

Item Number: IP199S

| Attribute | Value |
|--|---|
| Featured Image | https://rinnai.widen.net/content/bxg0j0tj0z/web/Large%20I-SERIES%20Plus.straight.small.png?u=vmp7gq&download=true |
| Product Category | Heating Systems>Boilers>I-Series+ |
| Active for Ecommerce | Yes |
| AFUE % Rating | 95.0 |
| Amazon Alexa Compatible | No |
| Android Compatible | Yes |
| Apple HomeKit Compatible | No |
| Audience | Residential |
| Automatic Gas-Leak Detector | No |
| Bluetooth Compatible | Yes |
| California Energy Commission (CEC) Model Registration Number | REB-B5800FFUS |
| Cascading (Y/N) | Yes |
| Central Heating Turn Down Ratio | 13.3:1 |
| Certifications | ASME,ANSIZ21.13,CSA 4.9 |
| Certified SCAQMD Approved | Ultra Low NOx |
| Cold Water Inlet Connection | 3/4" MNPT / (19 mm) |
| Color | Gray |
| Condensate Line Connection | 1/2" NPT / (13 mm) |
| Country of Origin | Japan |
| Domestic Hot Water Activation Rate | 0.4 GPM / (1.5 l/min) |
| Domestic Hot Water Natural Gas (Btuh/kW) - Input Minimum | 15000 BTU / (4.39 kW) |
| Domestic Hot Water Outlet Connection | 3/4" MNPT / (19 mm) |
| Domestic Hot Water Temperature Range (Standard) (°F/°C) | 98F-120F / (37C-49C) |
| Domestic Water Supply Pressure: Maximum | 150 PSI |
| Domestic Water Supply Pressure: Minimum | 2 PSI |
| Electrical Amperage - Maximum | 14 Amps |
| Electrical Consumption (Normal) | 98 watts |
| Electrical Consumption (Standby) | 8 watts |
| Electrical Voltage | 120V, 60Hz |
| Energy / Fuel Type | Propane Gas,Natural Gas |
| Energy Star - Commercial | No |
| Energy Star - Residential | Yes |
| Feature/Benefit Bullet 1 | Cascading up to 24 Units |
| Feature/Benefit Bullet 10 | New and Improved Heat Exchanger |

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| Feature/Benefit Bullet 2 | <p>Smart Connect™ – Bluetooth access through the Rinnai Central™ App</p> |
| Feature/Benefit Bullet 3 | 7 Heating Reset Curves |
| Feature/Benefit Bullet 4 | High Altitude Approved up to 10,100 ft. |
| Feature/Benefit Bullet 5 | Advanced Controls with Quick Set-Up Screen |
| Feature/Benefit Bullet 6 | Improved Front Panel Display |
| Feature/Benefit Bullet 7 | 4 Built-in Zones |
| Feature/Benefit Bullet 8 | Space Heating |
| Feature/Benefit Bullet 9 | Common Venting up to 8 Units |
| Gas Supply Connection | 3/4" MNPT / (19 mm) |
| Google Assistant Compatible | No |
| Hazmat Y/N | No |
| Heating - Fuel Gage Available | No |
| Heating Input Natural Gas (Btu/h &kW) - Maximum | 199,000 BTU / (58.3 kW) |
| Heating Input Natural Gas (Btu/h &kW) - Minimum | 15000 BTU / (4.39 kW) |
| Ignition System | Direct Electronic Ignition |
| Image - Bottom | https://rinnai.widen.net/content/18p2gxxaah/web/Large%20I-SERIES%20Plus.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/cjdynjrkv/web/Large%20I-SERIES%20Plus%20CoverOFF.straight.small.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/prhqnivgj4/web/Large%20I-SERIES%20Plus%20CoverOFF.PC%20Board.straight.small.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/bxg0j0tj0z/web/Large%20I-SERIES%20Plus.straight.small.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/qrwge5edy7/web/Large%20I-SERIES%20Plus%20CoverOFF.straight.png?u=vmp7gq&download=true |
| Image - Left | https://rinnai.widen.net/content/hmu6u7fode/web/Large%20I-SERIES%20Plus%20Left%20side.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/v2q2cq/djbl/web/Large%20I-SERIES%20Plus%20CoverOFF.left.png?u=vmp7gq&download=true |
| Image - Lifestyle | https://rinnai.widen.net/content/fkxj9entdu/web/I-Series%20Plus%20with%20Plumber.psd?u=vmp7gq&download=true , https://rinnai.widen.net/content/nsgltapjac/web/Large%20I-SERIES%20Plus%20Basement%20Installation.jpg?u=vmp7gq&download=true |
| Image - Right | https://rinnai.widen.net/content/u8clvidkhb/web/Large%20I-SERIES%20Plus%20CoverOFF.right.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/gbzqt3flxq/web/Large%20I-SERIES%20Plus%20right%20side.png?u=vmp7gq&download=true |
| Image - Top | https://rinnai.widen.net/content/srz6dmew26/web/Large%20I-SERIES%20Plus.top.png?u=vmp7gq&download=true |
| Installation Location | Indoor |
| IOS Compatible | Yes |
| Isolation Valves Included | No |
| Kit (Yes/NO) | Yes |
| Kit Content Description | Gas Conv. Kit, Wall Mount Bracket, PRV, OAT Sensor |

