

Item Number: IP120199C

Attribute	Value
Featured Image	https://rinnai.widen.net/content/crwazzthsn/web/I-Series%20Plus_straight_CoverON.jpg?u=vmp7gq&download=true
Product Category	Heating Systems>Boilers>I-Series+
Active for Ecommerce	Yes
AFUE % Rating	96.0
Amazon Alexa Compatible	No
Android Compatible	Yes
Apple HomeKit Compatible	No
Audience	Residential
Automatic Gas-Leak Detector	No
AvidWidgetDiv1	7423ISJ
Bluetooth Compatible	Yes
California Energy Commission (CEC) Model Registration Number	REB-B3558FFUS
Cascading (Y/N)	Yes
Central Heating Turn Down Ratio	8.0:1
Certifications	ASME,ANSIZ21.13,CSA 4.9
Certified CSA	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" 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)

Attribute	Value
Domestic Hot Water Flow Rate (Maximum)	9.8GPM
Domestic Hot Water Flow Rate (Minimum)	0.26 GPM / (1 l/min)
Domestic Hot Water Flow Rate @ 35°F Rise Capacity (GPM/LPM)	9.8 GPM / 37.1 l/min
Domestic Hot Water Flow Rate @ 50°F Rise Capacity (GPM/LPM)	7.2 GPM (27.25 l/min)
Domestic Hot Water Flow Rate @ 70°F Rise Capacity (GPM/LPM)	5.1 GPM (19.3 l/min)
Domestic Hot Water Natural Gas (Btuh/kW) - Input Maximum	199,000 BTU / (58.3 kW)
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 (Commercial) (°F/°C)	98F-140F / (37C-60C)
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 Water Supply Pressure: Maximum	150 PSI
Domestic Water Supply Pressure: Minimum	2 PSI
Electrical Amperage - Maximum	14 Amps
Electrical Consumption (Normal)	214 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	Smart Sense™ Gas Adaptive Technology
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	Simultaneous Space Htg and DHW
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

Attribute	Value
Heating - Fuel Gage Available	No
Heating Input Natural Gas (Btu/h &kW) - Maximum	120000 BTU / (35.6 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/yesl7vejst/web/l-SERIES%20Plus_CoverON.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/undnz5lblv/web/l-SERIES%20Plus.straight.uncovered.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/2hhrhj7mmc/web/l-SERIES%20Plus.straight.uncovered.pc%20board.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/ozzdxio4a4/web/l-Series%20Plus_straight_CoverON.png?u=vmp7gq&download=true
Image - Left	https://rinnai.widen.net/content/zcry5vrhdk/web/l-SERIES%20Plus.left%20side.uncovered.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/r2akt76kis/web/l-SERIES%20Plus.left%20side.uncovered.pc%20board.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/py7kmlui4/web/l-Series%20Plus_left_CoverON.png?u=vmp7gq&download=true
Image - Lifestyle	https://rinnai.widen.net/content/hib3g9zqby/web/l-Series%2BPlus_Basement_pump.jpg?u=vmp7gq&download=true
Image - Right	https://rinnai.widen.net/content/zefxwa4lgr/web/l-Series%20Plus_right_CoverON.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/b7wfwjwbgg4/web/l-SERIES%20Plus.right%20side.uncovered.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/t5czhtpwut/web/l-SERIES%20Plus.right%20side.uncovered.pc%20board.png?u=vmp7gq&download=true
Image - Top	https://rinnai.widen.net/content/7jekoup0rg/web/l-Series%20Plus_Top.CoverOFF.png?u=vmp7gq&download=true , https://rinnai.widen.net/content/9tnoligzpq/web/l-SERIES%20Plus_CoverON_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
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%20Plus%20Brochure.pdf?u=vmp7gq&download=true
Low Lead Law Compliant	Yes
Manufacturer	Rinnai America Corporation
Mounting Type	Wall or floor mounted rack
MSDS (Y/N)	No
Product Catalog Title (SEO)	Combi Boiler CH 120K BTU / DHW 199K BTU
Product Class	Residential Boiler
Product Code	IP120199C
Product Depth	11.5 in / (292.1 mm)

