14 Checklist After Installation

After installing the Water Heater, review the following checklist. You should be able to answer "Yes" to all of the items in the checklist. If you answer NO to any item, installation is not complete. Review the appropriate sections to complete the installation.
If you have additional questions or need assistance with installation, contact Noritz America at 1-866-766-7489.

Choosing an Installation Location *(See page 11 - 13)*	**Yes**	**No**
Make sure that the Water Heater is not installed in the following places. • Places where gasoline, benzene and adhesives are handled • Places in which corrosive gases (ammonia, chlorine, sulfur, ethylene compounds, acids) are present in the air • Places dust or debris will accumulate		
Installation Clearances *(See page 13 - 14)*	**Yes**	**No**
Make sure that the Water Heater meets the required clearances.		
Installation of the Water Heater *(See page 15 - 16)*	**Yes**	**No**
Make sure that the condensate container is filled with water.		
Venting the Water Heater *(See page 17 - 36)*	**Yes**	**No**
Make sure that required combustion air is supplied to the Water Heater.		
Make sure using vent materials approved for use with category IV appliances.		
Make sure that there is no leakage or loose connection in the venting system.		
Make sure that the vent length is within the requirement.		
Make sure that bird screen(s) is installed on the vent termination.		
Make sure that the termination meets the clearance requirements.		
When using a horizontal section, make sure that the horizontal vent slope is 1/4 in. upwards for every 12 in. (300 mm) toward the termination.		
Make sure that the intake pipe and exhaust pipe are properly installed.		
Make sure that the vent system comforms with local codes, state codes, or national codes as ANSI/NFPA and CSA.		
Connecting the Gas Supply *(See page 37 - 40)*	**Yes**	**No**
Make sure that the gas type is compatible with the type indicated on the Water Heater's rating plate.		
Clean out any debris from the gas piping before connecting the Water Heater.		
Make sure that the gas piping size is appropriate.		
Make sure that the inlet gas pressure is within the specified range.		
Make sure that there are no leaks from the Water Heater and its gas connection.		
Connecting the Water Supply *(See page 41 - 44)*	**Yes**	**No**
Clean out metal powder, sand and dirt from the water piping before connecting the Water Heater.		
Make sure to check and test the water quality to see if water treatment is necessary.		
Make sure that the water supply pressure is 15 to 150 psi (103.4 to 1034 kPa).		
Make sure that there is no water leakage from the cold water supply pipe and the hot water supply pipe.		
Make sure that the pressure relief valve is installed.		

Make sure that the cold water supply line and the hot water supply line are properly connected to the Water Heater.		
Make sure that appropriate heat insulation measures are taken according to regional climate. (e.g. wrapping with heat insulation materials, using electric heaters)		
Connecting the Condensate Drain *(See page 45 - 46)*	**Yes**	**No**
Make sure that the condensate drain piping is connected.		
Make sure that corrosion resistant material is used for the condensate drain piping.		
Make sure that the size of the condensate drain piping is 1/2 in or larger.		
Make sure that the condensate drain piping slopes towards the inside floor drain or condensate pump.		
Make sure that the end of the condensate drain pipe is open to the atmosphere.		
Make sure that the condensate has been treated before disposal as necessary. (when required by local code or when the condensate could cause damage)		
Make sure that measures are taken to prevent the condensate drain lines from freezing. (e.g. insulation material, heat tape or electric heater)		
Connecting Electricity *(See page 47 - 49)*	**Yes**	**No**
Make sure that the electrical supply is 120 VAC at 60 Hz.		
Make sure the grounding resistance is less than 100 Ω.		
Make sure the Remote Controller Cord is correctly installed.		
[For installation with a recirculation pump] Make sure that it is installed by the following method. • When using a pump (100 W or less), connect the pump power cord to the pump control wires. • When using a large pump (greater than 100 W), a relay circuit is constructed.		
Installation of the Remote Controller *(See page 50 - 55)*	**Yes**	**No**
Make sure that the location of the Remote Controller is appropriate.		
Check the Remote Controller operation accordance with the Owner's Guide.		
Make sure that the display appears on the Remote Controller.		
Setting the DIP Switches *(See page 56)*	**Yes**	**No**
Make sure that all DIP switches are set correctly.		
Trial Operation *(See page 57 - 58)*	**Yes**	**No**
Open a hot water fixture, make sure the BURNER ON indicator or the Flame indicator is displayed on the Remote Controller and hot water is present at the fixture.		
Clean the filter in the cold water inlet after the trial operation.		
If the Water Heater will not be used immediately, do the following. • Close all gas and water shutoff valves. • Drain all the water in the Water Heater and the plumbing system. • Disconnect the electrical power to the Water Heater.		
Explain the “Important Safety Information”, “Operation Procedures” and “Follow-up Service” according to the Owner's Guide to the customer.		
Quick Connect Multi-System Installation *(See page 63)*	**Yes**	**No**
Make sure that only one Remote Controller is installed.		