TANKLESS RACK SYSTEM™ SUBMITTAL SHEET: WALL-MOUNT/WALL HANGING RACK



Job Name:		
Location:		
Architect/Engineer:		
Wholesaler:		
Model No.:	Gas Type:	Total System Btu/h:
Notes:		

FEATURES AND BENEFITS

- Ultra-efficient condensing technology
- Thermal Efficiency 97%
- Modulating technology with up to 318:1 Turndown
 - 15,000 Btu/h to 4.8 Million Btu/h
 - 0.26 gpm to 235 GPM hot water flow range
- Ultra Low NO $_{\rm X}$ Complies with South Coast Air Quality Management District 14 ng/J or 20 ppm NO $_{\rm X}$ emission levels
- Sealed Combustion
- Venting Options:
 - Common Vent System PPtl, 8 units up to 150 feet
 - Concentric PPs 150 ft max vent length
 - Dual Pipe PPs 150 ft max vent length
 - PVC/CPVC 2", 3", 4", 6"

- Pre-assembled rack with CU199 indoor or outdoor water heaters
 installed
- Wall-mount or free-standing/floor mount options
- Powder coated black iron gas pipe and copper water manifolds
- Commercial controller available for hot water temperatures between $98^\circ F$ and $185^\circ F$
- Flexible stainless steel pipe connections from hot and cold manifold/ water heater connections
- Individual drain tee/drip leg on gas connection for each water heater
- Marine grade powdered coated aluminum frame
- TRS fits through standard 32" doorway
- Lifting eyebolts on free-standing racks
- Isolation and pressure relief valves included and installed on each water heater

OPTIONS		
Natural Gas	Wall Mount Rack	Cascade Cable (up to 24 units)
Propane		EZConnect [®] (for 2 units only)





Configurations

TRS configurations and part numbers are listed in the following tables.

WALL-HANGING RACKS

CU Serie	25			
Part No.*	Rack type	Configuration	Illustration	
TRW02CUiN	2-unit interior wall-hanging rack, NG			
TRW02CUeN	2-unit exterior wall-hanging rack, NG		7	
TRW02CUiP	2-unit interior wall-hanging rack, LP		and the same	
TRW02CUeP	2-unit exterior wall-hanging rack, LP			
TRW23CUiN	2-unit interior wall-hanging rack, NG			
TRW23CUeN	2-unit exterior wall-hanging rack, NG			
TRW23CUiP	2-unit interior wall-hanging rack, LP		in a start	
TRW23CUeP	2-unit exterior wall-hanging rack, LP			
TRW03CUiN	3-unit interior wall-hanging rack, NG		10 100 100 I	
TRW03CUeN	3-unit exterior wall-hanging rack, NG			
TRW03CUiP	3-unit interior wall-hanging rack, LP			
TRW03CUeP	3-unit exterior wall-hanging rack, LP			
Part No.*	Rack type	Configuration	Illustration	
TRW02SEiN	2-unit interior wall-hanging rack, NG RUC	Configuration	Illustration	
TRW02SEiN TRW02SEeN	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC	Configuration	Illustration	
TRW02SEiN TRW02SEeN TRW02SEiP	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC	Configuration	Illustration	
TRW02SEiN TRW02SEeN	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC	Configuration	Illustration	
TRW02SEiN TRW02SEeN TRW02SEiP TRW02SEeP	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC	.0™ Th		
TRW02SEiN TRW02SEeN TRW02SEiP TRW02SEeP	 2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC 	.0™ Th	ermaCirc36C	
TRW02SEiN TRW02SEeN TRW02SEiP TRW02SEeP SE+ Seri Part No.*	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36	0™ Th	ermaCirc36C Wait less. Waste less.	
TRW02SEiN TRW02SEeN TRW02SEiP TRW02SEeP SE+ Seri Part No.*	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36 Rack type	0™ Th	ermaCirc36C Wait less. Waste less.	
TRW02SEiN TRW02SEeN TRW02SEeP SE+ Seri Part No.* TRW02STiN TRW02STeN TRW02STiP	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36 Rack type 2-unit interior wall-hanging rack, NG 2-unit exterior wall-hanging rack, NG 2-unit interior wall-hanging rack, LP	0™ Th	ermaCirc36C Wait less. Waste less.	
TRW02SEiN TRW02SEeN TRW02SEeP TRW02SEeP SE+ Seri Part No.* TRW02STiN TRW02STeN	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36 Rack type 2-unit interior wall-hanging rack, NG 2-unit exterior wall-hanging rack, NG	0™ Th	ermaCirc36C Wait less. Waste less.	
TRW02SEiN TRW02SEeN TRW02SEeP SE+ Seri Part No.* TRW02STiN TRW02STeN TRW02STiP TRW02STeP TRW02STiP	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36 Rack type 2-unit interior wall-hanging rack, NG 2-unit exterior wall-hanging rack, NG 2-unit interior wall-hanging rack, LP 2-unit exterior wall-hanging rack, LP 3-unit interior wall-hanging rack, NG	0™ Th	ermaCirc36C Wait less. Waste less.	
TRW02SEiN TRW02SEeN TRW02SEeP SE+ Seri Part No.* TRW02STiN TRW02STiN TRW02STiP TRW02STiP TRW02STiP TRW03STiN TRW03STiN	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36 Rack type 2-unit interior wall-hanging rack, NG 2-unit exterior wall-hanging rack, NG 2-unit interior wall-hanging rack, LP 2-unit interior wall-hanging rack, LP	0™ Th	ermaCirc36C Wait less. Waste less.	
TRW02SEiN TRW02SEeN TRW02SEeP SE+ Seri Part No.* TRW02STiN TRW02STeN TRW02STiP TRW02STeP TRW02STiP	2-unit interior wall-hanging rack, NG RUC 2-unit exterior wall-hanging rack, NG RUC 2-unit interior wall-hanging rack, LP RUC 2-unit exterior wall-hanging rack, LP RUC es Featuring ThermaCirc36 Rack type 2-unit interior wall-hanging rack, NG 2-unit exterior wall-hanging rack, NG 2-unit interior wall-hanging rack, LP 2-unit exterior wall-hanging rack, LP 3-unit interior wall-hanging rack, NG	0™ Th	ermaCirc36C Wait less. Waste less.	

