

Item Number: RXP199iN

Attribute	Value
Featured Image	https://rinnai.widen.net/content/qr9fojwbtbg/web/SENSEI%20RX199iN%20actual%20size.png?u=vmp7gq&download=true
Product Category	Water Heating>Tankless Water Heaters>Condensing>RXP Series
Active for Ecommerce	Yes
Amazon Alexa Compatible	Yes
Android Compatible	Yes
Apple HomeKit Compatible	No
Approved Use in	Mobile Home
Audience	Residential
Automatic Gas-Leak Detector	No
AvidWidgetDiv1	7423199
Bluetooth Compatible	Yes
California Energy Commission (CEC) Model Registration Number	REU-NBP3237FF-US-N
Canada Band 35-47F (1.7-8.3C)	3-4 Fixtures,5+ Fixtures
Cascading (Y/N)	Yes
Certifications	CSA,AHRI
Certified CSA	Yes
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)	0" / (0 mm)
Clearance from Combustibles (Front)	0" / (0 mm)
Clearance from Combustibles (Sides)	2" / (51 mm)
Clearance from Combustibles (Top)	2" / (51 mm)
Clearance from Non-Combustibles (Back)	0" / (0 mm)
Clearance from Non-Combustibles (Bottom)	12" / (305 mm)
Clearance from Non-Combustibles (From vent pipe)	0" / (0 mm)
Clearance from Non-Combustibles (Front)	0" / (0 mm)
Clearance from Non-Combustibles (Sides)	2" / (51 mm)
Clearance from Non-Combustibles (Top)	2" / (51 mm)
Clearances required for service (Front)	24" / (610 mm)
Cold Water Inlet Connection	3/4 in
Color	Silver
Condensate Line Connection	1/2" NPT / (13 mm)
Country of Origin	Japan

Attribute	Value
Domestic Hot Water Activation Rate	0.26 GPM / (1 l/min)
Domestic Hot Water Flow Rate (Maximum)	11.1 GPM / (42 L/min)
Domestic Hot Water Flow Rate (Minimum)	0.26 GPM / (1.0 l/min)
Domestic Hot Water Flow Rate @ 35°F Rise Capacity (GPM/LPM)	11.1 GPM / (42 L/min)
Domestic Hot Water Flow Rate @ 45°F Rise Capacity (GPM/LPM)	8.6 GPM / (32.5 L/min)
Domestic Hot Water Flow Rate @ 50°F Rise Capacity (GPM/LPM)	7.8 GPM (29.3 l/min)
Domestic Hot Water Flow Rate @ 55°F Rise Capacity (GPM/LPM)	7 GPM / (26.4 L/min)
Domestic Hot Water Flow Rate @ 65°F Rise Capacity (GPM/LPM)	6 GPM / (22.7 L/min)
Domestic Hot Water Flow Rate @ 70°F Rise Capacity (GPM/LPM)	5.5 GPM (21 l/min)
Domestic Hot Water Natural Gas (Btuh/kW) - Input Maximum	199000 BTU/H / (58.3 kW)
Domestic Hot Water Natural Gas (Btuh/kW) - Input Minimum	15,000 BTU/H / (4.3 kW)
Domestic Hot Water Outlet Connection	3/4 in
Domestic Hot Water Temperature Range (Commercial) (°F/°C)	98F-185F / (37C-85C)
Domestic Hot Water Temperature Range (Residential) (°F/°C)	98F-120F / (37C-49C)
Domestic Hot Water Temperature Range (Standard) (°F/°C)	98F-120F / (37C-49C)
Domestic Water Supply Pressure: Maximum	150 PSI / (1034 kPa)
Domestic Water Supply Pressure: Minimum	15 PSI / (103 kPa)
Electrical Amperage - Maximum	4 Amps
Electrical Consumption (Anti-Frost Protection)	174 Watts
Electrical Consumption (Normal)	98 Watts
Electrical Consumption (Standby)	1.3 Watts
Electrical Voltage	AC 120 Volts - 60 Hz
Energy / Fuel Type	Propane Gas,Natural Gas
Energy Factor	0.98
Energy Star - Commercial	No
Energy Star - Residential	Yes
ExSouthBand 67-77F (19.4-25C)	3-4 Fixtures,5+ Fixtures
Feature/Benefit Bullet 1	The SENSEI® RX Series is the most advanced Condensing Tankless Water Heater on the market that sets the standard for efficiency up to 0.98 UEF
Feature/Benefit Bullet 10	Smart Sense Gas Valve Technology adjusts to either Natural Gas or Propane - no conversion kit required.

