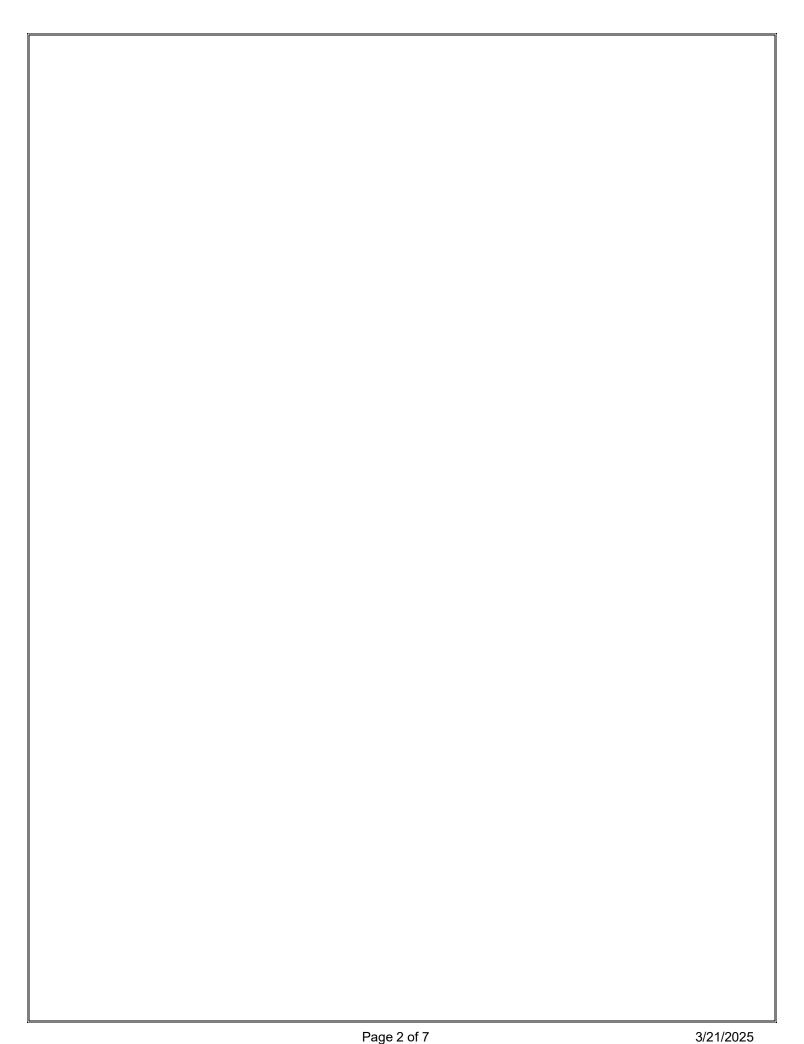


## CENTURION WATER HEATER INSTALLATION FORM

Please complete **ONE (1) form for each SITE** and return to PVI for warranty validation within 30 days of start-up. After completion, e-mail this form to: **CUSTOMERCARE@PVI.COM**.

Completed By:			Date:		
		Site Location			
Installation Name:		Te	echnician:		
Street Address:			Company:		
City, State, Zip:			Phone #:		
PVI Sales Rep:			_		
	Equi	oment Classific	cation		
	Equi		Cation		
Unit Type Unit Serial Number(s)		CEN 2000	•	CEN 2000 Prop	oane
(Add additional in					
Notes if needed)					
General Installation					
Is the condensate dispo	osal system adequately s	ized and does it drain	properly?	☐ Yes	
2. Is the condensate disponding the Centurion O&M?	sal system installed in a			<del></del>	□ No
3. Is the relief valve piped	to drain or within 12" of fl	oor?		☐ Yes	☐ No
4. Is there an electrical ser	rvice switch at or near the	e unit?		☐ Yes	☐ No
5. Does any electrical conduit, ductwork or piping impede the serviceability of the unit or the ability to remove the sheet metal covers?				to Yes	☐ No
6. Is there an adequately s		izer kit installed?		☐ Yes	☐ No
7. Have all electrical components been verified for proper grounding?				☐ Yes	☐ No
8. Has all communication wire been properly shielded?			☐ Yes	☐ No	
9. Does each unit have a strainer installed in inlet to the water heater?			☐ Yes	☐ No	
10. What is the strainer mesh size?					
11. What is the system pressure?			PSI		
12. The system application is:					
☐ Potable Water	Process S	torage tank	ner		
13. Are all units installed in accordance with the clearances defined in the Centurion O&M?			☐ Yes	☐ No	
a. If not, why not? _					