* Part No. Legend: TR = Tankless Rack; W = Wall Hanging; S = Stand Alone; IL = Inline; ILW = Inline Wall Mount; 2/3/4/5/6 = Number of Water Heaters; i/e = Interior/Exterior; NG/LP = Natural Gas/Liquid Propane

HE+ Seri	es		
Part No.*	Rack type	Configuration	Illustration
TRW02HEiN	2-unit interior wall-hanging rack, NG ^[1]		
TRW02HEXiN	2-unit interior wall-hanging rack, NG ^[2]		
TRW02HEeN	2-unit exterior wall-hanging rack, NG		
TRW02HEiP	2-unit interior wall-hanging rack, LP		
TRW02HEeP	2-unit exterior wall-hanging rack, LP		-
TRW03HEiN	3-unit interior wall-hanging rack, NG ^[1]		
TRW03HEXiN	3-unit interior wall-hanging rack, NG ^[2]		LY ILY ILY
TRW03HEeN	3-unit exterior wall-hanging rack, NG		
TRW03HEiP	3-unit interior wall-hanging rack, LP		
TRW03HEeP	3-unit exterior wall-hanging rack, LP		

^[1] For use with Rinnai RL94i Tankless Water Heaters.

^[2] For use with Rinnai RLX94i Tankless Water Heaters.

WALL-MOUNT RACKS

Part No.*	Rack type	Configuration	Illustration
TRS02ILWCUIN	2-unit interior wall-mount rack, NG		A CONTRACT
TRS02ILWCUeN	2-unit exterior wall-mount rack, NG		
TRS02ILWCUiP	2-unit interior wall-mount rack, LP		
TRS02ILWCUeP	2-unit exterior wall-mount rack, LP		A
TRS23ILWCUIN	2-unit interior wall-mount ount rack, NG		AD-
TRS23ILWCUeN	2-unit exterior wall-mount mount rack, NG]	
TRS23ILWCUiP	2-unit interior wall-mount rack, LP		
TRS23ILWCUeP	2-unit exterior wall-mount rack, LP		
TRS03ILWCUIN	3-unit interior wall-mount rack, NG		28-108-108-1
TRS03ILWCUeN	3-unit exterior wall-mount rack, NG		
TRS03ILWCUiP	3-unit interior wall-mount rack, LP		
TRS03ILWCUeP	3-unit exterior wall-mount rack, LP		

CORNER-HANGING RACKS

Part No.*	Rack type	Configuration	Illustration
TRC02CUIN	2-unit interior corner-hanging rack, NG		
TRC02CUiP	2-unit interior corner-hanging rack, LP		