Attribute	Value
Feature/Benefit Bullet 2	Improve your lifestyle with Smart-Circ™ Intelligent Recirculation that learns your water usage patterns and provides unlimited hot water according to your schedule.
Feature/Benefit Bullet 3	Smart Connect via Bluetooth to the RX unit using your smartphone and the Rinnai Central App for Quick Setup and Registration
Feature/Benefit Bullet 4	Smart Circ™ Intelligent Recirculation™ automatically learns users' hot water usage patterns.
Feature/Benefit Bullet 5	Quick Flush - Simplified System Flushing
Feature/Benefit Bullet 6	Industry leading 2" venting up to 75 feet
Feature/Benefit Bullet 7	Recirculation on Demand via Push Button Activation
Feature/Benefit Bullet 8	4-Speed High Efficiency DC Recirculation Pump
Feature/Benefit Bullet 9	Super High Efficiency of 0.98 UEF, Meets Energy Star 5.0
Gas Supply Connection	3/4 in
Google Assistant Compatible	No
Ground Water Temp Region	Canada 35-47F (1.7-8.3C),ExSouthBand 67-77F (19.4-25C),MidBand 47-52 (8.3-11.1C),NorthBand 35-42 (1.7-5.6C),SouthBand 57-62 (13.9-16.7C)
Heating Input Natural Gas (Btu/h &kW) - Maximum	199000 BTU/H / (58.3 kW)
Heating Input Natural Gas (Btu/h &kW) - Minimum	15,000 BTU/H / (4.3 kW)
High Altitude Model	No
Ignition System	Direct Electronic Ignition
Image - Back	https://rinnai.widen.net/content/zamu7fgrgo/web/Sensei-RX_back.8.png?u=vmp7gq&download=true
Image - Bottom	https://rinnai.widen.net/content/ux6gj6wcfg/web/Sensei-RX_bottom.png?u=vmp7gq&download=true
Image - Corporate Logo	https://rinnai.widen.net/content/bjw5z2ex3z/web/Rinnailogo.PMS186.png?u=vmp7gq&download=true
Image - Front	https://rinnai.widen.net/content/qr9fojwbtg/web/SENSEI%20RX199iN%20actual%20size.png?u=vmp7gq&download=true
Image - Left	https://rinnai.widen.net/content/vdsezqqf6j/web/Sensei-RX_left_view_cover_off.png?u=vmp7gq&download=true
Image - Lifestyle	https://rinnai.widen.net/content/2kxpp5aas2/web/SENSEI_RX-Exterior-LighterVent.jpg?u=vmp7gq&download=true , https://rinnai.widen.net/content/yuewa69hsz/web/Tony%20Stewart.hispanic%20plumber.SENSEI%20RX.4.jpg?u=vmp7gq&download=true , https://rinnai.widen.net/content/ga8znho9pj/web/3426_SenseiRX_Basement.jpg?u=vmp7gq&download=true
Image - Rendered	https://rinnai.widen.net/content/4mud1t6wbs/web/SENSEI%20RX%20illustration.ai?u=vmp7gq&download=true
Image - Right	https://rinnai.widen.net/content/l23wxhgrt1/web/Sensei-RX_right_view_cover_off.png?u=vmp7gq&download=true
