Large Volume Storage Tanks

Large volume vertical storage tanks are designed for applications that require large quantities of potable hot water in short periods of time

Features & Benefits

When used in tandem with Ruud commercial water heating equipment, these storage tanks provide the flexibility needed for many commercial applications. Installed individually, or manifolded, these storage tanks can provide 80% draw capability without an appreciable temperature decrease in single temperature applications.

Long Life Tank Design

Unique steel formulation with high temperature porcelain enamel maximizes corrosion resistance and results in a superior tank design. Heavy duty magnesium anode rod(s) are installed for longer tank life.

Efficient design

Rigid 2" polyurethane foam insulation provides superior insulating qualities and results in reduced operating costs.

Tank Openings

Circulating line/cold inlet connections are 3" NPT (2-1/2" on 200 gallon) and hot outlet is 2".

ASME

All large volume commercial storage tanks are certified to ASME boiler and pressure vessel code standards.

Warranty

5-Year limited tank warranty against tank leaks.

See Commercial Warranty Certificate for complete information

Efficiency | Jacketed models meet or exceed thermal efficiency and standby loss requirements of current ASHRAE standards (Part of the Federally mandated Energy Policy Act (EPact).

Ruud
Large Volume
Storage Tanks
200 to 950-Gallon Capacities
Available in Jacketed
and Non-Jacketed Models

ASME

Recommended Specifications (Jacketed Models):

Storage tank(s) shall be Ruud model _____. Storage tank(s) shall have a storage capacity of _____ gallons. Tank(s) interior shall be coated with a high temperature porcelain enamel and furnished with magnesium anode rod(s) rigidly supported. Storage tank(s) shall be constructed in accordance with the requirements of the ASME Boiler and Pressure Vessel Code, stamped and registered with the National Board of Boiler and Pressure Vessel Inspectors. Tank(s) shall have a working pressure rating of _____ psi. Tank(s) shall be insulated with a minimum of 2" of rigid polyurethane foam insulation. Storage tank(s) shall be covered by a five year limited warranty against tank leaks.

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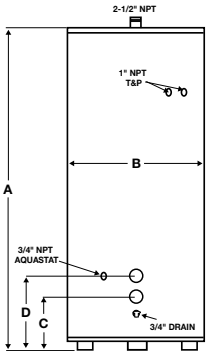
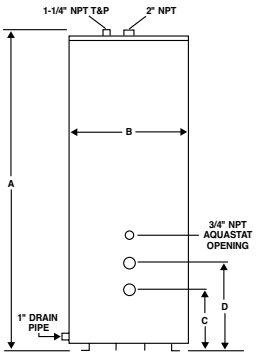
Large Volume Storage Tanks

DIMENSIONAL INFORMATION FOR VERTICAL ROUND JACKETED STORAGE TANKS (All dimensions shown in English and Metric)

MODEL NUMBER	UNITS	A	B	C	D	WATER CONNECTIONS TOP OUTLET	WATER CONNECTIONS FRONT SIDE	APPROX. SHIPPING WEIGHT
ST200A	inches	79-1/2	34	13-3/16	18-3/16	2-1/2	2-1/2	872 lbs.
	mm	*2019*	*864*	*335*	*462*	*64*	*64*	*395 kgs.*
ST260A	inches	95-1/2	34	18	26	2	3	1108 lbs.
	mm	*2426*	*864*	*457*	*660*	*51*	*76*	*503 kgs.*
ST320A	inches	84-1/2	40	19-3/4	27-1/4	2	3	1290 lbs.
	mm	*2146*	*1016*	*502*	*692*	*51*	*76*	*586 kgs.*
ST430A	inches	84-1/2	46	21	29	2	3	1626 lbs.
	mm	*2146*	*1168*	*533*	*737*	*51*	*76*	*738 kgs.*
ST500A	inches	94-1/2	46	21	29	2	3	1765 lbs.
	mm	*2400*	*1168*	*533*	*737*	*51*	*76*	*801 kgs.*
ST750A	inches	107-1/2	54	22-7/8	30-7/8	2	3	2330 lbs.
	mm	*2731*	*1372*	*581*	*784*	*51*	*76*	*1058 kgs.*
ST950A	inches	131-1/2	54	22-7/8	30-7/8	2	3	3010 lbs.
	mm	*3340*	*1372*	*581*	*784*	*51*	*76*	*1367 kgs.*



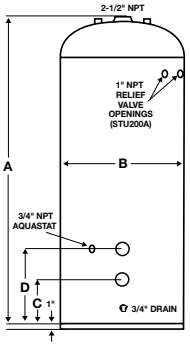
For model ST200A only.



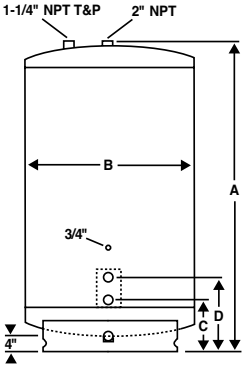
For ST260A, ST320A, ST430A, ST500A, ST750A and ST950A models.

DIMENSIONAL INFORMATION FOR VERTICAL BARE (NON-JACKETED) STORAGE TANKS (All dimensions shown in English and Metric)

MODEL NUMBER	UNITS	A	B	C	D	WATER CONNECTIONS TOP OUTLET	WATER CONNECTIONS FRONT SIDE	APPROX. SHIPPING WEIGHT
STU200A	inches	75-3/4	30	10-15/16	18-7/16	2-1/2	2-1/2	488 lbs.
	mm	*1924*	*762*	*278*	*469*	*64*	*64*	*222 kgs.*
STU260A	inches	88	30	15-3/4	23-3/4	2	3	464 lbs.
	mm	*2235*	*762*	*400*	*603*	*51*	*76*	*211 kgs.*
STU320A	inches	76	36	17-3/8	25-3/8	2	3	574 lbs.
	mm	*1930*	*914*	*441*	*645*	*51*	*76*	*261 kgs.*
STU430A	inches	76	42	18-7/8	26-7/8	2	3	816 lbs.
	mm	*1930*	*1067*	*479*	*683*	*51*	*76*	*370 kgs.*
STU500A	inches	88	42	18-7/8	26-7/8	2	3	925 lbs.
	mm	*2235*	*1067*	*479*	*683*	*51*	*76*	*420 kgs.*
STU750A	inches	100	48	20-7/8	28-7/8	2	3	1387 lbs.
	mm	*2540*	*1219*	*530*	*733*	*51*	*76*	*630 kgs.*
STU950A	inches	124	48	20-7/8	28-7/8	2	3	1651 lbs.
	mm	*3150*	*1219*	*530*	*733*	*51*	*76*	*750 kgs.*



For model STU200A only.



For STU260A, STU320A, STU430A, STU500A, STU750A and STU950A models.

TANK INFORMATION (Shown in English and Metric)

MODEL NUMBER	TANK CAPACITY GALLONS	TANK CAPACITY LITERS	MAXIMUM WORKING PRESSURE ASME
ST(U)200A	200	*758*	150 PSI
			1034 kPa
ST(U)260A	257	*974*	125 PSI
			862 kPa
ST(U)320A	318	*1205*	125 PSI
			862 kPa
ST(U)430A	432	*1637*	125 PSI
			862 kPa
ST(U)500A	504	*1910*	125 PSI
			862 kPa
ST(U)750A	752	*2850*	125 PSI
			862 kPa
ST(U)950A	940	*3563*	125 PSI
			862 kPa

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

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