

PEEL HERE
TO OPEN

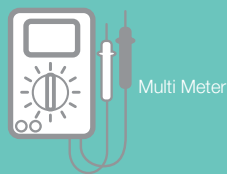


TRITON® Quick Start Guide



BEFORE YOU BEGIN

Gather required additional tools



Multi Meter



Manometer



Combustion Analyzer (optional)



SCAN CODE

for additional information
and videos

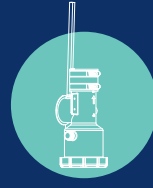
A Successful Install **STARTS HERE**



INSPECT SHIPMENT
Check for any damage that may have occurred during shipping or handling.



PREPARE THERMAL EXPANSION TANK
Make sure the thermal expansion tank is properly sized for the application and pressurized to the building static water pressure.



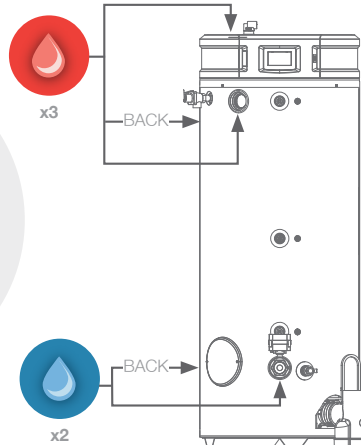
LOCATE NEUTRALIZER AND NEUTRALIZER ROCKS Empty neutralizer rocks from bag into condensate tee. Pour 1 Cup of Water into exhaust tee to prime.

WATER CONNECTIONS

Step 1, **Connect the Inlet and Outlet**

Four water inlet and outlet connections at the top, side and bottom for easy piping

- Two 2" Water Connections Ports on Front
- Two 2" Water Connections Ports on Back
- One 1-1/2" Water Connection Port on Top



INSTALLER TIP

- Remember to fill water heater **before** startup

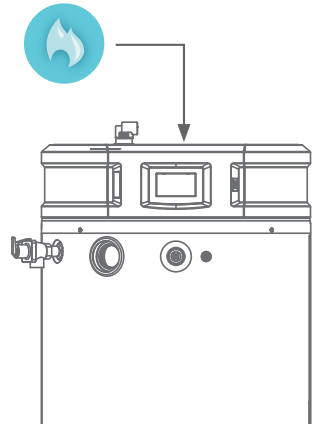
GAS CONNECTION

Step 2, **Connect the Gas Line**

For best performance:

- Ensure that all gas connections, regulator(s), and meter are sized properly for the BTU/h rating (See Installation Manual for charts)
- **Regulator should be a minimum of 8' from the water heater**
 - If installing more than one water heater, make sure each water heater has a regulator
- Check all connections and fittings for leaks

NOTE: Heaters are not field convertible from LP to Natural Gas and vice versa.



VENTING

Step 3, **Hook Up the Intake and Exhaust**

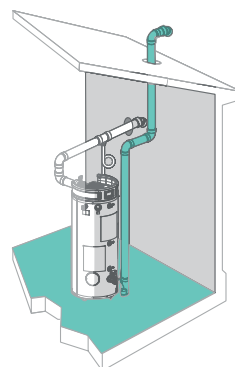
For optimum performance, proper venting is essential.

Here are a few tips for installation:

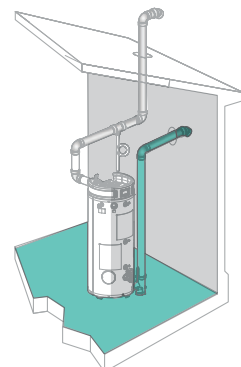
- Calculate total equivalent feet.
 - 90° and 45° elbows reduce the equivalent vent length by the these values



- Ensure that vent runs are sloped (1/4" per foot rise recommended)
- Install condensate drain / loop for air intake
- Rheem recommends long sweep elbows when possible



Direct Vent, Vertical Vent
Horizontal Intake



Direct Vent, Horizontal Vent
Vertical Intake

NOTE:

For Horizontal Power Direct Vent configurations, GHE119SS/SU models will need to have a 45 degree elbow on the intake and a 90 degree elbow on the exhaust.