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	Gas Supply				
The questions below are related to the information in the Centurion Gas Supply Design Guide, TAG-00103					
	Type of Gas Supply  Natural Gas (NG)  Propane (LP)				
	If the static pressure is more than 14" WC, is an external gas supply regulator installed per unit?  Natural Gas:	Yes No			
4.	Propane:  What is the make and model number of the external gas supply regulators?	Yes ∐ No			
	Natural Gas: Make: Model: Model:				
5.	Propane: Make: Model: Model: LP  What is the static gas supply pressure to the external supply regulator? NG: LP				
	Were the external gas supply regulators supplied by PVI?	Yes No			
Ο.	a. If No, please attach regulator specification sheet to this form and return both to PVI.				
7.	Are the external gas supply vent regulator lines installed per local code & manufacturer's requirement?	☐ Yes ☐ No			
8.	What is the size & length of the gas supply header? Natural Gas: Propane: _				
9.	Are there any other appliances connected to the gas supply line?	☐ Yes ☐ No			
	a. If Yes, please indicate the total BTU connected load: MBH				
10	. Is the gas supply system installed in accordance with the PVI Centurion Gas Components & Supply Design Guide TAG-00103?	☐ Yes ☐ No			
	Venting				
The questions below are related to the information in the Centurion Venting and Combustion Air Guide, TAG-00102					
1.	What is the total vent length run?				
	a. What is the total number of elbows in the ducting? 30° 45°	_ 90°			
	b. Are all elbows spaced 5 feet apart and 2 feet from the starter piece on the first elbow?	☐ Yes ☐ No			
2.	Is the vent pitched back toward the water heater (1/4" per ft. length) per the PVI Venting Guide?	☐ Yes ☐ No			
3.	Venting material used is (choose one):	☐ CPVC			
	Venting manufacturer is:				
	☐ Breeched/Common (Units Vented Together)	per/Fan			
6.	Does the layout (overall length, pressure drop, breeching calculations, vent pipe wall thickness, etc.) comply with TAG-00102?	☐ Yes ☐ No			

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	Combustion Air	F40 00101	
	The questions below are related to the information in the Centurion Venting and Combustion Air Guide, The Combustion of the same of the sa	AG-00102	2
1.	Combustion air supplied through (check all that apply):		n oir
	☐ Louvers to outside wall vent ☐ Horizontal ducting ☐ Direct or ducted of		n alf
2	☐ Louvers to another room ☐ Vertical ducting ☐ Combustion air fa	411	
2.	What is the size of the common ducting if applicable?		
2	a. What is the size of the common ducting, if applicable?  Are there any draft inducers, combustion air fans or draft controllers on site?	☐ Yes	
J.	·	∟ res	∐ No
	a. If Yes, list all that apply:  b. Explain configuration:		
4.		□Yes	∏No
		□.55	П.,,
	Centurion Water Heater Installation		
1.	Are isolation valves installed in the inlet piping?	☐ Yes	☐ No
2.	Are isolation valves installed in the outlet piping?	☐ Yes	☐ No
3.	Is a hose bib installed in the outlet piping?	☐ Yes	☐ No
4.	Are check valves installed in the cold water inlet?	☐ Yes	☐ No
5.	Are check valves installed in the recirculation line?	☐ Yes	☐ No
6.	Building recirculation is piped to:   Inlet Side of Heater None		
7.	Record distance of building connections (ft)& cold water feed (ft)to the bank of	f INN unit(	s)
8.	Are motorized isolation valves installed?	□Yes	□No
9.	What are the maximum/minimum design flow rates through the unit? Max GPM, Min		GPM
	a. Were the maximum & minimum flow rates verified?	☐ Yes	☐ No
10	. Is the remote interlock utilized?	☐ Yes	☐ No
	a. Please list all devices connected to the remote interlock:		
11	. Is the delayed interlock utilized:	☐ Yes	☐ No
	Please list all devices connected to the delayed interlock:		
12	. What is the design system flow rate? GPM		
13	. What is the design plant delta T? °F		
	Domestic Water Heating Mode		
1	Does the System use a Storage Tank?	□ Voc	
١.	Does the System use a Storage Tank?  Callons  Gallons	∐ Yes	∐No
_	a. What is the size of the Storage Tank? Gallons		
	Storage tank position is:		
3.	Position of aquastat: Upper 1/3	tat	
4.	What is the aquastat temperature setting? °F		
5.	If using a sensor, what is the Domestic Hot Water setpoint? °F		

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		Mode of O	peration			
		Individual Unit Contr	ol (choose d	one):		
☐ Remote Set Point	(0 to 10V Input)	☐ Domestic Hot Wa	•	, ☐ Water Heater N	//anagement (V	VHM)
_	If Netw	ork (MODBUS), the netw	_	(choose one):		
∐ Edge		L	Other:			
	If Building A	utomation System (BAS	Protocol is	in use (choose one)	:	
BACNet (choose	_			` ,		
□IP	,		☐ MS/TP			
☐ PTF	<b>D</b>	[	] ARC156 (2	XPC Model Only)		
☐ Johnson Controls	- N2					
LonWorks						
		Water Qu	ality			
		e unit's input water supply				
		rd water quality test kit, we e answered by such test k		ole at retail hardware	and home imp	rovement
1. What is the pH of th	ne water?		_ (a pH betw	veen 6.5 to 9.5 is reco	mmended)	
O . W// 4 :- 4			Grains per Gallon (1-10 is recommended)			
2. What is the TDS (T			_ or mgi (5- <i>1</i>	75 is recommended)		
3. What is the TDS (T the water?	otai dissolved St		PPM (less than 350 is recommended)			
4. Is there a water sof	tening or treatme	nt system installed?			☐ Yes	☐ No
a. If yes, what ty	pe?					
☐ Salt	☐ No Salt	☐ Chemical Injection	Other			

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	Summary
1.	Are the water heater(s) installed in accordance with PVI guidelines and industry best practices?  I Yes No  a. If No, please describe the issues.
2.	b. Who has been contacted? Please provide name & number for each person contacted. (Check all that apply)    PVI Applications Engineer:
3.	b. Who has been contacted? Please provide name & number for each person contacted. (Check all that apply)    PVI Applications Engineer:
4.	b. Who has been contacted? Please provide name & number for each person contacted. (Check all that apply)  PVI Applications Engineer:  Mechanical Contractor:  Design Engineer:  Controls Engineer:  Electrician:  Please outline any exceptions that have been granted by PVI Applications Engineering for this installation.
	a. PVI Application Engineering Sign Off (If Necessary):

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