Image - Top	https://rinnai.widen.net/content/qgxsf4vl4a/web/Sensei-RX_top_view.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/xbxpzuxdwg/web/Sensei-RX_top.png?u=vmp7gq&download=true
Installation Location	Indoor or Outdoor
IOS Compatible	Yes
Isolation Valves Included	No
Kit (Yes/NO)	No

Attribute	Value
Literature - Consumer Brochure	https://rinnai.widen.net/content/cfvsdoffoh/original/US%20SENSEI%20RX%20Series%20Brochure.pdf?u=vmp7gq&download=true
Literature - Sizing Guide	https://rinnai.widen.net/content/m4jsgx33ak/original/US%20and%20Canada%20Ground%20Water%20Maps.RX%20and%20RXP199iN.pdf?u=vmp7gq&download=true
Literature - Trade Brochure	https://rinnai.widen.net/content/kxwiinhywf/original/Canada%20SENSEI%20RX%20Series%20Brochure.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/eynf0vrdop/original/US%20SENSEI%20RX%20Series.Brochure.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/a3sua351oa/original/US%20SENSEI%20RX.CX%20Comparison%20Sell%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/fq1flwjah7/web/SENSEI%20RX%20interactive%20QR%20Code%20icon%201.jpg?u=vmp7gq&download=true , https://rinnai.widen.net/content/5gwqzvj1gq/original/French%20SENSEI%20RX%20Series%20Brochure.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/onkzwtinnjb/original/US%20Sensei%20to%20Sensei%20RX%20Cross-reference.pdf?u=vmp7gq&download=true
Low Lead Law Compliant	Yes
Manufacturer	Rinnai America Corporation
MidBand 47-52 (8.3-11.1C)	3-4 Fixtures,5+ Fixtures
Minimum Order Qty	1.0
NorthBand 35-42 (1.7-5.6C)	3-4 Fixtures,5+ Fixtures
Pallet Depth (inches/cm)	48 inch / (122 cm)
Pallet Height (inches/cm)	72.2 inch / (183 cm)
Pallet Quantity	1.0
Pallet Weight (lb/kg)	765 lb / (33.1 kg)
Pallet Width (inches/cm)	40 inch / (102 cm)
Product Catalog Title (SEO)	The SENSEI™ RXP199iN offers unsurpassed efficiency (0.98 UEF) and energy savings while delivering the ultimate in lifestyle comfort, smart design and unlimited hot water.
Product Class	Residential Condensing Tankless Water Heating
Product Code	REU-NBP3237FF-US-N
Product Depth	11.4 inch / (291 mm)
Product Description - Long	The SENSEI™ RXP199iN condensing tankless water heater from Rinnai is only the size of a small suitcase, uses either Natural Gas or Propane, and can be installed indoors or outdoors using the Versa-Vent™ accessory. Rinnai SENSEI RX Series tankless water heaters last up to twice as long as tanks and have twice the warranty length. Plus, they save energy by heating water only when it is needed.
Product Description - Short	Condensing Tankless Water Heater RXP199 features 0.96 UEF with 199k BTU and pump.
