
14. Venting must be Sch-40 Solid Core (**Over 140 degrees**; use CPVC Sch-80 Polypro or Stainless Steel).
15. **Exhaust & Intake Run Allowed: -Accumulative for 2" 50 ft. for VH models; & 60 ft. for VR models.**
16. How many elbows? **45 (loses 4 ft)*** _____ **90 LT (loses 6 ft)** _____ **Short turn 90-'s (loses 8 ft*)** _____
17. Exhaust straight pipe run off top of Vesta unit must be 9 to 12 inches long before 1st bend or turn.
18. All Exhaust Piping Must have a 2 to 3% grade; or 1/4 to 3/8 of an inch per ft. drop back to the unit.
19. What is water pipe size attached to heater? **½"** **¾"** **1"** Is recirc available? What size _____
20. What type of material is the water pipe? Copper PEX CPVC Poly Galvanized
21. When running retrofit recirc, need 2 Grundfos Comfort Tees or 1 Aqua Motion Bi-pass to = 1 GPM.
22. What is the incoming **WATER PSI**? _____ If over 80 PSI, will need **PRV** Yes No
23. Is unit on a well? _____ Constant Pressure well Pressure Differential 30/50 or 40/60
24. If Scale hardness is over 15 grains, best to install NUVO-H2O water softener or Scale Blaster.
25. Is there 120 volt AC available where the Vesta will be installed? Yes No **GFI** Yes No
26. **DO NOT PLUG VESTA** into same outlet as freezer or refrigerator. **Dedicated outlet only!**
27. Check for **Ground & Polarity @ the outlet** before plugging in Vesta unit. **NO EXTENSION CORDS!**
28. **All units need a Surge Protector and/or HUGO or APC back up battery if prone to power outages.**
29. Condensate pump needed? Yes No A location to drain & terminate? Yes No

30. **IMPORTANT ALL VH & VR units must have EXPANSION TANK for all Closed Loop Systems!**