* Part No. Legend: TR = Tankless Rack; W = Wall Hanging; S = Stand Alone; IL = Inline; ILW = Inline Wall Mount; 2/3/4/5/6 = Number of Water Heaters; i/e = Interior/Exterior; NG/LP = Natural Gas/Liquid Propane



WALL-HANGING RACKS

LEFT

7.58

Available Configurations

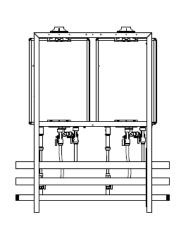
- 2-Units
- 3-Units

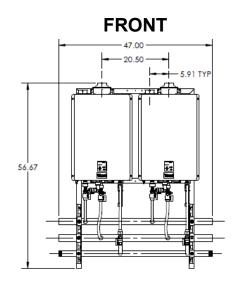
CU Series

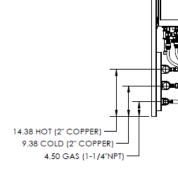


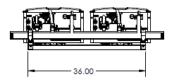
2-Unit Wall-Hanging Frame

BACK









Model	Configuration	Illustration
TRW02CU		

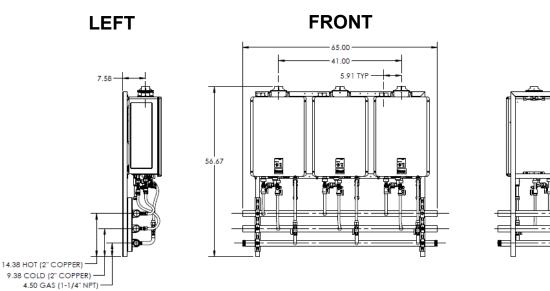
CU Series 2-Unit Wall-Hanging Frame (Continued)

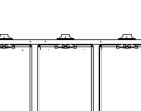
Model	TRW02CUi	TRWCU02CUe	
Water Heater Model	CU199i (NG/LP)	CU199e (NG/LP)	
Crate Dimensions (HxLxD) - in	66 x 70 x 35		
Weight - Fully Assembled - lbs	170	169	
Weight - Shipping (total) - lbs	380	379	
Rack Frame - Specifications			
Frame Material	14 Gauge Hot Rolled Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube	
Frame Finish	Powder Coat	Stainless	
Color	Gray	Stainless	
Water & Gas Connections			
Hot Water Trunk Line Diameter	2	2"	
Cold Water Trunk Line Diameter	2	2"	
Hot Water Trunk Line Material	Rigid Copper		
Cold Water Trunk Line Material	Rigid Copper		
Water Trunk Connection Type	2" Pipe		
Gas Trunk Line Diameter	1-1/4"		
Gas Trunk Connection Type	1-1/4" MNPT		
Gas Trunk Line Material	Sch 40 Steel		
Gas Branch Line Material	PVC Ov	er CSST	
Electric Requirements			
Voltage	AC 120 Vo	olts—60 Hz	
Maximum Current (Amperes)	8		
	BTU and Flow Rates for C199i, CU199e	(NG/LP)	
Number of Tankless Water Heaters	2		
Flow rate @ 70°F rise (gpm)	10.8		
Flow rate @ 100°F rise (gpm)	7.6		
Minimum input rate (Btuh)	15,200		
Maximum input rate (Btuh)	398,000		



CU Series

3-Unit Wall-Hanging Frame





1 Pa

11 ïï

Н

∦

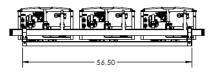
1 Part

11

Π

₩

BACK



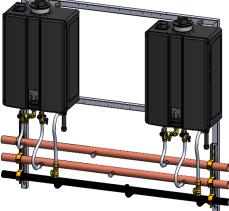
Model	Configuration	Illustration
TRW03CU		
TRW23CU		

CU Series 3-Unit Wall-Hanging Frame (Continued)

