

NON-CONDENSING BOILER START-UP FORM

(REFER TO THE PRODUCT MANUAL FOR QUESTIONS REGARDING THE INSTALLATION AND OPERATION OF THIS PRODUCT)

JOB NAME: _____ **MODEL #:** _____
ADDRESS: _____ **SERIAL #:** _____
CITY: _____ **ST:** _____ **ZIP:** _____ **DATE:** _____

GAS SUPPLY: ☐ Natural Gas Static Pressure (Unit Off): _____ "wc Gas Pipe Diameter: _____ " (inches)
☐ LP Gas Dynamic Pressure (100% Fire): _____ "wc

Is there an inlet gas lockup regulator on the supply? ☐ Yes ☐ No
 If **Yes**, is it ten feet upstream from the appliance? ☐ Yes ☐ No, explain: _____

OPERATING PARAMETERS:		SETTING	
Pilot Gas Pressure (w.c.i.)			
Manifold Pressure (during "Purge" - at high fire)			
Gas Supply Pressure (at inlet to Evolution gas train – all units on) (w.c.i. or psi)			
		High Fire:	Low Fire:
Manifold Gas Pressure (w.c.i.)			
VFD Freq. (Hz)			
CO (ppm – corrected to 3%O ₂)			
CO ₂ (%)			
O ₂ (%)			
Excess Air (%)			
Stack Temp (°F)			
Combustion Efficiency (%)			
Gas Pressure Switch Settings (w.c.i.)			
High Temp Aquastat Setting (°F)			

WATER: Supply Temperature: _____ °F Return Temperature: _____ °F Delta T _____ °F

ELECTRICAL: Supply Voltage: _____ Total Amp Draw: _____

VENTING & AIR INTAKE:				Combustion Air:			
Refer to O&M Manual		Vent:				Combustion Air:	
		Material: _____				Material: _____	
		Diameter: _____ "				Diameter: _____ "	
		Sub-Total				Sub-Total	
90° SR Elbow: _____ Qty	ft / ea	_____	ft	90° SR Elbow: _____ Qty	ft / ea	_____	ft
90° LS Elbow: _____ Qty	ft / ea	_____	ft	90° LS Elbow: _____ Qty	ft / ea	_____	ft
45° Elbow: _____ Qty	ft / ea	_____	ft	45° Elbow: _____ Qty	ft / ea	_____	ft
Horizontal Straight: _____ Lgth	1 ft / 1ft	_____	ft	Horizontal Straight: _____ Lgth	1 ft / 1ft	_____	ft
Vertical Straight: _____ Lgth	1 ft / 1ft	_____	ft	Vertical Straight: _____ Lgth	1 ft / 1ft	_____	ft
Total Equiv. Length: _____		_____ ft		Total Equiv. Length: _____		_____ ft	

* SR - Short Radius / LS - Long Sweep/Sanitary Elbow

Vent / Air Termination:

- ☐ Vertical Vent w/ Room Air ☐ Vertical Direct Vent
☐ Horizontal Vent w/ Room Air ☐ Horizontal Direct Vent
☐ Vertical Vent w/ Sidewall Air

Notes (Refer to O&M Manual):

1. Make sure total equiv. length does not exceed max equiv. length shown in Manual.
2. Vent and combustion air terminals do not count towards total equivalent length.
3. Pressure drop for flexible polypropylene liner is 20% greater than for rigid pipe. Multiply measured flexible polypropylene line length by 1.2 to obtain equivalent length.
4. Max equivalent length of flexible polypropylene liner is 48 ft.
5. All elbows referenced are short radius.

NOTES / COMMENTS: _____

START-UP PERFORMED BY: COMPANY: _____ ADDRESS: _____ CITY: _____ ST: _____ ZIP: _____ NAME: _____ PHONE: _____
START-UP APPROVED BY: COMPANY: _____ ADDRESS: _____ CITY: _____ ST: _____ ZIP: _____ NAME: _____ PHONE: _____