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|---|---|
| Literature - Trade Brochure | https://rinnai.widen.net/content/1r1kynhkbv/original/FRENCH%20I-SERIES%20%20Plus%20Brochure.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/eyauvpdpf/original/Canada%20I-SERIES%20%20%20Plus%20Brochure.pdf?u=vmp7gq&download=true |
| Manufacturer | Rinnai America Corporation |
| Mounting Type | Wall or floor mounted rack |
| MSDS (Y/N) | No |
| Product Catalog Title (SEO) | Solo Boiler CH 199K BTU |
| Product Class | Residential Boiler |
| Product Code | IP199S |
| Product Depth | 15.48 inch / (393.19 mm) |
| Product Description - Long | I-SERIES Plus™ 199k BTU Solo Heat Condensing Gas Boilers offers unmatched value and performance with an expanded product line featuring Smart Sense™ Adaptive Gas Valve technology for more versatility. |
| Product Description - Short | Solo Boiler CH 199K BTU |
| Product Group | Residential Boiler |
| Product Height | 45.3 inch / (1150.62 mm) |
| Product Info Document - Component Replacement | https://rinnai.widen.net/content/w1tk9erhef/original/800000284%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Boiler%20Rack%20Assembly%20Instructions-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ffuapcbteu/original/800000283%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Boiler%20Rack%20Assembly%20Instructions-French.pdf?u=vmp7gq&download=true |
| Product Info Document - Conversion Manual | https://rinnai.widen.net/content/ot6ucccdxl/original/800000220%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Boiler%20Gas%20Conversion%20Manual%20%281%29.pdf?u=vmp7gq&download=true |
| Product Info Document - Energy Guide Labels | https://rinnai.widen.net/content/blgafmgdao/original/IP199S%20-%20Energy%20Guide.pdf?u=vmp7gq&download=true |
| Product Info Document - Owners Installation and Operation Manuals | https://rinnai.widen.net/content/bhg5rnrrari/original/800000216%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Solo%20Boiler%20Installation%20and%20Operation%20Manual.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/wcr83m30xl/original/800000217%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Solo%20Boiler%20Installation%20and%20Operation%20Manual-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/zcteohtaax/original/800000219%20I-Series%20Plus%20Condensing%20Boiler%20User%20Manual-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/o3smpapey6/original/800000218%20I-Series%20Plus%20150K%20and%20175K%20Boiler%20User%20Manual-ENGLISH.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ms3mek5vpi/original/800000315%20I-Series%20Plus%20150K%20and%20175K%20Boiler%20User%20Manual-Spanish.pdf?u=vmp7gq&download=true |