Model	TRW03CUi	TRW03CUe	TRW23CUi	TRW23CUe
Water Heater Model	CU199i (NG/LP)	CU199e (NG/LP)	CU199i (NG/LP)	CU199e (NG/LP)
Crate Dimensions (HxLxD) - in	66 x 70	x 35	66 x 70 x 35	
Weight - Fully Assembled - lbs	248	244	186	183
Weight - Shipping (total) - Ibs	469	465	407	402
Rack Frame - Specifications				
Frame Material	14 Gauge Hot Rolled Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube	14 Gauge Hot Rolled Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube
Frame Finish	Powder Coat	Stainless	Powder Coat	Stainless
Color	Gray	Stainless	Gray	Stainless
Water & Gas Connections	1			
Hot Water Trunk Line Diameter		2"		
Cold Water Trunk Line Diameter		2"		
Hot Water Trunk Line Material		Rigid Co	oper	
Cold Water Trunk Line Material	Rigid Copper			
Water Trunk Connection Type	2" PIPE			
Gas Trunk Line Diameter	1-1/4"			
Gas Trunk Connection Type		1-1/4" MI	NPT	
Gas Trunk Line Material	Sch 40 Steel			
Gas Branch Line Material		PVC Over	CSST	
Electric Requirements				
Voltage	AC 120 Volts—60 Hz			
Maximum Current (Amperes)	12		8	
BTU	J and Flow Rates for C	CU199i, CU199e (NC	G/LP)	
Number of Tankless Water Heaters	3		2	
Flow rate @ 70°F rise (gpm)	16.2		10.8	
Flow rate @ 100°F rise (gpm)	11.4		7.6	
Minimum input rate (Btuh)	15,200 15,200		200	
Maximum input rate (Btuh)	597,000 398,000			000





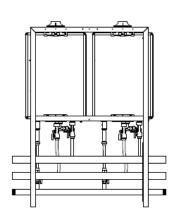


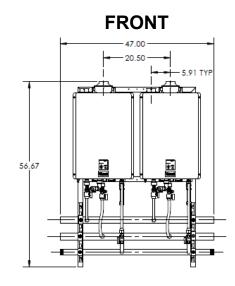
Rinnai Tankless Rack System Specification Sheet

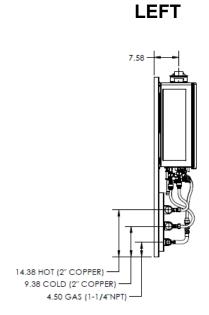
SE Series

2-Unit Wall-Hanging Frame

BACK





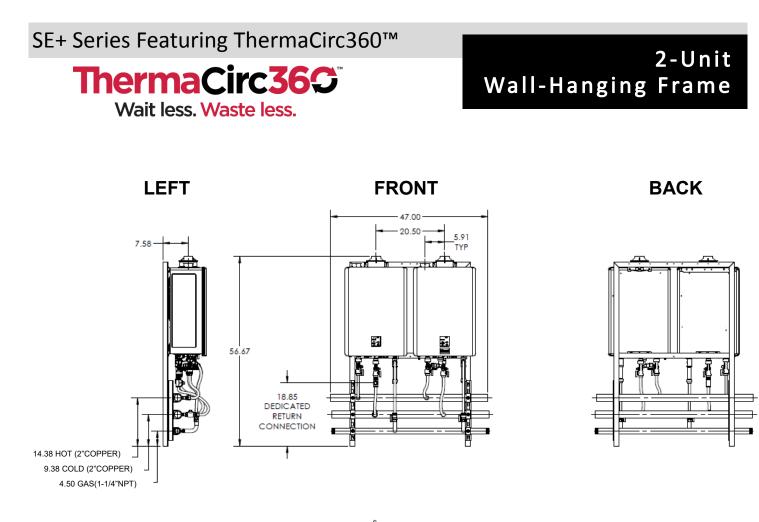




Model	Configuration	Illustration
TRW02SE		

Model	TRW02SEi	TRW02SEe	
Water Heater Model	RU199i (NG/LP)	RU199e (NG/LP)	
Crate Dimensions (HxLxD) - in	66 X 70 X 35		
Weight - Fully Assembled - Ibs	170	169	
Weight - Shipping (total) - lbs	391	390	
Rack Frame - Specifications			
Frame Material	14 Gauge Hot Rolled Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube	
Frame Finish	Powder Coat	Stainless	
Color	Gray	Stainless	
Water & Gas Connections			
Hot Water Trunk Line Diameter		2"	
Cold Water Trunk Line Diame- ter	2"		
Hot Water Trunk Line Material	Rigid Copper		
Cold Water Trunk Line Material	Rigid Copper		
Water Trunk Connection Type	2" PIPE		
Gas Trunk Line Diameter	1-1/4"		
Gas Trunk Connection Type	1-1/4" MNPT		
Gas Trunk Line Material	Sch 40 Steel		
Gas Branch Line Material	PVC Ov	ver CSST	
Electric Requirements			
Voltage	AC 120 Vo	olts—60 Hz	
Maximum Current (Amperes)	8		
	BTU and Flow Rates for RU199i, RU199	e (NG/LP)	
Number of Tankless Water Heaters	2		
Flow rate @ 70°F rise (gpm)	10.8		
Flow rate @ 100°F rise (gpm)	7.6		
Minimum input rate (Btuh)	15,200		
Maximum input rate (Btuh)	398,000		





