

## Item Number: RCB399AN

Attribute	Value
Featured Image	<a href="https://rinnai.widen.net/content/afe3wobe1u/web/RCB301_CoverOn_Front.png?u=vm7gq&amp;download=true">https://rinnai.widen.net/content/afe3wobe1u/web/RCB301_CoverOn_Front.png?u=vm7gq&amp;download=true</a>
Product Category	Heating Systems>Boilers>RCB Series
Active for Ecommerce	No
Audience	Commercial,Residential
Cascading (Y/N)	Yes
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)	6" / (152 mm)
Clearance from Combustibles (Sides)	2" / (51 mm)
Clearance from Combustibles (Top)	4" / (102 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)	6" / (152 mm)
Clearance from Non-Combustibles (Sides)	2" / (51 mm)
Clearance from Non-Combustibles (Top)	4" / (102 mm)
Clearances required for service (Front)	24" / (610 mm)
Cold Water Inlet Connection	1-1/4" MNPT / (32 MM)
Color	Gray
Condensate Line Connection	1" MNPT / (25mm) (3/4" PVC)
Country of Origin	Turkey
Domestic Hot Water Natural Gas (Btuh/kW) - Input Maximum	399,000 BU / (117 kW)
Domestic Hot Water Natural Gas (Btuh/kW) - Input Minimum	39,900 BU / (11.7 kW)
Domestic Hot Water Outlet Connection	1-1/4" MNPT / (32mm)
Domestic Water Supply Pressure: Minimum	14.5 PSI / (100 kPa)
Electrical Amperage - Maximum	6.3 Amps
Electrical Consumption (Normal)	210 watts
Electrical Consumption (Standby)	10 watts
Electrical Voltage	AC 120 Volts, 60 Hz
Energy / Fuel Type	Natural Gas
Energy Star - Commercial	Yes
Feature/Benefit Bullet 1	97% Thermal Efficiency
Feature/Benefit Bullet 2	10:1 Turndown ratio
Feature/Benefit Bullet 3	Stainless Steel Heat Exchanger (ASME H Stamp)

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Feature/Benefit Bullet 4	Ultra Low NOx
Feature/Benefit Bullet 5	ASME H Stamp
Feature/Benefit Bullet 6	Cascade up to 8 Units
Feature/Benefit Bullet 7	Common Vent up to 4 Units
Feature/Benefit Bullet 8	7" LCD Touch Screen
Feature/Benefit Bullet 9	<p>BMS compatible</p>
Gas Supply Connection	1" MNPT / (25 MM)
Heating Input Natural Gas (Btu/h &kW) - Maximum	399,000 BU / (117 kW)
Heating Input Natural Gas (Btu/h &kW) - Minimum	39,900 BU / (11.7 kW)
Ignition System	Direct Electronic Ignition
Image - Corporate Logo	<a href="https://rinnai.widen.net/content/bjw5z2ex3z/web/Rinnailogo.PMS186.png?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/bjw5z2ex3z/web/Rinnailogo.PMS186.png?u=vmp7gq&amp;download=true</a>
Image - Front	<a href="https://rinnai.widen.net/content/nh3ne8safi/web/RCB301_CoverOff_Front0000.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/nh3ne8safi/web/RCB301_CoverOff_Front0000.jpg?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/afe3wobe1u/web/RCB301_CoverOn_Front.png?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/afe3wobe1u/web/RCB301_CoverOn_Front.png?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/2jyqs28jdx/web/RCB301_closeup_screen.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/2jyqs28jdx/web/RCB301_closeup_screen.jpg?u=vmp7gq&amp;download=true</a>
Image - Left	<a href="https://rinnai.widen.net/content/dp7jkmfl2h/web/RCB301_CoverOn_SideAngles0001.png?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/dp7jkmfl2h/web/RCB301_CoverOn_SideAngles0001.png?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/vxdsf7dqj4/web/RCB301_CoverOff_Left%20side.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/vxdsf7dqj4/web/RCB301_CoverOff_Left%20side.jpg?u=vmp7gq&amp;download=true</a>
Image - Lifestyle	<a href="https://rinnai.widen.net/content/ylg1nccwim/web/3371_Enviroment_4-Unit_RCB_Wall.png?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/ylg1nccwim/web/3371_Enviroment_4-Unit_RCB_Wall.png?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/qqfr1br3ar/web/RCB301%20Bracket.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/qqfr1br3ar/web/RCB301%20Bracket.jpg?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/ekwubdrpp4/web/RCB%20Close%20up%20installation.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/ekwubdrpp4/web/RCB%20Close%20up%20installation.jpg?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/odomyardd6/web/rcb_CMU_Room_01__Post.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/odomyardd6/web/rcb_CMU_Room_01__Post.jpg?u=vmp7gq&amp;download=true</a>
Image - Right	<a href="https://rinnai.widen.net/content/yveplq2x0g/web/RCB301_CoverOn_SideAngles0000.png?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/yveplq2x0g/web/RCB301_CoverOn_SideAngles0000.png?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/hcsg71actm/web/RCB301_CoverOff.jpg?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/hcsg71actm/web/RCB301_CoverOff.jpg?u=vmp7gq&amp;download=true</a>
Installation Location	Indoor
Isolation Valves Included	No
Kit (Yes/NO)	No
Literature - Trade Brochure	<a href="https://rinnai.widen.net/content/nrfq3hzb04/original/FRENCH%20RCB%20brochure.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/nrfq3hzb04/original/FRENCH%20RCB%20brochure.pdf?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/lg7cpxnvhk/original/Canadian%20RCB%20brochure.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/lg7cpxnvhk/original/Canadian%20RCB%20brochure.pdf?u=vmp7gq&amp;download=true</a> , <a href="https://rinnai.widen.net/content/qirwb5yqw2/original/US%20RCB%20brochure.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/qirwb5yqw2/original/US%20RCB%20brochure.pdf?u=vmp7gq&amp;download=true</a>
Manufacturer	Rinnai America Corporation
Minimum Order Qty	1.0
MSDS (Y/N)	No
Pallet Depth (inches/cm)	40 in / (1016 mm)
Pallet Height (inches/cm)	30 in / (762 mm)
Pallet Weight (lb/kg)	207 lbs / (94kg)
Pallet Width (inches/cm)	23 in / (584 mm)

