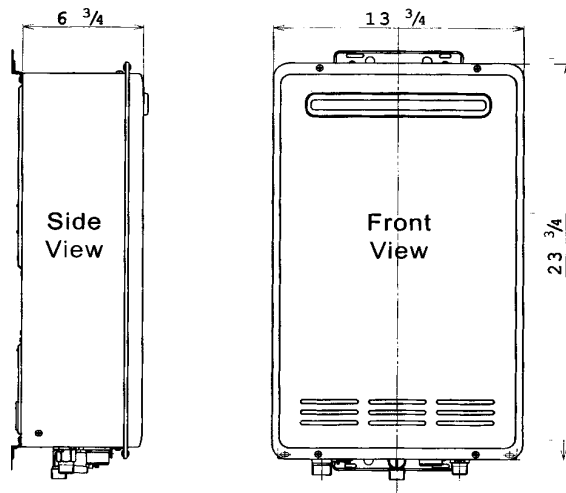


Type of Appliance	Temperature controlled, continuous flow, gas hot water system.
Operation	With or without remote controls, mounted in kitchen, bathroom, etc.
Exhaust system	Direct vent, forced combustion
Rinnai model number	REU-2402FFU-US
Maximum/Minimum gas rate (Input BTU's)	180,000 BTU's - 19,000BTU's Natural Gas 175,000 BTU's - 19,000 BTU's Propane Gas
Hot water capacity, mixed (50°F rise)	0.6 to 6.5 GPM's
Temperature range with remote keypads connected	MC controller 96 - 140°F BC and BSC controller 96 - 120°F
Temperature range (with remotes)	96 - 140°F in 14 stages
Approved gas types	Natural or Propane - Ensure unit matches gas type it's being installed on.
Installation	Internal
Dimensions	



Height 23 3/4 "
Width 13 3/4 "
Depth 6 3/4 "

Weight	55 Lbs.
Efficiency rating	82%
Noise level	49 dB (A)
Connections	Gas supply 3/4" MNPT Cold water inlet 3/4" MNPT Hot water outlet 3/4" MNPT

Ignition system	Direct electronic ignition	
Electrical consumption	Normal	92 watts
	Standby	8 watts
	Anti-frost protection	90 watts
Water temperature control	Simulation feed forward and feedback	
Water flow control	Water flow sensor and automatic electro-mechanical water flow control device	
Minimum water supply pressure	40 PSI (Rinnai recommends 60 - 80 PSI for maximum performance)	
Maximum water supply pressure	150 PSI	
Safety Devices	Appliance - AC 120 Volts - 60Hz.	
	Remote control DC 12 Volts (Digital)	
	Flame failure - Flame rod	
	Boiling protection - 203°F	
	Remaining flame (OHS) 194°F bi-metal switch	
	Thermal fuse 279°F	
	Automatic frost protection - Bi metal sensor & anti-frost heaters	
	Combustion fan rpm check - Integrated circuit	
	Over current - Glass fuse (3 amp)	
	If remote fails or becomes disconnected unit defaults to 100°F with water flowing, this is an anti-scald feature.	
Remote Control	MC-45 US	Main Control (96-140 °F range)
	BC-45 US	Bathroom (96-120 °F range)
	BSC-45 US	Second Bathroom (96-120 °F range)
Remote control cable	Non-polarized two core cable	
Clearances from combustibles	Top of heater	6"
	Front of heater	6"
	Sides of heater	2"
	Back of heater	0"
	Ground	12"
	Around vent pipe	0"
Vent terminal clearances outside	Directly below an opening, window, door, etc.	12"
	Below eaves, overhangs, etc.	36"
	From any internal corner	12"
	Above ground	12"
Min. and Max. gas supply pressure	Natural Gas: (NAT.)	Min. 6" W.C. Maximum 10.5" W.C.
	Propane Gas: (LPG)	Min. 10" W.C. Maximum 14" W.C.
Manifold Gas Pressure (Inches W.C.)	Natural Gas:	5.3" W.C. high fire 0.43" low fire
	LPG:	8.7" W.C. high fire 0.59" low fire
Warranty	Residential:	Ten years heat exchanger / five years parts
	Commercial:	Three years heat exchanger / three years parts