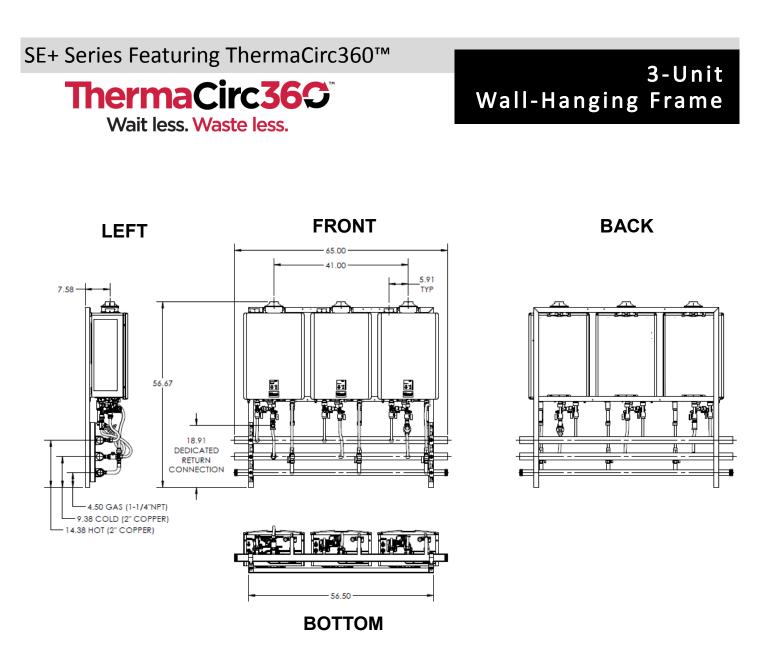


Model	Configuration	Illustration
TRW02ST		FEATURING

Model	TRW02STi	TRW02STe	
Water Heater Model	RUR199i AND RU199i (NG/LP)	RUR199e AND RU199e (NG/LP)	
Crate Dimensions (HxLxD) - in	66 X 70 X 35		
Weight - Fully Assembled - Ibs	178	177	
Weight - Shipping (total) - Ibs	399	398	
Rack Frame - Specifications			
Frame Material	14 Gauge Hot Rolled Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube	
Frame Finish	Powder Coat	Stainless	
Color	Gray	Stainless	
Water & Gas Connections			
Hot Water Trunk Line Diameter	2	2"	
Cold Water Trunk Line Diameter	2"		
Hot Water Trunk Line Material	Rigid (Copper	
Cold Water Trunk Line Material	Rigid Copper		
Water Trunk Connection Type	2" PIPE		
Gas Trunk Line Diameter	1-1/4"		
Gas Trunk Connection Type	1-1/4" MNPT		
Gas Trunk Line Material	Sch 40 Steel		
Gas Branch Line Material	PVC Over CSST		
Electric Requirements			
Voltage	AC 120 Volts—60 Hz		
Maximum Current (Amperes)	8		
BTU and	Flow Rates for RUR199i, RUR199e, RU19	99i, RU199e (NG/LP)	
Number of Tankless Water Heaters	2		
Flow rate @ 70°F rise (gpm)	10.8		
Flow rate @ 100°F rise (gpm)	7.6		
Minimum input rate (Btuh)	15,200		
Maximum input rate (Btuh)	398,000		

TRW02ST





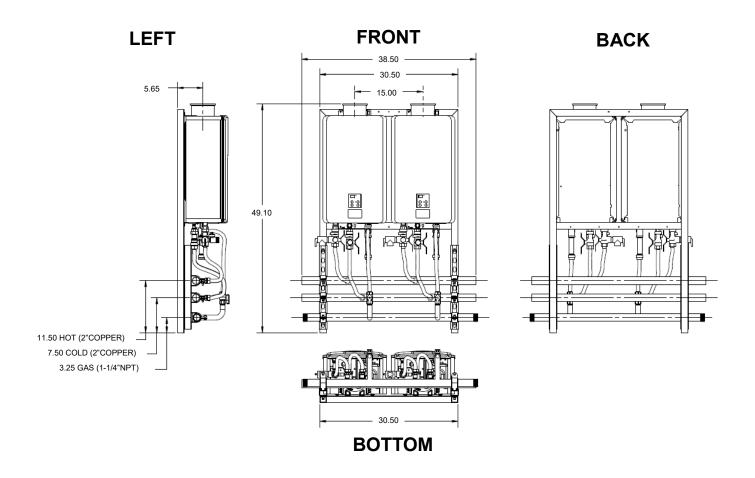
Model	Configuration	Illustration
TRW03ST		PEATURNO

