

The new degree of comfort.™

# Indirect coil tank water heaters offer a cost effective water heating alternative and are ideal for applications using boilers for space heating

#### **Features & Benefits**

These units use indirect water-to-water heat transfer by circulating boiler-fed hot water through a coil inside the water tank. The Rheem indirect coil water heaters are available in 30, 38, 45, 75 and 110-gallon models.

#### **Built to Last**

The tank is manufactured from heavy gauge steel. Longer life equals a higher "return on investment". Its outer jacket is made from steel and powder coated for a lasting, durable finish. And its high temperature porcelain enamel protects all tank and coil – and maximizes corrosion resistance.

# Factory Installed Automatic Temperature Controls

All models feature an immersion aquastat.

### Full-port, Full-flow Brass Drain Valve

All models feature a factory-installed brass drain valve for faster draining.

## Temperature and Pressure Relief Valve

CSA/ASME rated and factory installed.

#### 1-1/2" Coil Diameter

Rheem indirect coil water heaters' larger diameter results in higher recovery and less pressure drop through the coil – its 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

Anode design utilizes multiple magnesium rods to ensure corrosion resistance for a long tank life.

# Factory Installed Dielectric Nipples

Provide greater insulating protection against electrolysis.

#### Warranty

3-Year limited tank warranty

See Commercial Warranty Certificate for complete information.



#### **Rheem Indirect**

Coil Tank Water Heater 120V, 60Hz, 1P 30 to 110-Gallon Capacities







DIMENSIONAL INFORMATION											
MODEL NUMBER	UNITS	A	В	С	D	E	F	G	Н	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**	200°F, 14 GPM**	
STID30	30	25	2	115@56,000	117@57,000	118@58,000	138@71,000	144@75,000	149@78,000	154@81,000	
STID40	38	33	3	173@89,000	183@96,000	191@101,000	214@115,000	226@123,000	235@129,000	243@134,000	
STID50	45	40	3	180@89,000	190@96,000	198@101,000	221@115,000	233@123,000	242@129,000	250@134,000	
STID80	75	70	5	233@104,000	245@111,000	254@117,000	277 @ 132,000	292@141,000	304@149,000	314@155,000	
STID120	110	102	5	265@104,000	277@111,000	286@117,000	309@132,000	324@141,000	336@149,000	346@155,000	

All data obtained through testing in accordance with AHRI 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.

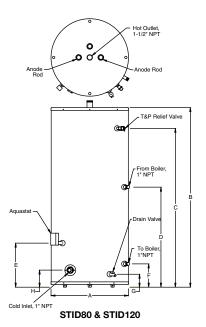
In the absence of local codes, refer to NFPA 54 or ANSI Z.21.10.1.

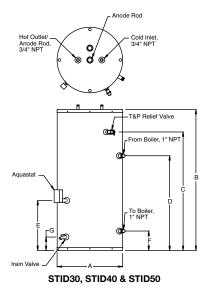
**Caution:** The recommended maximum hot water temperature setting for normal residential use is 120°F. Rheem recommends a tempering valve or anti-scald valve be installed and used according to the manufacturer's directions to prevent scalding.

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

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

T&P valve installed.





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

Rheem Water Heating • 101 Bell Road

INTEGRATED AIR & WATER