VENTING (con't)

MINIMUM AND MAXIMUM VENT LENGTHS						
POWER VENT	Max Vent Length (Eq.Ft.) Rigid Pipe Diameter					
	2" (5 CM)		3" (8 CM)		4" (10 CM)	
	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
GHE80SU-130(A) GHE80SU-160(A)	1 (0.31 m)	20 (6.1 m)	1 (0.31 m)	135 (41.1 m)	1 (0.31 m)	185 (56.4 m)
GHE80SU-200(A) GHE80SU-300(A)	N/A	N/A				
GHE100SU-130(A) GHE100SU-160(A)	1 (0.31 m)	20 (6.1 m)				
GH100SU-200(A) GHE100SU-250(A) GHE100SU-300(A)	N/A	N/A				
GHE100SU-350(A) GHE100SU-400(A) GHE119SU-500(A)						
			60 (18.3 m)	150 (46.7 m)		
Min Vent Length (Eq.Ft.) Rigid Pipe Diameter						
All applicable models	1 (0.31 m)	15 (4.6 m)	1 (0.31 m)	15 (4.6 m)	1 (0.31 m)	15 (4.6 m)

All venting lengths shown are for up to 8000 ft altitude. See the Use and Care Manual for models with altitudes above, and/or inlet/outlet specs for models with 6" vent lengths.

MINIMUM AND MAXIMUM VENT LENGTHS								
POWER VENT	Max Vent Length (Eq.Ft.) Rigid Pipe Diameter							
	2" (5 CM)		3" (8 CM)		4" (10 CM)			
	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet		
GHE80SU-130(A) GHE80SU-160(A)	20 (6.1 m)	20 (6.1 m)	60 (18.3 m)	75 (22.9 m)	120 (36.6 m)	135 (41.1 m)		
GHE80SU-200(A) GHE80SU-300(A)	N/A	N/A						
GHE100SU-130(A) GHE100SU-160(A)	20 (6.1 m)	20 (6.1 m)						
GHE100SU-200(A) GHE100SU-250(A) GHE100SU-300(A)	N/A	N/A	65 (19.8 m)	65 (19.8 m)	70 (21.4 m)	85 (25.9 m)		
GHE100SU-350(A) GHE100SU-400(A) GHE119SU-500(A)			50 (15.2 m)					
			60 (18.3 m)				120 (36.6 m)	130 (39.6 m)
			60 (18.3 m)				120 (36.6 m)	130 (39.6 m)
Min Vent Length (Eq.Ft.) Rigid Pipe Diameter								
All applicable models	5 (1.5 m)	15 (15.2 m)	5 (1.5 m)	15 (15.2 m)	5 (1.5 m)	15 (15.2 m)		

All venting lengths shown are for up to 2000 ft altitude. See the Use and Care Manual for models with altitudes above, and/or inlet/outlet specs for models with 6" vent lengths.



INSTALLER TIPS

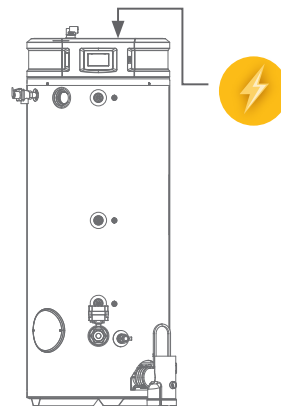
- Remember that the condensate trap is part of the exhaust tee and does not require additional plumbing
- Recommended minimum 3" vertical drop for every 4 ft. of horizontal run
- Plumb the condensate line for the proper size and run to avoid air bubbles, which can prevent drainage

ELECTRIC CONNECTION

Step 4, Connect the Electrical

To ensure proper ignition:

- Ensure all electrical connections are secure
- Use correct polarity
- Connect to a 120VAC – 50/60 Hz power supply
- Ensure water heater is properly grounded back to the main breaker box with minimum 12 gauge
- Ensure breaker is sized properly for 7 AMP service per water heater



INSTALLER TIPS

- Connect the yellow wires from the water heater to the exhaust pressure switch
- Connect the white wires from the heater to the flue temperature sensor

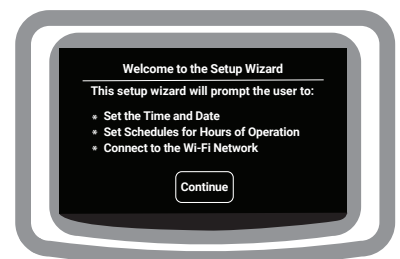
FINAL STEPS

Step 5, Complete the Setup

Once power is applied to the water heater and the 'On' button is pressed, the LCD will automatically begin the **Startup Wizard**:

- Set the Time and Date
- Schedule Hours of Operation for the business – Enables Triton to save energy and money when the business is not operating
- Connect to WiFi – Enables users to receive leak and diagnostic alerts, usage reports and more

Follow the **on-screen instructions** to complete setup.



CUSTOMER SERVICE

Have Questions,
Need Help Troubleshooting?

Get the unit's Model and Serial Numbers ready and contact us:

US 1.800.432.8373 / **Canada** 1.800.268.6966

Be sure to have your **Model and Serial Numbers** before calling customer service (located on the water heater's Rating Label)