

Item Number: RUCS75iN

Attribute	Value
Featured Image	https://rinnai.widen.net/content/yyjvk3apyu/web/RUCS75i_Rendering_Right.jpg?u=vm7gq&download=true
Active for Ecommerce	No
Approved Use in	Mobile Home
Audience	Residential
Available to Order Date	2017-04-01
AvidWidgetDiv1	7423B42
California Energy Commission (CEC) Model Registration Number	(RUCS75I) REU-KCM2528FFU-US
Cascading (Y/N)	Yes
Certifications	CSA,AHRI,CEC
Certified MEA Massachusetts	Yes
Certified SCAQMD Approved	Ultra Low NOx
Clearance from Combustibles (Back)	0" / (0 mm)
Clearance from Combustibles (Bottom)	12" / (305 mm)
Clearance from Combustibles (From vent pipe)	See Manual
Clearance from Combustibles (Front)	6" / (152 mm)
Clearance from Combustibles (Sides)	2" / (51 mm)
Clearance from Combustibles (Top)	6" / (152 mm)
Clearance from Non-Combustibles (Back)	0" / (0 mm)
Clearance from Non-Combustibles (Bottom)	12" / (305 mm)
Clearance from Non-Combustibles (From vent pipe)	See Manual
Clearance from Non-Combustibles (Front)	6" / (152 mm)
Clearance from Non-Combustibles (Sides)	1/2" / (13 mm)
Clearance from Non-Combustibles (Top)	2" / (51 mm)
Clearances required for service (Front)	24" / (610 mm)
Cold Water Inlet Connection	3/4" MNPT / (19 mm)
Color	White
Condensate Line Connection	1/2" NPT / (13 mm)
Country of Origin	Japan
Disclaimer	Need this water heater installed? Rinnai can help, simply call 1-84-GO-RINNAI (844-674-6624)
Domestic Hot Water Activation Rate	0.4 GPM 1.5 l/min
Domestic Hot Water Flow Rate (Maximum)	7.5 GPM / (28.4 l/min)
Domestic Hot Water Flow Rate (Minimum)	0.26 GPM 1 l/min
Domestic Hot Water Flow Rate @ 35°F Rise Capacity (GPM/LPM)	7.5 GPM / 28.4 l/min

Attribute	Value
Domestic Hot Water Natural Gas (Btuh/kW) - Input Maximum	160,000 BTU / (46.9 kW)
Domestic Hot Water Natural Gas (Btuh/kW) - Input Minimum	10,300 BTU / (3.0 kW)
Domestic Hot Water Outlet Connection	3/4" MNPT / (19 mm)
Domestic Hot Water Temperature Range (Residential) (°F/°C)	98F-140F / (37C-60C)
Domestic Hot Water Temperature Range (Standard) (°F/°C)	98F-120F / (37C-49C)
Domestic Hot Water Turn Down Ratio	15:1
Domestic Water Supply Pressure: Maximum	150 PSI / (1035 kPa)
Domestic Water Supply Pressure: Minimum	20 PSI / (138 kPa)
Electrical Amperage - Maximum	2.3 Amps
Electrical Consumption (Anti-Frost Protection)	167 watts
Electrical Consumption (Normal)	89 watts
Electrical Consumption (Standby)	1.3 watts
Electrical Voltage	AC 120 Volts, 60 Hz
Energy / Fuel Type	Natural Gas
Energy Factor	0.9
Energy Star - Commercial	No
Energy Star - Residential	Yes
Feature/Benefit Bullet 1	Professional installation required; call 84-GO-Rinnai for assistance.
Feature/Benefit Bullet 2	ENERGY STAR® Qualified with an Energy Factor of 0.93 / Uniform Energy Factor of 0.90
Feature/Benefit Bullet 3	Save time with hot water whenever and wherever you need it, any size home, even for simultaneous uses at multiple fixtures
Feature/Benefit Bullet 4	Save energy and reduce utility costs by operating only when hot water is needed
Feature/Benefit Bullet 5	Maximum output, minimum space. Suitable for installation in non-traditional spaces such as crawl spaces and attics
Feature/Benefit Bullet 6	Multiple venting options available including PVC/CPVC using the Ubbink Concentric to Twin Pipe adaptor allow for an easy installation
Feature/Benefit Bullet 7	Automatic frost protection
Feature/Benefit Bullet 8	Residential warranty: Limited 12-year on heat exchanger, 5-year on parts, 1-year on labor (5-year optional on labor). Commercial Warranty: Limited 5-year on heat exchanger, 5-year on parts, 1-year on labor (2-year optional on labor)
Gas Supply Connection	3/4" MNPT / (19 mm)
Ground Water Temp Region	ExSouthBand 67-77F (19.4-25C),MidBand 47-52 (8.3-11.1C),SouthBand 57-62 (13.9-16.7C)
Hazmat Y/N	No
Heating Input Natural Gas (Btu/h &kW) - Maximum	160,000 BTU
Heating Input Natural Gas (Btu/h &kW) - Minimum	10,300 BTU
Ignition System	Direct Electronic Ignition

