Rinnai RL75i (VC2528FFUD-US)

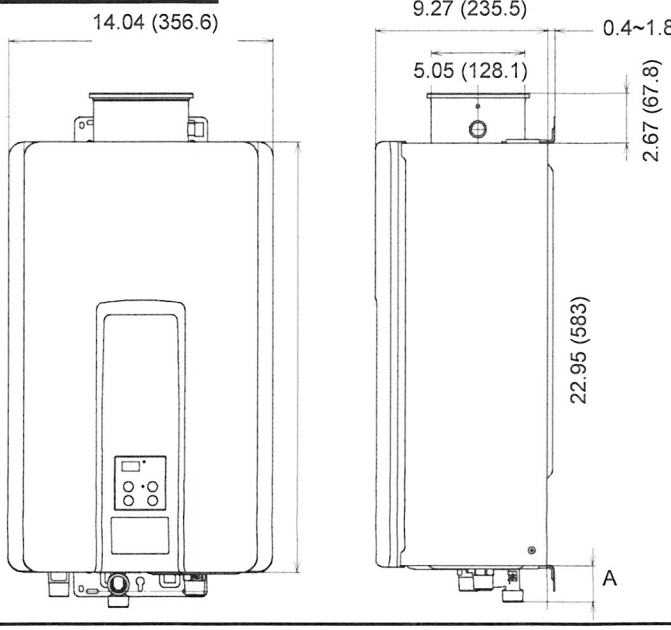
External Recirculation Pump Control	Rinnai Circ-Logic™: Recirculation program cycles external pump
Water Temperature Control	Simulation feed forward and feedback
Controller	MC-91-2US (part of the front panel) Deluxe controller: MC-100V-1US (optional) Bathroom controller: BC-100V-1US (optional) MCC-91-2US (optional; for hydronic and commercial applications) MC-195T-US (optional; for use with Circ-Logic)
Controller Cable	Non-polarized two-core cable, minimum 22 AWG
Safety Devices	• Flame failure - Flame Rod • Boiling protection • Combustion fan rpm check • Over current - glass fuse • Remaining flame (OHS) • Thermal fuse • Automatic frost protection
Clearances from Combustibles (suitable for closet, attic, and crawl space installations)	• Top of heater - 6 inches(152mm) • Front of heater - 6 inches(152mm)* • Sides of heater - 2 inches(51mm) • Back of heater - 0 inches • Ground / bottom - 12 inches(305mm) • From vent pipe - 0 inches
Clearances from Non-combustibles	• Top of heater - 2 inches(51mm) • Front of heater - 6 inches(152mm)* Sides of heater - 1/2 inch(13mm) • Back of heater - 0 inches • Ground / bottom - 12 inches(305mm) • From vent pipe - 0 inches
Min. / Max. Gas Supply Pressure (sea level)	Natural Gas: min 4" W.C. (10mbar) max 10.5" W.C. (26.1mbar) Propane Gas: min 8" W.C. (20mbar) max 13.5" W.C. (33.6mbar)
Manifold Gas Pressure (inches W.C.)	Natural Gas: high fire 2.2" W.C. (5.5mbar) low fire 0.61" W.C. (1.5mbar) Propane Gas: high fire 3.8" W.C. (9.5mbar) low fire 0.87" W.C. (2.2mbar)
NOx	Complies with South Coast Air Quality Management District 14 ng/J or 20 ppm NOx emission levels

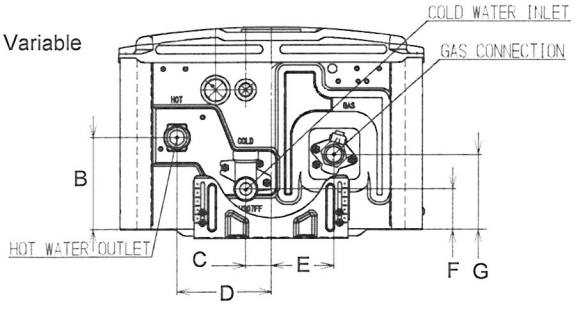
Limited Warranty

Heat exchanger: 12 years* for residential, 10 years for residential and space heating, and 5 years* for commercial; All other parts: 5 years*; Labor: 1 year;
(* 3 years from date of purchase when used as a recirculating water heater within a hot water recirculation loop, where the water heater is in series with a recirculation system and all recirculating water flows through the water heater, and where an aquastat/thermostat, timer, or an on-demand recirculation system is not incorporated.) Refer to the manual for complete warranty information.

