

RUUD® UNIVERSAL™



Designed
to Fit into
Tight Retrofit
Applications

35 to 100-Gallon Capacities



Ruud.com/CommercialWaterHeating

RUUD® UNIVERSAL™

SPACE-SAVING DESIGN AND MULTIPLE CONNECTIONS FOR EASIER REPLACEMENT, INSTALLATION, AND MAINTENANCE



The tighter the commercial retrofit, the more you will appreciate how the Universal's compact size and multiple water connections simplify installations.



Easy Replacement and Installation

- Low profile automatic flue damper to help minimize overall height
- Top, front and rear inlet and outlet connections
- Easy side venting when combined with our AGA-certified power vent kits
- Smaller jacket diameters
- Shorter floor-to-vent heights



Easier Maintenance

- Hand-hole cleanout for removal of sediment deposits
- Full port, full flow brass drain valve.
- System Sentinel™ diagnostics allow you to quickly verify system operation sequence by sequence.
- Stainless steel burner assembly that slides out like a drawer for quick inspection



Universal's short height and narrow jacket diameters, plus top, front and rear water inlets/outlets offer the ultimate in installation flexibility.

Conventional water heaters are always wider and usually taller than the Universal. That makes them more difficult to handle, install and service.

RECOVERY CAPACITIES							DIMENSIONAL INFORMATION (shown in inches)								WATER CONNECTIONS			APPROX. SHIP. WT.	
MODEL NUMBER	INPUT (BTU/H) NAT. & LP	ASME CERTIFIED		Temp. Rise - GPH			A	B	C	D	E	F	G	H	TOP IN/OUT	FRONT SIDE	REAR SIDE	STD. (LBS.)	ASME (LBS.)
		THERMAL EFF.	STANDBY LOSS (BTU/H)	40°F	100°F	140°F													
G75-125	125,000	80%	1108.8	303	121	87	65-1/2	61	26-1/4	25	5	56	3/4	20	1-1/2	1-1/2	1-1/2	480	N/A
G82-156	156,000	80%	1190.0	378	151	108	68-13/16	64	26-1/4	25	6	58-5/8	3/4	20	1-1/2	1-1/2	1-1/2	480	N/A
G76-180	180,000	80%	1183.9	436	175	125	68-13/16	64	26-1/4	25	6	58-5/8	3/4	20	1-1/2	1-1/2	1-1/2	540	N/A
G37-200*	199,900	80%	900.0	485	194	138	49-1/4	43-3/8	26-1/4	25	6	37-5/8	3/4	20	1-1/2	1-1/2	1-1/2	405	N/A
G76-200-1	199,900	80%	1208.8	485	194	138	68-13/16	64	26-1/4	25	6	58-5/8	3/4	20	1-1/2	1-1/2	1-1/2	540	N/A
G91-200	199,900	80%	1299.0	485	194	138	76-13/16	71-13/16	26-1/4	30-5/8	6	66-3/8	3/4	20	1-1/2	1-1/2	1-1/2	600	N/A
G100-200(A)	199,900	80%	1349.8	485	194	138	73-1/16	66-1/8	30-1/4	23-1/4	6	57-1/2	3/4	23	1-1/2	2	2	780	835
G72-250(A)	250,000	80%	1245.8	606	242	173	71-1/16	64-1/2	26-1/4	25	6	58-5/8	3/4	20	1-1/2	1-1/2	1-1/2	590	630
G100-250(A)	250,000	80%	1412.5	606	242	173	73-1/4	66-1/8	30-1/4	23-1/4	8	57-1/2	3/4	23	1-1/2	2	2	795	835
G100-270(A)	270,000	80%	1437.5	655	262	187	73-7/8	66-1/8	30-1/4	23-1/4	8	57-1/2	3/4	23	1-1/2	2	2	805	845
G72-300(A)	300,000	80%	1308.0	727	291	208	71	64-1/8	26-1/4	25	8	58-5/8	3/4	20	1-1/2	1-1/2	1-1/2	590	630
G100-310(A)	310,000	80%	1487.5	752	301	215	75	68-1/2	30-1/4	32-1/4	7	61-3/4	3/4	23	1-1/2	2	2	770	810
G65-360(A)	360,000	80%	1003.0	873	349	249	70-11/16	64-1/2	26-1/4	25	8	58-5/8	3/4	N/A	N/A	1-1/2	1-1/2	640	680
G65-400(A)	399,900	80%	1386.0	969	388	277	70-11/16	64-1/2	26-1/4	25	8	58-5/8	3/4	N/A	N/A	1-1/2	1-1/2	640	680
G85-400(A)	399,900	80%	1514.0	969	388	277	78-13/16	72-5/16	26-1/4	20-5/8	10	66-3/8	3/4	20	1-1/2	1-1/2	1-1/2	640	680
G100-400(A)	399,900	80%	1599.0	969	388	277	76	68-1/2	30-1/4	32-1/4	8	61-3/4	1**	23	1-1/2	2	2	770	810