Model	TRW03STi	TRW03STe	
Water Heater Model	RUR199i AND RU199i (NG/LP)	RUR199e AND RU199e (NG/LP)	
Crate Dimensions (HxLxD) - in	66 x 70 x 35		
Weight - Fully Assembled - Ibs	258	254	
Weight - Shipping (total) - Ibs	476	472	
Rack Frame - Specifications	1		
Frame Material	14 Gauge Hot Rolled Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube	
Frame Finish	Powder Coat	Stainless	
Color	Gray	Stainless	
Water & Gas Connections	•		
Hot Water Trunk Line Diameter	2"		
Cold Water Trunk Line Diameter	2"		
Hot Water Trunk Line Material	Rigid Cor	oper	
Cold Water Trunk Line Material	Rigid Copper		
Water Trunk Connection Type	2" PIPE		
Gas Trunk Line Diameter	1-1/4"		
Gas Trunk Connection Type	1-1/4" MNPT		
Gas Trunk Line Material	Sch 40 Steel		
Gas Branch Line Material	PVC Over CSST		
Electric Requirements			
Voltage	AC 120 Volts—60 Hz		
Maximum Current (Amperes)	12		
BTU and Flow	/ Rates for RUR199i, RUR199e, RU199i, R	U199e (NG/LP)	
Number of Tankless Water Heaters	3		
Flow rate @ 70°F rise (gpm)	16.2		
Flow rate @ 100°F rise (gpm)	11.4		
Minimum input rate (Btuh)	15,200		
Maximum input rate (Btuh)	597,000		



HE Series

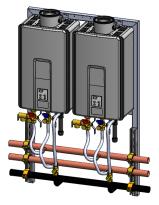
2-Unit Wall-Hanging Frame



Model	Configuration	Illustration
TRW02HE		

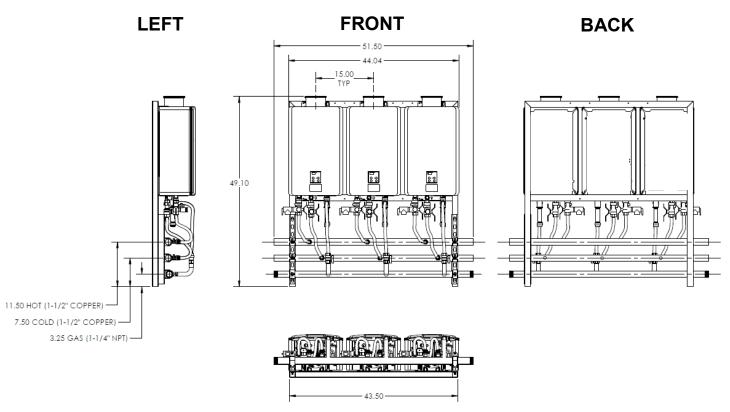
Model	TRW02HEi	TRW02HEXi	TRW02HEe
Water Heater Model	RL94i (NG/LP)	RLX94i (NG)	RL94e (NG/LP)
Crate Dimensions (HxLxD) - in	66 x 67 x 35		
Weight - Fully Assembled - lbs	120	120	120
Weight - Shipping (total) - Ibs	334	334	334
Rack Frame - Specifications			
Frame Material	14 Gauge Hot Rolled Stee	1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube
Frame Finish	Powo	ler Coat	Stainless
Color	0	Gray	Stainless
Water & Gas Connections			
Hot Water Trunk Line Diameter		1-1/2"	
Cold Water Trunk Line Diameter		1-1/2"	
Hot Water Trunk Line Material		Rigid Copper	
Cold Water Trunk Line Material		Rigid Copper	
Water Trunk Connection Type		1-1/2" PIPE	
Gas Trunk Line Diameter	1-1/4"		
Gas Trunk Connection Type	1-1/4" MNPT		
Gas Trunk Line Material	Sch 40 Steel		
Gas Branch Line Material	PVC Over CSST		
Electric Requirements			
Voltage	AC 120 Volts—60 Hz		
Maximum Current (Amperes)	8		
BTU a	nd Flow Rates for RL94i, RLX94i, RL94e (NG/LP)		
Number of Tankless Water Heaters	2	2	2
Flow rate @ 70°F rise (gpm)	9.5	9	9.5
Flow rate @ 100°F rise (gpm)	6.6	6.3	6.6
Minimum input rate (Btuh)	10,300	10,300	10,300
Maximum input rate (Btuh)	398,000	384,000	398,000