Attribute	Value
Product Description - Long	I-SERIES Plus™ line of Combi Condensing Gas Boilers offers unmatched value and performance with an expanded product line that features Smart Sense™ Adaptive Gas Valve technology. Combi Boiler CH 120k / DHW 199k, NG
Product Description - Short	Combi Boiler CH 120K BTU / DHW 199K BTU
Product Group	Residential Boiler
Product Height	26.4 inch / (670.56 mm)
Product Info Document - Component Replacement	https://rinnai.widen.net/content/xr9qmnwwlm/original/800000266%20Gas%20Control%20Orifice%20Instructions%20%282%29.pdf?u=vmp7gq&download=true
Product Info Document - Conversion Manual	https://rinnai.widen.net/content/m4hvi6qq3i/original/800000194%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Boiler%20Gas%20Conversion%20Manual.pdf?u=vmp7gq&download=true
Product Info Document - Energy Guide Labels	https://rinnai.widen.net/content/mhlmithot8/original/IP120199C%20-%20Energy%20Guide.pdf?u=vmp7gq&download=true
Product Info Document - Owners Installation and Operation Manuals	https://rinnai.widen.net/content/figquq117k/original/800000190%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Boiler%20Installation%20and%20Operation%20Manual.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/oc86h0vbnq/original/800000192%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Boiler%20User%20Manual.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/36gnttjbc3/original/800000204%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Boiler%20User%20Manual_French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/zcteohtaax/original/8000000219%20I-Series%20Plus%20Condensing%20Boiler%20User%20Manual-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/6em0zrqgrr/original/800000205%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Boiler%20Installation%20and%20Operation%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/n2p5jrpeg5/original/800000313%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Boiler%20Installation%20and%20Operation%20Manual-Spanish.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
Product Info Document - Specification Sheets	https://rinnai.widen.net/content/ianxtk6tkn/original/800000249%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Spec%20Sheet-English.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/yw0dntvzxl/original/800000317%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Spec%20Sheet-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/yrkyw6bc2b/original/800000277%20I-Series%20Combi%20Boiler%20Plumbing%20Kit%20Spec%20Sheet-Spanish.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/phl7wpyzf9/original/800000316%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Spec%20Sheet-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/o1p60cftth/original/800000276%20I-Series%20Combi%20Boiler%20Plumbing%20Kit%20Spec%20Sheet-French.pdf?u=vmp7gq&download=true , https://rinnai.widen.net/content/iejqrkfkra/original/800000138%20I-Series%20Combi%20Boiler%20Plumbing%20Kit%20Spec%20Sheet.pdf?u=vmp7gq&download=true

Attribute	Value
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/c5z7z1ohbf/original/TB-195%20I-Series%20Plus%20Combi%20DHW%20Setpoint%20Temperature%20%281%29.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/uxxujfhn2u/original/800000195%2801%29%20I-Series%20Plus%20150K%20BTU%20and%20Smaller%20Combi%20Boiler%20Tech%20Sheet.pdf?u=vmp7gq&download=true , 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
Product Returnable Y/N	No
Product Series	Condensing Boiler
Product Status	Active
Product Sub Series	I-SERIES_Plus_C
Product Weight	62 lb / (28.1 kg)
Product Width	18.5 inch / (470 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	Yes
RevitWidgetID	58687
Sellable Country	US/CAN
Shipping Height (inches/cm)	33.5 inch / (852 mm)
Shipping Length (inches/cm)	14.6 inch / (370 mm)
Shipping Weight (lbs/kg)	82.7 lb / (37.6 kg)
Shipping Width (inches/cm)	20.9 inch / (532 mm)
SmartThings Compatible	No
Sound Level	47.0
UL Listed	Yes
UPC Code	766156017155
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

Attribute	Value
Video - 360 Spin	https://rinnai.widen.net/content/dntk82omxw/original/I-Series%2BPlus%20360%20spin.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/1nfwigiwva/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	0.88 Gallons / (3.33 L)