

CONDENSING TANKLESS WATER HEATERS MODEL CHART AND SPECIFICATIONS.

	Ultra Series											
	RUR Models		RUC Models			RU Models			RUCS / RUS Models			
												
Model	RUR98i	RUR98e	RUC98i	RUC90i	RUC80i	RU98e	RU90e	RU80e	RUCS75i	RUS75e	RUCS65i	RUS65e
Dimensions - w, h, d Inches (mm)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)	18.5 X 26 X 10 (469.9 X 660.4 X 254)
Weight (lbs / kg)	72.8 / 33	72.8 / 33	61.7 / 28.0	61.7 / 28.0	61.7 / 28.0	61.7 / 28.0	61.7 / 28.0	61.7 / 28.0	57.3 / 26	57.3 / 26	57.3 / 26	57.3 / 26
Installation Type	Indoor	Outdoor	Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
Min./Max. BTU (natural gas)	15,200/199,000	15,200/199,000	15,200/199,000	15,200/180,000	15,200/152,000	15,200/199,000	15,200/180,000	15,200/152,000	10,300/160,000	10,300/160,000	10,300/130,000	10,300/130,000
Min./Max. BTU (propane)	15,200/199,000	15,200/199,000	15,200/199,000	15,200/180,000	15,200/152,000	15,200/199,000	15,200/180,000	15,200/152,000	10,300/160,000	10,300/160,000	10,300/130,000	10,300/130,000
Energy Factor	0.95	0.95	0.95	0.96	0.96	0.95	0.96	0.96	0.93	0.93	0.93	0.93
Temp. Range Residential	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	120°–140° F / 49°–60° C	120°–140° F / 49°–60° C	120°–140° F / 49°–60° C	120°–140° F / 49°–60° C
Temp. Range Commercial	98°–140° F / 37°–60° C	98°–140° F / 37°–60° C	98°–185° F / 37°–85° C**	98°–185° F / 37°–85° C**	98°–185° F / 37°–85° C**	98°–185° F / 37°–85° C**	98°–185° F / 37°–85° C**	98°–185° F / 37°–85° C**	Residential Only	Residential Only	Residential Only	Residential Only
Min. Activation Rate	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)
Flow Rate (70° / 50° Temp. Rise)	5.5 / 7.7 (20.8 / 29.2)	5.5 / 7.7 (20.8 / 29.2)	5.5 / 7.7 (20.8 / 29.2)	5.0 / 7.0 (18.9 / 26.5)	4.2 / 5.9 (15.9 / 22.3)	5.5 / 7.7 (20.8 / 29.2)	5.0 / 7.0 (18.9 / 26.5)	4.2 / 5.9 (15.9 / 22.3)	4.2 / 5.9 (15.9 / 22.3)	4.2 / 5.9 (15.9 / 22.3)	3.4 / 4.8 (12.9 / 18.1)	3.4 / 4.8 (12.9 / 18.1)
Hot Water Flow Rate Range	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.0 gpm (0.98–34.1 lpm)	0.26–8.0 gpm (0.98–30.3 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.0 gpm (0.98–34.1 lpm)	0.26–8.0 gpm (0.98–30.3 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–6.5 gpm (0.98–24.6 lpm)	0.26–6.5 gpm (0.98–24.6 lpm)
Controller (standard)	MC-195T-US	MC-195T-US	Integrated	Integrated	Integrated	MC-91-2US	MC-91-2US	MC-91-2US	Status Monitor	Status Monitor	Status Monitor	Status Monitor
Controllers (optional)	MC-91-2US	MC-91-2US	MC-195T-US, MC-100V-1US, BC-100V-1US, MCC-91-2US	MC-195T-US, MC-100V-1US, BC-100V-1US, MCC-91-2US	MC-195T-US, MC-100V-1US, BC-100V-1US, MCC-91-2US	MC-195T-US, MC-100V-1US, BC-100V-1US, MCC-91-2US	MC-195T-US, MC-100V-1US, BC-100V-1US, MCC-91-2US	MC-195T-US, MC-100V-1US, BC-100V-1US, MCC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US
Ultra Low NOx	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Warranty (Residential)*	Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor (5-year optional on labor)					Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor (5-year optional on labor)			Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor			
Warranty (Commercial)*	Limited 5-year on heat exchanger, 5-year on parts, 1-year on labor (2-year optional on labor)					Limited 5-year on heat exchanger, 5-year on parts, 1-year on labor (2-year optional on labor)			Residential Only	Residential Only	Residential Only	Residential Only
Mobile Home Certified	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Valves Shipped in Box	yes	yes	yes	yes	yes	yes	yes	yes	no	no	no	no
High Altitude Approved	Up to 10,200 ft. (3,109 m)		Up to 10,200 ft. (3,109 m)			Up to 10,200 ft. (3,109 m)			Up to 5,400 ft. (1,646 m)			
Certifications	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA, ENERGY STAR®	AHRI, CSA ENERGY STAR®	AHRI, CSA ENERGY STAR®	AHRI, CSA ENERGY STAR®	AHRI, CSA, ENERGY STAR®
Venting Options	Concentric or PVC / CPVC	N/A	Concentric or PVC / CPVC	Concentric or PVC / CPVC	Concentric or PVC / CPVC	N/A	N/A	N/A	Concentric or PVC / CPVC	N/A	Concentric or PVC / CPVC	N/A
Tankless Rack System (TRS/ TRW) Compatible	no	no	yes	no	no	yes	no	no	no	no	no	no
½" Gas Line Compatible***	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Wi-Fi Ready§	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