Attribute	Value
Image - Corporate Logo	https://rinnai.widen.net/content/bjw5z2ex3z/web/Rinnailogo.PMS186.png?u=vmp7gq&download=true
Installation Location	Indoor
Isolation Valves Included	No
Kit (Yes/NO)	No
Literature - Consumer Brochure	https://rinnai.widen.net/content/t5aaodsa89/original/Water_Heating_Solutions_Consumer_Brochure.pdf?u=vmp7gq&download=true
Literature - Sizing Guide	https://rinnai.widen.net/content/8hrsvzrfjn/original/2022107.H%20-%20Ground%20water%20temperature%20map%20update%20RUCS75i_RUS75e.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/r85cmyhefg/original/North%20America%20Ground%20WaterTemp%20Map.pdf?u=vmp7gq&download=true
Literature - Trade Brochure	https://rinnai.widen.net/content/jw0ot2ohj8/original/Water_Heating_Solutions_Trade_Brochure.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/jufgqzpklw/original/Brochure_Tankless%20Water%20Heaters%20for%20Trade_R-TR-WH-E-01-r8.pdf?u=vmp7gq&download=true
Low Lead Law Compliant	Yes
Manufacturer	Rinnai America Corporation
Minimum Order Qty	1.0
MSDS (Y/N)	No
ORMD Y/N	No
Pallet Depth (inches/cm)	48 in / (122 cm)
Pallet Height (inches/cm)	74 in / (188 cm)
Pallet Quantity	10.0
Pallet Weight (lb/kg)	658.6 lb / (298.7 kg)
Pallet Width (inches/cm)	40 in / (102 cm)
Product Class	Residential Condensing Tankless Water Heating
Product Code	REU-KCM2528FFU-US-N
Product Depth	10.1 in / (257 mm)
Product Description - Long	Enjoy an endless supply of hot water with the RUCS75iN, our Super-High Efficiency condensing natural gas tankless water heater from Rinnai. Only the size of a small suitcase, the RUCS75iN is compact, easy-to-install and perfect for indoor locations.
Product Description - Short	Interior CTWH 160K Btu 7.5 gpm
Product Group	Residential Gas Water Heating
Product Height	31.1 in / (789.6 mm)
Product Info Document - Certification Listings	https://rinnai.widen.net/content/h6pnm373tz/original/AHRICertificate-RUCS75i.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/gobsmztkf/original/Manufacturer%27s_Certification_Statement_-_Rinnai_2015-2016.pdf?u=vmp7gq&download=true
Product Info Document - Component Replacement	https://rinnai.widen.net/content/v2rwbmammm/original/100000313%20OPU%20Instructions-English%20and%20French.pdf?u=vmp7gq&download=true
Product Info Document - Energy Guide Labels	https://rinnai.widen.net/content/heu7woti4e/original/Energy%20Guide-RUCS75iN.pdf?u=vmp7gq&download=true

Attribute	Value
Product Info Document - Owners Installation and Operation Manuals	https://rinnai.widen.net/content/vf4s8srxdp/original/100000384-KCM%20Series%20Installation%20and%20Operation%20Manual.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/iiftibzd45/original/100000924%20Troubleshooting%20TWH%20Diagnostic%20Codes-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/a9uadtrv1k/original/100000923%20Troubleshooting%20TWH%20Diagnostic%20Codes-French.pdf?u=vmp7gq&download=true
Product Info Document - Specification Sheets	https://rinnai.widen.net/content/qexgjt2lxb/original/RUCS75i%20%28KCM2528FFU-US%29%20SP.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ciwyed96o/original/PCD07-EW-SP-Ultra%20Pipe%20Cover%20Specification%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/fzzunkd5jz/original/Ubbink-PP-SP.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/goocz1jdl/original/RUCS75i%20%2528KCM2528FFU-US%2529%20SP.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/tploz3tht/original/100000894%20Water%20Heater%20Isolation%20Valves%20and%20PRV%20Kit.pdf?u=vmp7gq&download=true
Product Info Document - System Design Drawings	https://rinnai.widen.net/content/02fxncqumb/original/WH2-S-1.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/sketutsvvo/original/WH-1-BC.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/abknyvorve/original/WH2-S-1.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/knxxeulsm/original/WH-3-BC.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/yboqchzoad/original/WH-1-CD.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/o2i1zucuy/original/WH3-S-1.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ahljijz40h/original/WH-1-BC.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/m99hrcrek/original/WH1-AH.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/ofkc3bpivr/original/WH1-S-2.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/mn5xzcwdpn/original/WH-3-BC.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/h9rd6nj18/original/WH-2-BC.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/4bp9zra4c/original/WH-3-CD.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/etxss0h706/original/WH-3-CIRC.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/nvtnfb5sj/original/WH1-S-2.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/rx5e7gukc2/original/WH-2-BC.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/qo9nekaemc/original/WH3-S-2.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/zkg6oeoeui/original/WH1-S-1.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/hj8kwzcidn/original/WH1-SH.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/qn0dkbzvhm/original/WH1-SH.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/aqasnf38in/original/WH-2-CIRC.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/0v7vufk4q0/original/WH-1-CIRC.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ohxfw6sp6o/original/WH3-S-2.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/opovswmzwh/original/WH-2-CIRC.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/r2mw9befwa/original/WH1-HX.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/fswqdei0fj/original/WH2-S-2.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/nqn04y8gzr/original/WH-2-CD.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/zbhpesbq7a/original/WH1-S-1.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/po5qjgat4f/original/WH-2-CD.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/0twvhgwipb/original/WH1-AH.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/z6gjiuggpa/original/WH2-S-2.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/egsndn12bk/original/WH-1-CIRC.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/fe7dsdrj0p/original/WH3-S-1.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/alhkegyv2x/original/WH-1-CD.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/wgds78cvht/original/WH1-HX.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ipnjvaiqrg/original/WH-3-CD.DWG?u=vmp7gq&download=true , https://rinnai.widen.net/content/nbddizkoet/original/WH-3-CIRC.pdf?u=vmp7gq&download=true