Product Group	Residential Gas Water Heating
Product Height	30.11 inch / (762 mm)

Attribute	Value
Product Info Document - Component Replacement	https://rinnai.widen.net/content/v2rwbmammm/original/100000313%20OPU%20Instructions-English%20and%20French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/v22plmg7xw/original/100000916-Gas%20Valve%20Replacement%20Instructions-SENSEI%20RX%20CX-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/iuvccedzlx/original/100000915-PCB%20Replacement%20Instructions-SENSEI%20RX%20CX-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ukl34fkod/original/100000918-Heat%20Exchanger%20Replacement%20Instructions-SENSEI%20RX%20CX-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/hsldldzphcx/original/100000919-Pump%20Replacement%20Instructions-SENSEI%20RX%20CX-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/oe3x8mn3oj/original/100000917-Combustion%20Fan%20Replacement%20Instructions-SENSEI%20RX%20CX-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/b9qcocikvm/original/100000920-Water%20Flow%20Servo%20Valve%20Replacement%20Instructions-SENSEI%20RX%20CX-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ok4twscqif/original/100001063%20OPU%20Instructions-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/rqwz2ntmko/original/100000921%20PVC%20and%20CPVC%20Common%20Venting%20Installation%20Instructions%20for%20SENSEI-SPANISH.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/wfoxro3rlc/original/100000913-Pump%20Replacement%20Instructions-SENSEI%20RX%20CX-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/rswkk5u6zx/original/100000909-PCB%20Replacement%20Instructions-SENSEI%20RX%20CX-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/m8ricqqpee/original/100000911-Combustion%20Fan%20Replacement%20Instructions-SENSEI%20RX%20CX-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/bowboux7o8/original/100000910-Gas%20Valve%20Replacement%20Instructions-SENSEI%20RX%20CX-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/hvudjrcxk2/original/100000912-Heat%20Exchanger%20Replacement%20Instructions-SENSEI%20RX%20CX-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/yutbpc7h0g/original/100000887-Polypropylene%20Common%20Venting%20Installation%20Instructions-Version%20H_FRE.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/79fjknfv8l/original/100000914-Water%20Flow%20Servo%20Valve%20Replacement%20Instructions-SENSEI%20RX%20CX-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/b2lzbddydx/original/100000888-PVC%20and%20CPVC%20Common%20Venting%20Installation%20Instructions%20for%20SENSEI_FRE.pdf?u=vmp7gq&download=true
Product Info Document - Conversion Manual	https://rinnai.widen.net/content/9i9ixprorr/original/100000842%20SENSEI%20RX_CX%20Outdoor%20Conversion%20Manual.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/soajfyscya/original/100000928%20SENSEI%20RX%20CX%20Indoor%20to%20Outdoor%20Conversion%20Manual-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ms8ptixpsv/original/100000927%20C2%20A0SENSEI%20RX%20CX%20Gas%20Conversion%20Manual-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/zwuryfy77y/original/100000841%20C2%20A0SENSEI%20RX%20Gas%20Conversion%20Manual.pdf?u=vmp7gq&download=true
Product Info Document - Energy Guide Labels	https://rinnai.widen.net/content/htv9wabfdr/original/Energy%20Guide%20RXP199%20-Natural%20Gas.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/mkqrzrt4e/original/Energy%20Guide%20RXP199%20-Propane%20Gas.pdf?u=vmp7gq&download=true

Attribute	Value
Product Info Document - Owners Installation and Operation Manuals	https://rinnai.widen.net/content/l2ijec4uvv/original/100000839%20SENSEI%20RX%20Residential%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 , https://rinnai.widen.net/content/h6jmxfrva7/original/100000557-Polypropylene%20Common%20Venting%20Installation%20Instructions.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/lrdaezr8ky/original/100000557-Sp%20Polypropylene%20Common%20Venting%20Installation%20Instructions-Version%20H_SPANISH.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/gi1j6hdhfj/original/100000625-PVC%20and%20CPVC%20Common%20Venting%20Installation%20Instructions%20for%20SENSEI.pdf?u=vmp7gq&download=true