TRW02HE / TRW02HEX



HE Series

3-Unit Wall-Hanging Frame



Model	Configuration	Illustration
TRW03HE		

Model	TRW03HEi	TRW03HEXi	TRW03HEe
Water Heater Model	RL94i (NG/LP)	RLX94i (NG)	RL94e (NG/LP)
Crate Dimensions (HxLxD) - in	66 x 67 x 35		· · · · · · · · · · · · · · · · · · ·
Weight - Fully Assembled - lbs	160	160	160
Weight - Shipping (total) - Ibs	374	374	374
Rack Frame - Specifications			
Frame Material	14 Gauge Hot Rollec	l Steel 1.5" Square Tube	16 Gauge Stainless Steel 1.5" Square Tube
Frame Finish	Pow	der Coat	Stainless
Color		Gray	Stainless
Water & Gas Connections			
Hot Water Trunk Line Diameter		1-1/2"	
Cold Water Trunk Line Diameter		1-1/2"	
Hot Water Trunk Line Material		Rigid Copper	
Cold Water Trunk Line Material		Rigid Copper	
Water Trunk Connection Type	1-1/2" PIPE		
Gas Trunk Line Diameter	1-1/4"		
Gas Trunk Connection Type	1-1/4" MNPT		
Gas Trunk Line Material		Sch 40 Steel	
Gas Branch Line Material		PVC Over CSST	
Electric Requirements			
Voltage	AC 120 Volts—60 Hz		
Maximum Current (Amperes)	12		
BTU aı	nd Flow Rates for RL94i,	RLX94i, RL94e (NG/LP)	
Number of Tankless Water Heaters	3	3	3
Flow rate @ 70°F rise (gpm)	14	13.5	14
Flow rate @ 100°F rise (gpm)	9.8	9.4	9.8
Minimum input rate (Btuh)	10,300	10,300	10,300
Maximum input rate (Btuh)	597,000	576,000	597,000

TRW03HE / TRW03HEX



WALL-MOUNT RACKS

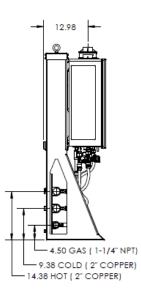
Available Configurations

- 2-Units
- 3-Units



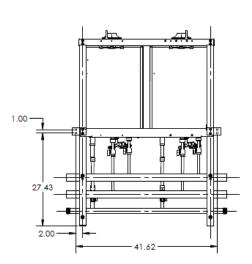
2-Unit Wall-Mount Frame

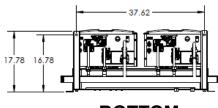
LEFT



FRONT



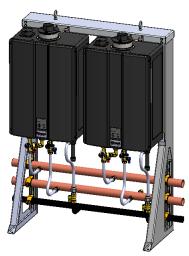




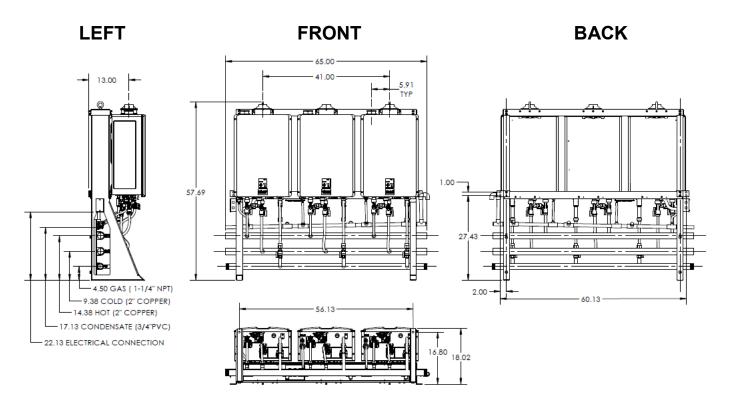
Model	Configuration	Illustration
TRS02ILWCU		