Attribute	Value
Product Info Document - Technical Bulletins	https://rinnai.widen.net/content/azfidiqe7h/original/TB-122%20New%20Condensing%20Tankless%20Venting%20Options.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/gnnnsu0xuv/original/TB-167%20Control-R%20Not%20Compatible%20with%20RUCS-RUS%20KCM%20Water%20Heaters.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ikcfrzjgdj/original/TB-115%20Condensing%20Water%20Heater%20Combustion%20Air%20Intake%20Pipe%20Material.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/g8jf33u46f/original/TB-181%20Higher%20Vinegar%20Concentration%20for%20Descaling_With%20MSDS.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ms2b3kgqwd/original/TB-165%20New%20Clearances%20for%20Twin%20Pipe%20Venting%20Systems.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/quvcgjjg9ul/original/TB-117%20IPEX%20Concentric%20Vent%20Termination.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/dbbdcnk9/original/TB-121%20Activation%20Flow%20Rates%20at%20Higher%20Temperatures.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/uowlmiyivf/original/TB-130%20Battery%20Backup%20for%20Tankless%20Water%20Heaters%20and%20Home%20Heating%20Products.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ml8iodltds/original/TB-150%20Understanding%20EF%20and%20UEF.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/t9bvreidlm/original/TB-172%20Rinnai%20Products%20With%20Natural%20Gas-Hydrogen%20Mixture%20Fuels.pdf?u=vmp7gq&download=true
Product Info Document - Technical Data Sheets	https://rinnai.widen.net/content/4nxzqpatmp/original/U328-0710%2800%29-RUCS75i%20RUCS65i%20RUS75e%20RUS65e%20KCM%20Tech%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/pl07wjs4ts/original/100000652-Troubleshooting%20TWH%20Diagnostic%20Codes.pdf?u=vmp7gq&download=true
Product Info Document - Warranty	https://rinnai.widen.net/content/gezhf5snv/original/100000653_Warranty_KCM%20%28SE%20Series%29.pdf?u=vmp7gq&download=true
Product Returnable Y/N	Yes
Product Series	Super High Efficiency
Product Status	Active
Product Sub Series	RUCS
Product Weight	57.3 lb / (26 kg)
Product Width	18.5 in / (470 mm)
Prop 65 Warning Statement	California law requires this notice to be provided: California Proposition 65: This product can expose you to chemicals including Di (2-ethylhexyl) phthalate (DEHP) and carbon bisulfide which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov .
Publish to RAC Website	Yes
Publish to Solution Selector	No
Recirculation Capable	No
Sellable Country	US/CAN
Shipping Height (inches/cm)	34 in / (864 mm)
Shipping Length (inches/cm)	34 in / (864 mm)
Shipping Weight (lbs/kg)	62.36 lb / (28.3 kg)
Shipping Width (inches/cm)	22 in / (559 mm)
UPC Code	766156008283
Venting diameters	3", 4", 3x5", 80 mm, 100 mm, 80x130 mm
Venting Material	Polypropylene, PVC, CPVC

Attribute	Value
Venting Type	Concentric, Twin Pipe
Video - 360 Spin	https://rinnai.widen.net/content/aq6a6jqywc/original/Rinnai_Tankless_SE_RUCS75i_360.mp4?u=vmp7gq&download=true
Video - Feature and Benefit	https://rinnai.widen.net/content/5svuux8tzip/original/Rinnai_Animation_HWW_Tankless%20vs%20Tank_HD.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/9ygg11e7d/original/Rinnai_Animation_HWW_Control-R-WiFi_HD.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/ru9h6xanx1/original/Rinnai%20Hot%20Water%20Wisdom-%20Tank%20vs.%20Tankless.mp4?u=vmp7gq&download=true
Warranty - Standard for Residential	1 year on Labor / 5 Years on Parts / 12 Years on Heat Exchanger
Website Related Products	MC-601-W, MIVK-T-LW, RWM200
WiFi Capable / Compatible	No