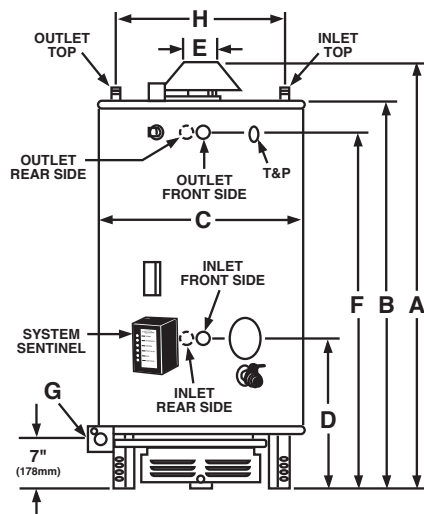
*Automatic circulating tank water heater. Recovery ratings are based on thermal efficiencies obtained in a CSA certified laboratory. **3/4 for LP Models. Increase Height 3-5/8 for NSF Models.
Recovery ratings are based on thermal efficiencies obtained in a CSA certified laboratory. All models require a 120V power source/0.3 amps. (A) indicates available ASME model.

MAXIMUM DELIVERY (in gallons) (Includes useable storage and recovery for indicated times)										
MODEL NUMBER	TANK CAP.	INPUT (BTU/H) NAT. & LP	AT 100°F TEMP RISE							
			10 MIN.	20 MIN.	30 MIN.	45 MIN.	60 MIN.	120 MIN.	180 MIN.	MIN. TO REC. CONTENTS
G75-125	75	125,000	73	93	113	143	174	295	416	37
G82-156	82	156,000	83	108	133	171	209	360	511	33
G76-180	76	180,000	82	111	140	184	228	402	577	26
G37-200*	35	199,900	56	88	119	167	214	403	562	11
G76-200-1	76	199,900	86	118	150	199	247	441	635	24
G91-200	91	199,900	96	128	161	209	258	451	645	28
G100-200(A)	100	199,900	102	135	167	215	264	458	652	31
G72-250(A)	72	250,000	91	131	172	232	293	535	778	18
G100-250(A)	100	250,000	110	151	191	252	312	555	797	25
G100-270(A)	100	270,000	114	157	201	266	332	594	855	23
G72-300(A)	72	300,000	99	147	196	269	341	632	923	15
G100-310(A)	100	310,000	120	170	220	295	371	671	972	20
G65-360(A)	65	360,000	104	162	220	307	395	744	1093	11
G65-400(A)	65	399,900	110	175	239	336	433	821	1209	10
G85-400(A)	85	399,900	124	189	253	350	447	835	1223	13
G100-400(A)	100	399,900	135	199	264	361	458	846	1233	15

*Automatic circulating tank water heater.

CLEARANCE TO COMBUSTIBLES			
MODEL NUMBER	SIDE	REAR	TOP
G75-125	2	2	12
G82-156	2	2	12
G76-180	2	2	12
G37-200*	2	2	12
G76-200-1	2	2	12
G91-200	2	2	12
G100-200(A)	2	4	12
G72-250(A)	6	6	12
G100-250(A)	2	4	12
G100-270(A)	2	4	12
G72-300(A)	6	6	12
G100-310(A)	6	6	12
G65-360(A)	6	6	12
G65-400(A)	6	6	12
G85-400(A)	6	6	12
G100-400(A)	6	6	12

Allow a minimum of 18" front clearance for servicing.



RUUD® UNIVERSAL™



Warranty

3-Year limited tank warranty, upgradeable to 5 years



Certification and Ratings

EFFICIENCY All models tested according to ANSI test procedures, and meet or exceed the thermal efficiency and standby loss requirements of ASHRAE standard (EPact). Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).



Safety and Construction

These products are design certified by the CSA:

- a) For operation at 180°F.
- b) To meet all safety and construction requirements of ANSI Z21.10.3.
- c) As an automatic storage or instantaneous water heater.
- d) As an automatic circulating tank water heater.
- e) For operation on combustible floors and in alcove installations.

All models are North Carolina Code compliant.



Certified for a 150 PSI Maximum Working Pressure (160 PSI for ASME Models)



Optional Constructions

ASME construction is available on designated models. UL Sanitation (NSF5) compliant models are available when equipped with optional leg kit. (Part No. AM35450)



Contact Us

Customer Service, Warranty, Parts

800.621.5622

Plumbing Support Team

866.339.2388

Technical Service

800.HEATER3 (800.432.8373)

Visit us online at

Ruud.com/CommercialWaterHeating

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

Ruud Water Heating
1115 Northmeadow Parkway, Suite 100
Roswell, Georgia 30076