DIMENSIONS

WEIGHT: 45.6 lb (20.7 kg)





DIMENSION	Inches (mm)	DIMENSION	Inches (mm)
A (GAS)	1.31 (33.2)	D	4.33 (110)
A (COLD)	1.93 (49)	E	2.89 (73.3)
A (HOT)	1.35 (34.4)	F	1.85 (47)
B	4.21 (106.9)	G	3.44 (87.3)
C	1.17 (29.8)		

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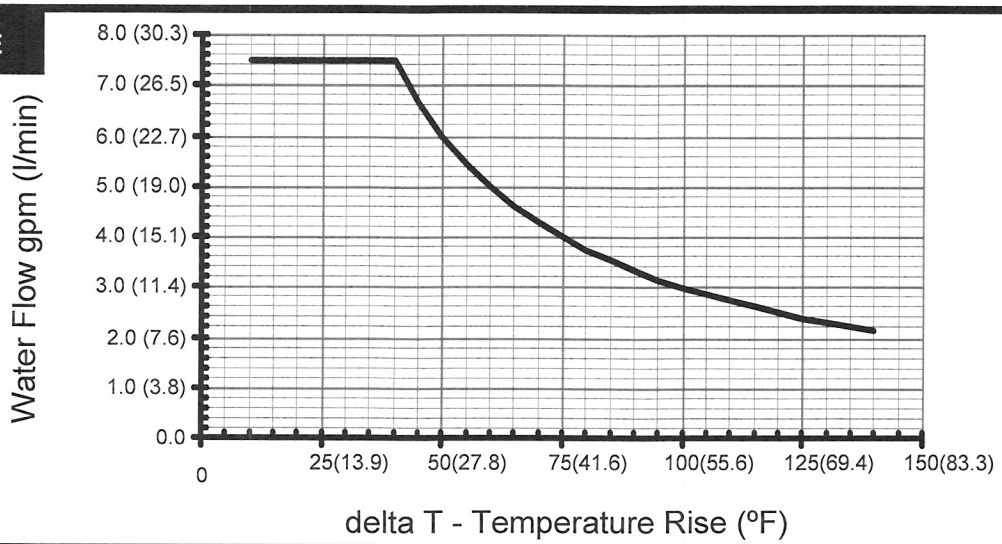
Rinnai RL75i (VC2528FFUD-US)

Type of Appliance	• Temperature controlled, continuous flow, gas hot water system • Certified for installation in manufactured (mobile) homes • Forced combustion / Direct vent
Rinnai Model Number	REU-VC2528FFUD-US
Operation / Installation	Forced combustion; indoor only
Minimum/Maximum Gas Rate (Input)	10,300 - 180,000 BTU/h
Electrical	Appliance: AC 120 Volts - 60 Hz Controller: DC 12 Volts
Electrical Consumption	Normal: 76 w Standby: 2 w Anti-frost protection: 120 w
Amperage	Max with pump: 8A Max without pump: 4A Fuse: 10A
Ignition System	Direct electronic ignition
Hot Water Capacity	Minimum flow rate: 0.26 GPM (1 l/min) Minimum activation flow rate: 0.4 GPM (1.5 l/min) Maximum flow rate: 6.5 GPM (24.6 l/min)
Temperature	98° - 120° F (37° - 49° C) (factory default) Maximum temperature is selectable at 120° F(49° C) or at 140° F(60° C); 98° - 160° F(37° - 71° C) available with MCC-91-2 controller for hydronic applications
Temperature (without remote)	120° F (49° C) (factory default) or 140° F (60° C)
Installation	Indoor only
Energy Factor	Natural Gas: 0.82 Propane: 0.82
Service Connections	Gas supply: 3/4 inch MNPT Cold water inlet: 3/4 inch MNPT Hot water outlet: 3/4 inch MNPT
Isolation & Pressure Relief Valves Included	Isolation Valves are certified to NSF/ANSI 61 for potable water
Water Flow Control	Water flow sensor, electronic water control device and fixed by-pass
Minimum/Maximum Water Supply Pressure	20 - 150 PSI (138-1035 KPa) (recommended 30-80 PSI (209 - 552 KPa) for optimal performance)

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.

FLOW TABLE



Low Lead Content NSF/ANSI 372 SANITATION