



START-UP FORM FOR STEAM WATER HEATERS

COBREX® - QUICKDRAW® STEAM - CSX MODELS

A Start-up Form must be completed for each unit installed on site. All completed Start-Up Forms must be returned to the PVI Customer Care Department **within 21 days from the date of Start-Up to activate warranty**. Start-up must be performed by qualified personnel.

PVI CUSTOMER CARE DEPARTMENT

PVI Industries LLC 3209 Galvez Ave. Fort Worth, TX 76111	Phone: 1-800-433-5654 Email: customercare@pvi.com Web: www.pvi.com
<i>* This Equipment Start-up Form can also be completed and submitted electronically via our web site at www.pvi.com. You will find it under the Service and Support menu, e-Forms section.</i>	

Date:		Report Type:	Original Start-Up	Service Call			
Model Number:		Serial Number:					
Installation Job Name:							
Installation Address:							
Installation Type:	New	Repl.	School	Lodging	Hospital	Restaurant	Other

PRE START-UP CHECKLIST

Inspect the unit for the following points as applicable and refer to the product Installation & Maintenance Manual prior to Start-Up. Note any deficiencies in the space provided at the end of the report.

GENERAL	(Y / N / NA)
Are system utilities adequate to meet the requirements on the water heater's rating decal?	
Is the unit damaged or are there any missing parts?	
Is there adequate clearance for proper operation & maintenance?	
Is the steam supply and condensate return piping properly supported with unions and isolation valves installed?	
Are all piping complete, connections tight, leak free and damage free?	

ELECTRICAL & CONTROL REQUIREMENTS	(Y / N / NA)
Does the main power supply comply with the unit's nameplate specifications?	
Is the unit properly wired to an electrical disconnect or breaker?	
Are terminal screws and wires connected and are tight?	
Is voltage from Terminal L2 (Neutral) to the Ground Lug on the tank zero (0)?	
Nameplate Voltage	V: <input type="text"/> Ø: <input type="text"/> Hz: <input type="text"/>
Measured Voltage (unit off)	V: <input type="text"/> Ø: <input type="text"/> Hz: <input type="text"/>
Measured Voltage (unit on)	V: <input type="text"/> Ø: <input type="text"/> Hz: <input type="text"/>

BUILDING MANAGEMENT/AUTOMATION	(Y / N / NA)		
Gateway installed?			
EMS Discrete Interface (Enable, Disable, Remote On-off)?			
EMS Communication Interface (Modbus, BacNet, etc.)?			
EMS connected to which field access terminals:		Field Wire Gauge:	
EMS Brand (JCI, Siemens, etc.):			

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DOMESTIC WATER SYSTEM		(Y / N / NA)
T&P relief valve(s) piped to a suitable floor drain?		
Is the tank drain plumbed to a suitable floor drain?		
Expansion relief in the cold water supply?		
Water softener on the cold water supply?		
Mixing valve on the hot water supply?		
Is there a building recirculation loop piped to the water heater?		

STEAM SYSTEM		(Y / N / NA)			
Static Steam Pressure (PSI):		Flow Steam Pressure (PSI):		Operating Steam Pressure (PSI)	
Is there a steam trap ahead of the water heater steam control valve(s)?					
Is there a steam strainer ahead of the water heater steam control valve(s)?					
Does steam flow stop completely when steam control valve is de-energized?					
Is there a steam trap in the water heater condensate line?					
Is there lift in the condensate return line before the receiver tank?		Lift in feet (ft.):			

OPERATION		(Y / N / NA)			
Operating Set Point (°F):		Upper Operating Set Point (°F):		High-Limit Set Point (°F):	
Secondary Operating Set Point (°F):		Cold Water Inlet Temperature:		Hot Water Outlet Temperature (°F):	

Note: The information on this form verifies operation of the PVI product only. This does not imply other system components or overall system operation is certified. Ancillary equipment component and system verification should be performed by the designated commissioning agent or installing contractor.

COMMENTS

Start-up Performed By	
Company:	
Address:	
City:	State: Zip:
Email:	Phone:
Name:	

Start-up Accepted By	
Company:	
Address:	
City:	State: Zip:
Email:	Phone:
Name:	