



Available in 115 and 175 U.S. Gallon/435 and 662 Litre Models

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. Two heavy duty magnesium anode rods are installed for longer tank life.
- **Space saving design** – unlike other storage tanks, the ST120 can pass through a 30" opening and the ST175 only requires a 33" opening – ideal for boiler room doors.
- **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 baked enamel steel outer jacket.
- **Tank openings** – circulating line connections and hot outlet are 2" NPT on the ST120 and 2-1/2" NPT on the ST175. Other openings are provided for relief valve and temperature control.
ST175A equipped with a hand-hole cleanout.
- **Factory manifold kits** – factory kits are available for the ST120 model. Copper sweat fittings and tubing are precut and packaged at the factory. Each component is identified for ease of assembly and installation. This method will assure that multiple tanks (2, 3 or 4) will perform as a single unit and give the advantage of extreme flexibility.

Certifications and Ratings:

- **Efficiency** – these models comply with ASHRAE 90.1b-1992 (Part of the Federally mandated Energy Policy Act (EPact)).

DIMENSIONAL INFORMATION (All dimensions shown in English and Metric)									
MODEL NUMBER	UNITS	A	B	C	D	WATER CONNECTIONS		APPROXIMATE SHIPPING WEIGHT	
						TOP OUTLET	FRONT SIDE	STD.	ASME
ST120(A)	inches	59-1/4	28-1/4	11-1/16	4-1/16	2	2	300 lbs.	340 lbs.
	mm	1505	718	281	103	51	51	136 kgs.	154 kgs.
ST175(A)	inches	67-1/4	32-1/4	12-9/16	5-9/16	2-1/2	2-1/2	600 lbs.	600 lbs.
	mm	1708	819	319	141	64	64	272 kgs.	272 kgs.

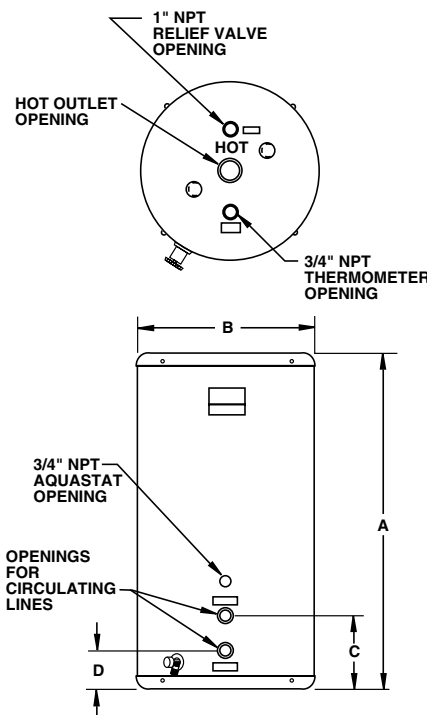
NOTE: 1" NPT drain opening on ST175(A). Handhole cleanout on ST175(A) only.

APPROXIMATE WIDTH REQUIRED FOR MANIFOLDED STORAGE TANKS (Shown in English and Metric)

MANIFOLD TYPE	UNITS	ST120(A) WITH FACTORY MANIFOLD KITS	ST175(A)
Duplex	inches	58	66
	mm	1473	1676
Triplex	inches	87	102
	mm	2210	2591
Quadruplex	inches	116	137
	mm	2946	3480

TANK INFORMATION (Shown in English and Metric)

MODEL NUMBER	TANK CAPACITY		MAXIMUM WORKING PRESSURE	
	GALLONS	LITERS	STD.	ASME
	ST120(A)	115	435	150 PSI 1034 kPa
ST175(A)	175	662	150 PSI	150 PSI
			1034 kPa	1034 kPa



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 two magnesium anode rods rigidly supported. Storage Tank(s) shall exceed the efficiency requirement of ASHRAE Standard 90.1b-2001. 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.