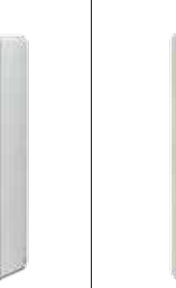
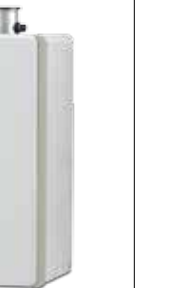
* For complete information and details regarding Rinnai’s warranty, visit rinnai.us.

** To achieve temperatures over 140° F (60° C), an MCC-91 commercial controller must be purchased separately.

*** For complete information on gas sizing for Rinnai Tankless Water Heaters, consult the Operation and Installation Manual.

§ Available Summer 2016.

NON-CONDENSING & RH180 HYBRID TANK - TANKLESS WATER HEATERS MODEL CHART AND SPECIFICATIONS.

	Luxury Series Non-Condensing Tankless Water Heaters					Value Series Non-Condensing Tankless Water Heaters									Residential Hybrid System
															
Model	RL94i	RLX94i	RL94e	RL75i	RL75e	V94i	V94e	V94Xi	V75i	V75e	V65i	V65e	V53e	RH180	
Dimensions - w, h, d Inches (mm)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 23 x 9 (355.6 x 584.2 x 228.6)	14 x 21 x 7 (355.6 x 533.4 x 177.8)	20 x 51.2 x 27.5 (508 x 1,300.5 x 698.5)	
Weight (lbs / kg)	46.3 / 21.0	46.3 / 21.0	44.3 / 20.1	45.6 / 20.7	43.6 / 19.8	46.3 / 21.0	44.3 / 20.1	46.3 / 21.0	45.6 / 20.7	43.6 / 19.8	45.6 / 20.7	43.6 / 19.8	34 / 15.4	168.5 / 68	
Installation Type	Indoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Indoor	Outdoor	Indoor	Outdoor	Outdoor	Indoor	
Min./Max. BTU (natural gas)	10,300/199,000	10,300/192,000	10,300/199,000	10,300/180,000	10,300/180,000	10,300/199,000	10,300/199,000	10,300/192,000	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	19,000/120,000	59,500/91,300	
Min./Max. BTU (propane)	10,300/199,000	N/A	10,300/199,000	10,300/180,000	10,300/180,000	10,300/199,000	10,300/199,000	N/A	10,300/180,000	10,300/180,000	10,300/150,000	10,300/150,000	20,200/120,000	47,600/87,300	
Energy Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	80% Thermal Efficiency	
Temp. Range Residential	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	98°–140° F (37°–60° C)	120°–140° F (49°–60° C)	110°–140° F (43°–60° C)	
Temp. Range Commercial	98°–185° F (37°–85° C)**	98°–185° F (37°–85° C)**	98°–185° F (37°–85° C)**	98°–160° F (37°–71° C)**	98°–160° F (37°–71° C)**	Residential Only			Residential Only					Residential Only	
Min. Activation Rate	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.4 gpm (1.5 lpm)	0.6 gpm (2.3 lpm)	N/A	
