

RHEEM-RUUD INDIRECT WATER HEATERS

Indirect Water Heaters

from Rheem-Ruud

The Rheem-Ruud indirect coil tank water heater line offers a cost effective water heating alternative.

These units use indirect water-to-water heat transfer by circulating boiler-fed hot water through a coil inside the water tank.

They're ideal for applications that use boilers for space heating.



Residential water heaters
from Rheem-Ruud



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Built to last –

tank is manufactured from heavy gauge steel. Longer life equals a higher “return on investment”. Outer jacket is made from steel and powder coated for a lasting, durable finish.

High temperature porcelain enamel protects all tank and coil –

and maximizes corrosion resistance.

Factory installed automatic temperature controls –

immersion aquastat on all models.

Factory installed brass drain valve

Sediment reduction inlet –

standard on the STID80 and STID120. Reduces sediment buildup on the tank bottom – increasing operating efficiencies and tank life.

Temperature and pressure relief valve –

CSA/ASME rated and factory installed.

1-1/2" Coil diameter –

larger diameter, results in higher recovery and less pressure drop through the coil – smooth surface on the coil resists lime build-up.

2" Non-CFC foam insulation –

provides superior insulating quality and decreases standby heat loss.

Two heavy-duty magnesium anode rods –

inhibit corrosion and maximize tank life.

Factory installed dielectric nipples –

provide greater insulating protection against electrolysis.



*Available in 30, 38, 45,
75 and 110 Gallon Models*

Tested in accordance with



*Indirect-Fired
Water Heating Standard
IWH-TS-1
– March 2003.*

DIMENSIONAL INFORMATION

MODEL NUMBER	UNITS	A	B	C	D	E	F	G	H	APPROX. SHIPPING WEIGHT
STID30	inches	22	35-3/4	27-3/4	18-1/2	11-3/4	6-1/2	4-1/2	N/A	180 lbs
STID40	inches	22	42-3/4	34-3/4	31-1/2	16-3/4	6-1/2	4-1/2	N/A	226 lbs
STID50	inches	22	48-3/4	39-3/4	31-1/2	16-3/4	6-1/2	4-1/2	N/A	231 lbs.
STID80	inches	24	64-1/8	57-1/8	33	19-1/4	8	5	5	297 lbs.
STID120	inches	28	65-1/4	57-3/4	33-3/4	16-1/4	8-3/4	5	6-1/2	397 lbs.

FIRST HOUR RATING (gal) @ Coil Output (Btu/hr)

MODEL NUMBER	TANK CAPACITY (GAL)	FIRST DRAW (GAL)	HEAT SOURCE FRICTION LOSS* (FT. W.C.)	180°F, 8 GPM**	180°F, 10 GPM**	180°F, 12 GPM**	200°F, 8 GPM**	200°F, 10 GPM**	200°F, 12 GPM**
STID30	30	25	2	110 @ 55,000	114 @ 57,000	117 @ 59,000	132 @ 69,000	136 @ 71,000	139 @ 73,000
STID40	38	33	3	153 @ 77,000	165 @ 84,000	177 @ 92,000	183 @ 96,000	195 @ 104,000	207 @ 111,000
STID50	45	40	3	160 @ 77,000	172 @ 84,000	184 @ 92,000	190 @ 96,000	202 @ 104,000	214 @ 111,000
STID80	75	70	5	200 @ 83,000	212 @ 91,000	224 @ 98,000	233 @ 104,000	245 @ 112,000	257 @ 119,000
STID120	110	102	5	232 @ 83,000	244 @ 91,000	256 @ 98,000	265 @ 104,000	277 @ 112,000	289 @ 119,000

All data obtained through testing in accordance with GAMA INDIRECT-FIRED WATER HEATERS TESTING STANDARD IWH-TS-1_MARCH 2003

* At 8 GPM

**Coil Input (temperature, flow rate). Ratings based on 77°F rise with 58°F inlet potable water.

Note: First Hour Rating = First Draw + Continuous Draw

Warning: Installation should be in accordance with all national and/or local codes.

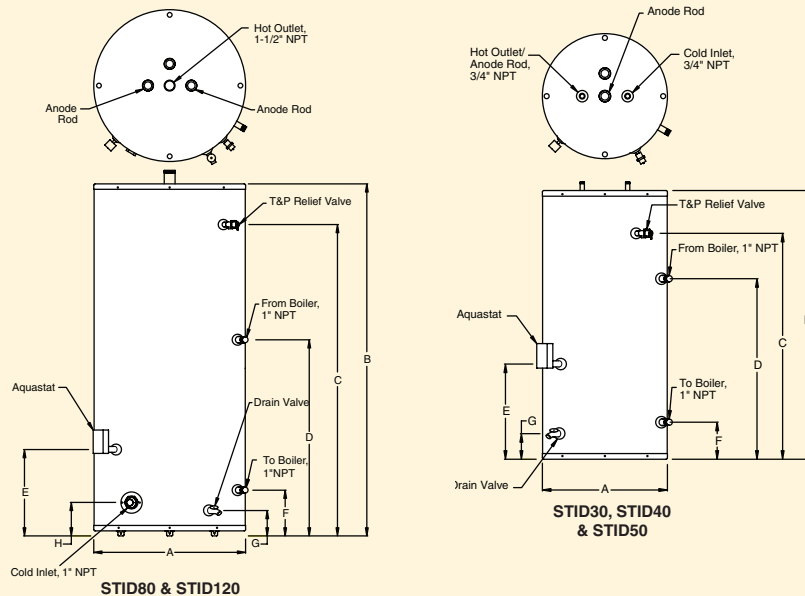
In the absence of local codes, refer to NFPA 54 or ANSI Z.21.10.1.

Caution: The recommended maximum hot water temperature setting for normal residential use is 120°F. Rheem recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer's directions to prevent scalding.

Pressures (all): Test pressure, 300 psi; working pressure, 150 psi

Standard Voltage (all): 120V, 60 Hz, 1P

T&P valve installed



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LIMITED WARRANTY

This product features a six year limited warranty against tank leaks when installed in residential applications and three year limited warranty against tank leaks when installed in non-residential applications. Please refer to the Warranty Information document 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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Not all models are available in Canada.

Rheem manufactures residential & commercial heating, cooling & water heating products.

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