



ASME Models  
Available



## Available in 100 Gallon Model

Rheem-Ruud commercial storage tanks are vertical tanks designed for applications that require large quantities of hot water in short periods of time. When used in tandem with Rheem-Ruud commercial water heating equipment, these storage tanks provide the flexibility needed for many Commercial applications. Installed individually, or in parallel manifold, these storage tanks can provide 80% draw capability without an appreciable temperature decrease in single temperature applications.

## Construction Features:

- **Long life tank design** – proprietary steel formulation with two coats of high temperature porcelain enamel to maximize corrosion resistance resulting in a superior tank design.
- **Space saving “stubby” design** – unlike other storage tanks, the ST100 can pass through a 33" opening – ideal for boiler room doors.
- **Designed for use with top mount boilers** – shortest height and two side mounted outlets increase installation flexibility and decrease floor space requirements of many boiler /storage applications.
- **Triple anode protection** – side mounted for easy access.
- **Efficient design** – 2" of rigid polyurethane foam insulation provides superior insulating qualities resulting in reduced operating costs. Our patented process of injecting foam into the insulating cavity adds additional durability and toughness to the powder coated steel outer jacket.
- **Tank openings** – circulating line connections and hot outlet are 2" NPT. Other openings are provided for relief valve, drain valve and temperature control.

## Certifications and Ratings:

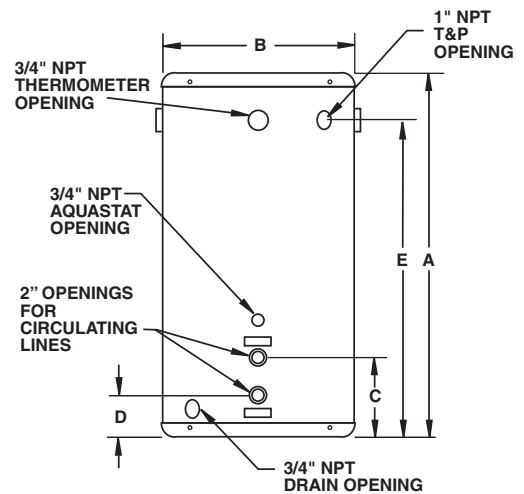
- **Efficiency** – these models meet or exceed thermal efficiency and standby loss requirements of current ASHRAE standards. (Part of the Federally mandated Energy Policy Act (EPact)).
- **Optional construction** – ASME construction is available on all storage tank models.
- **T&P valve** – must be ordered separately based on water heater BTU input.

DIMENSIONAL INFORMATION									
MODEL NUMBER	UNITS	A	B	C	D	E	WATER CONNECTIONS SIDES	APPROXIMATE SHIPPING WEIGHT	
								STD.	ASME
ST100(A)	inches	46	32-1/4	12-9/16	5-9/16	39-15/16	2	475 lbs.	475 lbs.

(A) Indicates available ASME model.

APPROXIMATE WIDTH REQUIRED FOR MANIFOLDED STORAGE TANKS		
MANIFOLD TYPE	UNITS	ST100(A)
Duplex	inches	66
Triplex	inches	102
Quadruplex	inches	137

TANK INFORMATION				
MODEL NUMBER	TANK CAPACITY		MAXIMUM WORKING PRESSURE	
	GALLONS	LITERS	STD.	ASME
ST100(A)	100	378	150 PSI	160 PSI



**Recommended Specifications:**

Storage Tank(s) shall be model \_\_\_\_\_, manufactured by RHEEM-RUUD. Storage Tank(s) shall have a storage capacity of \_\_\_\_\_ gallons. Tank(s) interior shall be double coated with a high temperature porcelain enamel and furnished with three magnesium anode rods side mounted. Tank(s) shall have a working pressure rating of \_\_\_\_\_ psi, and shall be completely assembled. Tank(s) shall be insulated with 2" of rigid polyurethane foam insulation. Storage Tank(s) shall be covered by a five year limited warranty against tank leaks.

**ADD FOR ASME CONSTRUCTION**

Storage Tank(s) shall be constructed in accordance with the requirements of the ASME Boiler Pressure Vessel Code, Section IV Part HLW.

**Limited Warranty**

This product features a five year limited warranty against tank leaks. Please refer to Commercial Warranty Information brochure for complete warranty information.



*In keeping with its policy of continuous progress and product improvement, Rheem-Ruud reserves the right to make changes without notice.*

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