Model	TRS02ILWCU	
Water Heater Model	CU199i, CU199e (NG/LP)	
Crate Dimensions (HxLxD) - in	66 x 70x 35	
Weight - Fully Assembled - lbs	208	
Weight - Shipping (total) - Ibs	410	
Rack Frame - Specifications		
Frame Rail Type	Sheet Metal	
Frame Material	Aluminum (0.090 5052-H32)	
Frame Finish	Powder Coat	
Color	Gray	
Water & Gas Connections		
Hot Water Trunk Line Diameter	2"	
Cold Water Trunk Line Diameter	2"	
Hot Water Trunk Line Material	Rigid Copper	
Cold Water Trunk Line Material	Rigid Copper	
Water Trunk Connection Type	2" PIPE	
Gas Trunk Line Diameter	1-1/4"	
Gas Trunk Connection Type	1-1/4" MNPT	
Gas Trunk Line Material	Sch 40 Steel	
Gas Branch Line Material	PVC Over CSST	
Electric Requirements		
Voltage	AC 120 Volts—60 Hz	
Maximum Current (Amperes)	8	
BTU and Flow R	ates for CU199i, CU199e (NG/LP)	
Number of Tankless Water Heaters	2	
Flow rate @ 70°F rise (gpm)	10.8	
Flow rate @ 100°F rise (gpm)	7.6	
Minimum input rate (Btuh)	15,200	
Maximum input rate (Btuh)	398,000	

TRS02ILWCU



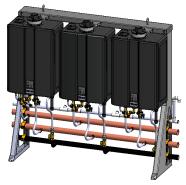
3-Unit Wall-Mount Frame



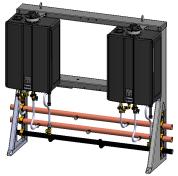
Model	Configuration	Illustration
TRS03ILWCU		
TRS23ILWCU		

Model	TRS03ILWCU	TRS23ILWCU
Water Heater Model	CU199i, CU199e (NG/LP)	
Crate Dimensions (HxLxD) - in	66 x 70 x 3	35
Weight - Fully Assembled - lbs	297	222
Weight - Shipping (total) - lbs	497	424
Rack Frame - Specifications		
Frame Rail Type	Sheet Met	tal
Frame Material	Aluminum (0.090 t	5052-H32)
Frame Finish	Powder Co	pat
Color	Gray	
Water, Gas, and Condensate Connections		
Hot Water Trunk Line Diameter	2"	
Cold Water Trunk Line Diameter	2"	
Hot Water Trunk Line Material	Rigid Copp	ber
Cold Water Trunk Line Material	Rigid Copp	
Water Trunk Connection Type	2" PIPE	
Gas Trunk Line Diameter	1-1/4"	
Gas Trunk Connection Type	1-1/4" MNPT	
Gas Trunk Line Material	Sch 40 Steel	
Gas Branch Line Material	PVC Over C	SST
Condensate Trunk Line Diameter	3/4"	N/A
Condensate Trunk Line Material	Sch–40 PVC	N/A
Condensate Trunk Connection Type	3/4" Pipe	N/A
Electric Requirements		
Prewired Electrical Assembly	Yes (Indoor Models Only)	N/A
Voltage	AC 120 Volts-	-60 Hz
Maximum Current (Amperes)	12	8
BTU and Flow	v Rates for CU199i, CU199e (NG/LP)	
Number of Tankless Water Heaters	3	2
Flow rate @ 70°F rise (gpm)	16.2	10.8
Flow rate @ 100°F rise (gpm)	11.4	7.6
Minimum input rate (Btuh)	15,200	15,200
Maximum input rate (Btuh)	597,000	398,000

TRS03ILWCU



TRS23ILWCU



Rinnai Tankless Rack System Specification Sheet

NOTES



Learn more about Rinnai high-performance Tankless Water Heaters, Hybrid Water Heating Systems, Boilers, Vent-Free Fan Convectors and EnergySaver® Direct Vent Wall Furnaces at:

rinnai.us | rinnai.ca

Rinnai.

Rinnai America Corporation • 103 International Drive, Peachtree City, GA 30269 1-800-621-9419 • rinnai.us

©2018 Rinnai America Corporation. Rinnai America Corporation continually updates materials, and as such, content is subject to change without notice. Local, state, provincial, federal and national fuel gas codes must be adhered to prior to and upon installation.