

START-UP FORM FOR ELECTRIC WATER HEATERS



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
425 W. Everman Pkwy.
Suite 101
Fort Worth, TX 76134

Phone: 1-800-433-5654
Email: PVI-CustomerCare@wattswater.com
Web: www.pvi.com

** 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.*

Date:		Report Type:	Original Start-Up <input type="checkbox"/>	Service Call <input type="checkbox"/>			
Model Number:		Serial Number:					
Installation Job Name:							
Installation Address:							
Installation Type:	New <input type="checkbox"/>	Repl. <input type="checkbox"/>	School <input type="checkbox"/>	Lodging <input type="checkbox"/>	Hospital <input type="checkbox"/>	Restaurant <input type="checkbox"/>	Other <input type="checkbox"/>

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?	
Shut-off valves installed on the inlet and outlet water piping for servicing?	
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?	
Checked resistance to ground between all element terminals and the element mounting flange	
Number and size of incoming power cables:	Power cables are: <input type="checkbox"/> Copper <input type="checkbox"/> Aluminum
Control circuit transformer	Volts <input type="text"/> / <input type="text"/> Volts <input type="text"/> Primary transformer fuse size <input type="text"/> Volts <input type="text"/> Amps <input type="text"/>
Nameplate voltage	V: <input type="text"/> \emptyset : <input type="text"/> Hz: <input type="text"/> Amps: <input type="text"/>
Measured voltage (unit off)	V: <input type="text"/> \emptyset : <input type="text"/> Hz: <input type="text"/> Amps: <input type="text"/>
Measured voltage (unit on)	V: <input type="text"/> \emptyset : <input type="text"/> Hz: <input type="text"/> Amps: <input type="text"/> Amps per leg: <input type="text"/>
Total number of contactors:	Size (amps): <input type="text"/> Contactor fuse size (amps): <input type="text"/>
Total number of contactors:	Size (amps): <input type="text"/> Contactor fuse size (amps): <input type="text"/>
Total number of electric heating elements:	Ea. <input type="text"/> kW <input type="text"/>
Total number of electric heating elements:	Ea. <input type="text"/> kW <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: <input type="text"/>
EMS Brand (JCI, Siemens, etc.):	

START-UP FORM FOR ELECTRIC WATER HEATERS (cont.)

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?		

OPERATION					
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 the operation of the PVI product only. This does not imply other system components or overall system operation is certified. The designated commissioning agent or installing contractor should perform ancillary equipment component and system verification.

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:					