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| Product Info Document - Specification Sheets | https://rinnai.widen.net/content/puhuirgnqd/original/800000322%20I-Series%20Plus%20Solo%20Spec%20Sheet-175K%20BTU%20and%20Larger-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ug1neejgza/original/800000279%20I-Series%20Solo%20Boiler%20Plumbing%20Kit%20Spec%20Sheet-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/8nuaydijhn/original/800000278%20I-Series%20Solo%20Boiler%20Plumbing%20Kit%20Spec%20Sheet-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ga3hzpxybn/original/800000252%20I-Series%20Plus%20Solo%20Spec%20Sheet-175K%20BTU%20and%20Larger%20Models.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/sgwtpscnlm/original/800000323%20I-Series%20Plus%20Solo%20Spec%20Sheet-175K%20BTU%20and%20Larger-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/pnk478am6t/original/800000139%20I-Series%20Solo%20Boiler%20Plumbing%20Kit%20Spec%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/tpcwtuajxn/original/800000287%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Boiler%20Rack%20Spec%20Sheet-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/ucqzsymmsl/original/800000285%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Boiler%20Rack%20Spec%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/7ycu9drrsx/original/800000286%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Boiler%20Rack%20Spec%20Sheet-French.pdf?u=vmp7gq&download=true |
| Product Info Document - Technical Bulletins | https://rinnai.widen.net/content/pa1mwmvqls/original/TB-073%20Condensing%20Termination%20Rain%20Ingress.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/30onckqzym/original/TB-079%20Rinnai%20Ubbink%20Venting.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/pc4icbm4nk/original/TB-080%20Termination%20Diverter%20Kit.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/o8rbhenx8x/original/TB-200%20I-Series%20Plus%20Boiler%20Manual%20Revisions%20for%20Termination%20Clearances%20and%20Maintenance%20Warning.pdf?u=vmp7gq&download=true |
| Product Info Document - Technical Data Sheets | https://rinnai.widen.net/content/ijuakm1jpx/original/800000197%2801%29%20I-Series%20Plus%20150K%20and%20175K%20BTU%20Condensing%20Boiler%20Check%20Sheet.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/xgjnlytlcp/original/800000222%2802%29%20I-Series%20Plus%20175K%20BTU%20and%20Larger%20Condensing%20Solo%20Boiler%20Tech%20Sheet.pdf?u=vmp7gq&download=true |
| Product Returnable Y/N | No |
| Product Series | Condensing Boiler |
| Product Status | Active |
| Product Sub Series | I-SERIES_Plus_S |
| Product Weight | 112.4 lb / (50.9 kg) |
| Product Width | 19.45 inch / (494.63 mm) |
| Prop 65 Chemicals (CAS) | lead, lead compounds, carbon disulfide |
| 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 |
| Recirculation Capable | No |

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|-------------------------------------|---|
| RevitWidgetID | 58692 |
| Sellable Country | US/CAN |
| Shipping Height (inches/cm) | 45.3 inch / (1150.62 mm) |
| Shipping Length (inches/cm) | 19.7 inch / (500 mm) |
| Shipping Weight (lbs/kg) | 127.6 lb / (58 kg) |
| Shipping Width (inches/cm) | 23.6 inch / (599.4 mm) |
| SmartThings Compatible | No |
| Sound Level | 42.0 |
| UL Listed | Yes |
| UPC Code | 766156017209 |
| Venting diameters | 2in: PVC, CPVC, PP, SS; 3in PVC, CPVC, PP, SS, 2/4in, 3/5in |
| Venting Material | Polypropylene, Stainless Steel, PVC, CPVC |
| Venting Type | Concentric, Twin Pipe, Room Air |
| Video - 360 Spin | https://rinnai.widen.net/content/ecll80lwhg/original/Large%20I-SERIES%20Plus.mp4?u=vmp7gq&download=true |
| Video - For Trade Professionals | https://rinnai.widen.net/content/t77qncldz8/original/I-Series%20Innovative%20Logic.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/pdt8rtwds3/original/I-Series%20combined.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/e7gfjcy3pn/original/I-Series%20SmartSense.mp4?u=vmp7gq&download=true , https://rinnai.widen.net/content/0rboyz9fn1/original/I-Series%20SmartConnect.mp4?u=vmp7gq&download=true |
| Video - How It Works | https://rinnai.widen.net/content/1nfwigiwwa/original/I-SERIES%20General%20Marketing%20Video.mp4?u=vmp7gq&download=true |
| Voice Activation Enabled | No |
| Warranty - Standard for Commercial | 1 Year on Labor / 5 Years on Parts / 5 Years on Heat Exchanger |
| Warranty - Standard for Residential | 1 Year on Labor / 5 Years on Parts / 12 Years on Heat Exchanger |
| Water Content | 2.40 Gallons / (9.08 L) |