

REQUEST FOR START-UP SERVICE

Factory Authorized Start-Up is required and is included in the purchase price for this product. Your Riverside Hydronics representative will coordinate startup by a local factory-authorized service agency. You must complete this form and submit it to your local Riverside Hydronics representative or contact Customer Service at 1-800-990-5918. TWO-WEEK ADVANCE NOTICE REQUESTED.

Start-Up requested to occur on: _____

Job Name: _____

Job Street Address: _____

Job Contact Name: _____ Phone: _____

Model Number(s): _____

Serial Number(s): _____

Installers' Pre-Start Checklist

1. Boiler is installed in 2-loop (Building loop/Boiler loop) system: Yes No
2. Building loop pump capacity: _____ gpm Building pump controlled by VFD: Yes No
(Primera boilers only - minimum capacity of 125% of combined flow rate for all boilers firing at any time required.)
3. Building loop pump location: upstream of boiler downstream of boiler
4. Multiple boiler installation: Yes No; Reverse Return; or Branch piping arrangement?
5. Balanced piping: Yes No; Common manifold pipe size: _____
6. Boiler loop pump capacity: _____ gpm @ _____ head loss
(Note: This pump is not provided as standard equipment on Primera boilers and must be sized for proper flow)
7. Boiler loop pipe size: _____ Type: _____ Length of boiler loop pipe: _____ No. of fittings: _____
8. Full-port (100% port area) balancing valves installed in supply line of boiler(s): Yes No
9. Lo-temp bypass installed (Primera Only): Yes No, with Manual 2-way; or Auto 3-way valve
10. Is sensor well (Primera Only) installed in building loop return upstream of boiler return: Yes No
(Note: After start-up the boiler control sensor must be moved to this well)
11. Boiler(s) connected to Energy Management System(EMS): Yes No
12. Does EMS control burner modulation: Yes No; 4-20mA 0-10vdc
13. EMS connected to which boiler terminals: _____ Wire ga. _____ Distance to EMS panel _____
14. Describe EMS type and function: lead/lag burner staging outdoor reset setback

Installers' Pre-Start Checklist (cont.)

- 15. Power venting equipment installed in flue: Yes No
 - 16. Power vent connected to which boiler terminals: _____ Wire ga.: _____ @ length: _____
 - 17. Direct-ducted combustion air? Yes No Duct diameter: _____ inches; Duct length: _____ feet
 - 18. Duct Material: _____ Does duct have elbows? Yes No; Qty / Type _____
 - 19. Is combustion air supplied by louvers or openings Qty: _____ Size: _____
 - 20. Are louvers interlocked with unit? Yes No
 - 21. Louvers connect to which unit terminals: _____ Wire ga.: _____ @ length: _____
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PRIOR TO THE ARRIVAL OF YOUR STARTUP TECHNICIAN WE WILL ENSURE THAT THE INSTALLATION IS COMPLETE, INCLUDING ALL ITEMS APPLICABLE TO OUR EQUIPMENT AS CHECKED BELOW:

- Potable water system with isolation valves
 - Electrical system is intact and wired for operation
 - Fuel system (Gas or Oil pressure/supply checked to be within equipment specification)
 - Flue gas vent and barometric damper installed
 - Mechanical vent electrically interlocked to burner controls, tested and adjusted
 - Make-up air for combustion
 - Hot Water supply
 - Condensate or hot water return
 - All other auxiliary equipment necessary for operation installed and ready for operation
 - Relief valves and tank drain plumbed to suitable floor drain
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WE UNDERSTAND THAT THE START-UP SERVICE IS PART OF THE SALES CONTRACT, PROVIDED AT NO EXTRA CHARGE, AND IS REQUIRED TO REGISTER THE WARRANTY ON THE PRODUCT WITH THE FOLLOWING EXCEPTIONS:

1. If Start-Up is scheduled and upon arrival of your startup technician it is determined that the equipment is not ready for start-up due to an incomplete installation, an hourly service charge will be paid to the Riverside Hydronics representative prior to the restart of this equipment.
2. The Start-Up service is necessary for the warranty of this equipment to become effective. The warranty will not start until a rescheduled startup is completed and approved by the manufacturer

Requested by: _____ Date: _____

Company Name: _____

Address: _____

Phone: _____ Fax: _____