Flow Rate (70° / 50° Temp. Rise)	4.7 / 6.6 (17.8 / 29.2)	4.5 / 6.4 (17.03 / 24.2)	4.7 / 6.6 (17.8 / 29.2)	4.3 / 6.0 (16.3 / 22.7)	4.3 / 6.0 (16.3 / 22.7)	4.7 / 6.6 (17.8 / 25.0)	4.7 / 6.6 (17.8 / 25.0)	4.5 / 6.4 (17.03 / 24.2)	4.3 / 6.0 gpm (16.3 / 22.7 lpm)	4.3 / 6.0 gpm (16.3 / 22.7 lpm)	3.6 / 5.0 gpm (13.6 / 18.9 lpm)	3.6 / 5.0 gpm (13.6 / 18.9 lpm)	2.8 / 4.0 gpm (10.6 / 15.1 lpm)	N/A	
Hot Water Flow Rate Range	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–9.8 gpm (0.98–37.1 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–7.5 gpm (0.98–28.4 lpm)	0.26–6.5 gpm (0.98–24.6 lpm)	0.26–6.5 gpm (0.98–24.6 lpm)	0.60–5.3 gpm (0.98–20.1 lpm)	First Hour Rating: 180 gph‡	
Controller (standard)	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	MC-91-2US	Status Monitor	Integrated	
Controllers (optional)	MC-100-1, BC-100V-1, MC-195T-US, MCC-91-2					MC-100-1, BC-100V-1		MC-100-1, BC-100V-1						MC-91-2US	N/A
Ultra Low NOx	no	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	no	no	
Warranty (Residential)*	Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor (5-year optional on labor)					Limited 10-year on heat exchanger, 5-year on parts, 1-year on labor		Limited 10-year on heat exchanger, 5-year on parts, 1-year on labor						HEX 10 yrs; tank 6 yrs; parts 3 yrs; labor 1 yr	
Warranty (Commercial)*	Limited 5-year on heat exchanger, 5-year on parts, 1-year on labor (2-year optional on labor)					Residential Only		Residential Only						Residential Only	
Mobile Home Certified	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	
Valves Shipped in Box	yes	yes	yes	yes	yes	no	no	no	no	no	no	no	no	no	
High Altitude Approved	Up to 10,200 ft. (3,109 m)					Up to 10,200 ft. (3,109 m)		Up to 10,200 ft. (3,109 m)						Up to 5,400 ft. (1,646 m)	
Certifications	AHRI and CSA					AHRI and CSA		AHRI and CSA							
Venting Options	Concentric	Concentric	N/A	Concentric	N/A	Concentric	N/A	Concentric	Concentric	N/A	Concentric	N/A	N/A	4" UL Listed B-Vent	
TRS Compatible	no	no	no	no	no	no	no	no	no	no	no	no	no	no	
½" Gas Line Compatible***	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
Wi-Fi Ready‡	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	

* For complete information and details regarding Rinnai’s warranty, visit rinnai.us.
** To achieve temperatures over 140° F (60° C), an MCC-91 commercial controller must be purchased separately.

*** For complete information on gas sizing for Rinnai Tankless Water Heaters, please consult the Operation and Installation Manual.
‡ Based on DOE first hour test (IOCFR, Part 430).
§ Available Summer 2016.