Product Info Document - Specification Sheets	https://rinnai.widen.net/content/sfzzhtqy wz/original/100000884%20SENSEI%20RXP%20Residential%20with%20Pump%20Condensing%20Spec%20Sheet-English.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/sovhbxa9l/original/100000908%20SENSEI%20RXP%20Residential%20with%20Pump%20Condensing%20Spec%20Sheet-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/klhrnjq1lf/original/100000904%20SENSEI%20RXP%20Residential%20with%20Pump%20Condensing%20Spec%20Sheet-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/whyawduxsk/original/100000933%20PCD11-SHS%20and%20PCD11-IB%20Pipe%20Cover%20Specification%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/tplozp3tht/original/100000894%20Water%20Heater%20Isolation%20Valves%20and%20PRV%20Kit.pdf?u=vmp7gq&download=true
Product Info Document - Technical Bulletins	https://rinnai.widen.net/content/oavnrxknp/original/TB-204%20RXLeakKit%20No%20Longer%20Available.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/erk3epaaqp/original/TB-162%2802%29%20Announcing%20IPEX%20System%201738%20PVC%20Approval.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/vhxcxvncww/original/TB-205%2801%29%20Slope%20of%20Air%20Intake%20Pipe%20for%20SENSEI%20RX%20CX%20Water%20Heaters.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/jwqg6lv5n/original/TB-194%20Allowable%20EZ%20Connect%20Combinations.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/t1rrdf11/original/TB-202%20SENSEI%20RX%20RXP%20CX%20CXP%20Rating%20Plate%20Update.pdf?u=vmp7gq&download=true
Product Info Document - Technical Data Sheets	https://rinnai.widen.net/content/w89sh2wm3o/original/100000849-SENSEI%20RX%20CX%20Tech%20Sheet_English.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ybgwtgawgl/original/100000850-SENSEI%20RX%20CX%20Check%20Sheet_Eng-Fr.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/u08dt7dbyb/original/100000849-SENSEI%20RX%20CX%20Tech%20Sheet_French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/wvbnqxxhc/original/100000929%20SENSEI%20RX%20CX%20Check%20Sheet-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ucl2mjb7jb/original/100000890-SENSEI%20RX%20CX%20Tech%20Sheet-French.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/o17mor0woz/original/100000655%2804%29_Warranty_SENSEI%20Residential.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/dmat71vvlm/original/100001005_Warranty_SENSEI%20Residential-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/yjtfvovugb/original/100001004%20_Warranty_SENSEI%20Residential-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/77iuyb5wrq/original/100000655_Warranty_SENSEI%20Residential.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/eou9mz81qz/original/100000655%20Warranty%20SENSEI%20Residential.pdf?u=vmp7gq&download=true
Product Series	Super High Efficiency Plus
Product Status	Active

Attribute	Value
Product Sub Series	RXP
Product Weight	58 lb / (26.3 kg)
Product Width	18.5 inch / (470 mm)
Prop 65 Chemicals (CAS)	75-15-0 and 7439-92-1
Prop 65 Warning Required	Yes
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	Yes
Recirculation Capable	Yes
RevitWidgetID	56593
Sellable Country	US/CAN
Shipping Height (inches/cm)	33.1 inch / (841 mm)
Shipping Length (inches/cm)	14.8 inch / (380 mm)
Shipping Weight (lbs/kg)	63 lb / (29 kg)
Shipping Width (inches/cm)	21.7 inch / (550 mm)
SmartThings Compatible	No
Sound Level	49.0
SouthBand 57-62 (13.9-16.7C)	3-4 Fixtures,5+ Fixtures
UPC Code	766156017308
Venting diameters	2", 3", 2"/4" and 3"/5"
Venting Material	Aluminum Aluminum, Polypropylene, PVC, CPVC
Venting Type	Concentric, Twin Pipe, Room Air, Common Vent
Video - 360 Spin	https://rinnai.widen.net/content/nxnpxf44dj/original/RX360degreeaudio.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/ogtjkeztg0/original/RX360withaudio.mp4?u=vmp7gq&download=true
Video - For Trade Professionals	https://rinnai.widen.net/content/nhiir2em8x/original/RXSmartConnect.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/zgd5uddudh/original/RXSmartSense.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/fmara0spb8/original/RXQuickFlush.mp4?u=vmp7gq&download=true
Video - How It Works	https://rinnai.widen.net/content/xw8utvy4l8/original/How%20it%20works%20-%20Sensei%20RX-Portrait.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/cgns3neifd/original/RXVersaVentRXP.mp4?u=vmp7gq&download=true
Voice Activation Enabled	No
Warranty - Standard for Commercial	1 Year on Labor / 5 Years on Parts / 8 Years (12,000 hr) on Heat Exchanger
Warranty - Standard for Residential	1 Year on Labor / 5 Years on Parts / 15 Years (12,000 hr) on Heat Exchanger
Website Related Products	RX199iN, RXOVC, RXLeakKit
WiFi Capable / Compatible	Yes