Attribute	Value
Product Catalog Title (SEO)	Designed for commercial applications, the RCB•Series™ Wall-Hung and Floor-Standing are built to deliver energy-saving performance with advanced features to meet your building's heating needs.
Product Class	Commercial Boiler
Product Code	RCB399AN
Product Depth	21.3 in / (541 mm)
Product Description - Long	Experience the next level in hydronic heating with the RCB•Series™ Wall-Hung and Floor-Standing Boilers from Rinnai, offering superior thermal efficiency and intelligent, user-friendly controls. Choose from multiple models, including wall-hung (RCB301AN, RCB399AN) and floor-standing (RCB500AN, RCB750AN, RCB1000AN) options to fit your space and capacity requirements. Each boiler features a 10:1 turndown ratio, allowing precise adjustments to meet varying demand. Built with a 316L stainless steel water tube heat exchanger for lasting durability. Get the quality you expect from Rinnai backed by a 10-Year (Non-Prorated) on the Heat Exchanger plus 1 year Parts and 1 Year Labor.
Product Description - Short	399 MBH NG Commercial Wall Mount Boiler
Product Group	Commercial Boiler
Product Height	33.1 in / (841 mm)
Product Info Document - Component Replacement	<a href="https://rinnai.widen.net/content/0v0kx1yw9b/original/800000211%20Rinnai%20Commercial%20Boiler%20Common%20Venting%20Installation%20Instructions-French.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/0v0kx1yw9b/original/800000211%20Rinnai%20Commercial%20Boiler%20Common%20Venting%20Installation%20Instructions-French.pdf?u=vmp7gq&amp;download=true</a>
Product Info Document - Conversion Manual	<a href="https://rinnai.widen.net/content/sklyhbgr0/original/800000174-RCB%20Conversion%20Manual.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/sklyhbgr0/original/800000174-RCB%20Conversion%20Manual.pdf?u=vmp7gq&amp;download=true</a>
Product Info Document - Owners Installation and Operation Manuals	<a href="https://rinnai.widen.net/content/cud9axfjx3/original/800000189%2801%29%20Rinnai%20Commercial%20Boiler%20User%20Manual.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/xqufwsfdy/original/800000189%2801%29-Fr%20Rinnai%20Commercial%20Boiler%20User%20Manual_French.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/272ywgzcgv/original/800000172%2801%29-Fr%20Rinnai%20Commercial%20Boiler%20Installation%20and%20Operation%20Manual_French.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/w4ibftawja/original/800000172%2801%29%20Rinnai%20Commercial%20Boiler%20Installation%20and%20Operation%20Manual.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/cud9axfjx3/original/800000189%2801%29%20Rinnai%20Commercial%20Boiler%20User%20Manual.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/xqufwsfdy/original/800000189%2801%29-Fr%20Rinnai%20Commercial%20Boiler%20User%20Manual_French.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/272ywgzcgv/original/800000172%2801%29-Fr%20Rinnai%20Commercial%20Boiler%20Installation%20and%20Operation%20Manual_French.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/w4ibftawja/original/800000172%2801%29%20Rinnai%20Commercial%20Boiler%20Installation%20and%20Operation%20Manual.pdf?u=vmp7gq&amp;download=true</a>
Product Info Document - Specification Sheets	<a href="https://rinnai.widen.net/content/s1jvhcnxh/original/800000177-RCB%20Engineering%20Specification.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/jw97nlzxh6/original/800000236%20RCB%20Floor%20Stand%20Spec%20Sheet.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/iivlcazwbj/original/800000176%20Rinnai%20Commercial%20Boiler%20Specification%20Sheet%20%281%29.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/bjihp1bncf/original/800000176%20Rinnai%20Commercial%20Boiler%20Specification%20Sheet.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/jlu3mz7090/original/800000380%20Rinnai%20Commercial%20Boiler%20Wall-Mount%20Specification%20Sheet-French.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/s1jvhcnxh/original/800000177-RCB%20Engineering%20Specification.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/jw97nlzxh6/original/800000236%20RCB%20Floor%20Stand%20Spec%20Sheet.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/iivlcazwbj/original/800000176%20Rinnai%20Commercial%20Boiler%20Specification%20Sheet%20%281%29.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/bjihp1bncf/original/800000176%20Rinnai%20Commercial%20Boiler%20Specification%20Sheet.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/jlu3mz7090/original/800000380%20Rinnai%20Commercial%20Boiler%20Wall-Mount%20Specification%20Sheet-French.pdf?u=vmp7gq&amp;download=true</a>
Product Info Document - Technical Bulletins	<a href="https://rinnai.widen.net/content/30onckqzym/original/TB-079%20Rinnai%20Ubbink%20Venting.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/pc4icbm4nk/original/TB-080%20Termination%20Diverter%20Kit.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/30onckqzym/original/TB-079%20Rinnai%20Ubbink%20Venting.pdf?u=vmp7gq&amp;download=true,https://rinnai.widen.net/content/pc4icbm4nk/original/TB-080%20Termination%20Diverter%20Kit.pdf?u=vmp7gq&amp;download=true</a>
Product Info Document - Technical Data Sheets	<a href="https://rinnai.widen.net/content/lmiu9yqicw/original/800000187%20Rinnai%20Commercial%20Boiler%20Wall-Mount%20Tech%20Sheet-English.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/lmiu9yqicw/original/800000187%20Rinnai%20Commercial%20Boiler%20Wall-Mount%20Tech%20Sheet-English.pdf?u=vmp7gq&amp;download=true</a>
Product Info Document - Warranty	<a href="https://rinnai.widen.net/content/rbxnnbrjl7/original/800000175%20Warranty_Rinnai%20Commercial%20Boiler.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/rbxnnbrjl7/original/800000175%20Warranty_Rinnai%20Commercial%20Boiler.pdf?u=vmp7gq&amp;download=true</a>

Attribute	Value
Product Info Document – Submittal Sheet	<a href="https://rinnai.widen.net/content/h9tlcagfxq/original/100000813%20Rinnai%20Commercial%20Boiler%20Submittal%20Form.pdf?u=vmp7gq&amp;download=true">https://rinnai.widen.net/content/h9tlcagfxq/original/100000813%20Rinnai%20Commercial%20Boiler%20Submittal%20Form.pdf?u=vmp7gq&amp;download=true</a>
Product Returnable Y/N	Yes
Product Series	Commercial Boiler
Product Status	Active
Product Sub Series	RCB_Boiler_Wall
Product Weight	183 lbs
Product Width	19.4 in / (493 mm)
Prop 65 Chemicals (CAS)	Lead and lead compounds; antimony trioxide
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .
Publish to RAC Website	Yes
Recirculation Capable	No
RevitWidgetID	56603
Sellable Country	US/CAN
Shipping Height (inches/cm)	30 in / (762 mm)
Shipping Length (inches/cm)	40 in / (1016 mm)
Shipping Weight (lbs/kg)	207 lbs / (94kg)
Shipping Width (inches/cm)	23 in / (584 mm)
Thermal Efficiency	0.97
UPC Code	766156017506
Venting Material	Polypropylene, PVC, CPVC, Metal
Venting Type	Room Air, Twin Pipe
Warranty - Standard for Commercial	10 Year HEX / 1 Year Parts
Warranty - Standard for Residential	1 Year on Parts / 10 Years on Heat Exchanger