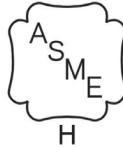




BAXI LUNA Duo-Tec 1.33GA

BAXI LUNA Duo-Tec 1.33GA Condensing Gas Fired Wall Mounted Boiler



Job Name	
Location	
Mechanical Contractor	
Architect/Engineer	
Wholesaler	
Model Number	
Gas Type	
NOTES:	

Built in Features:

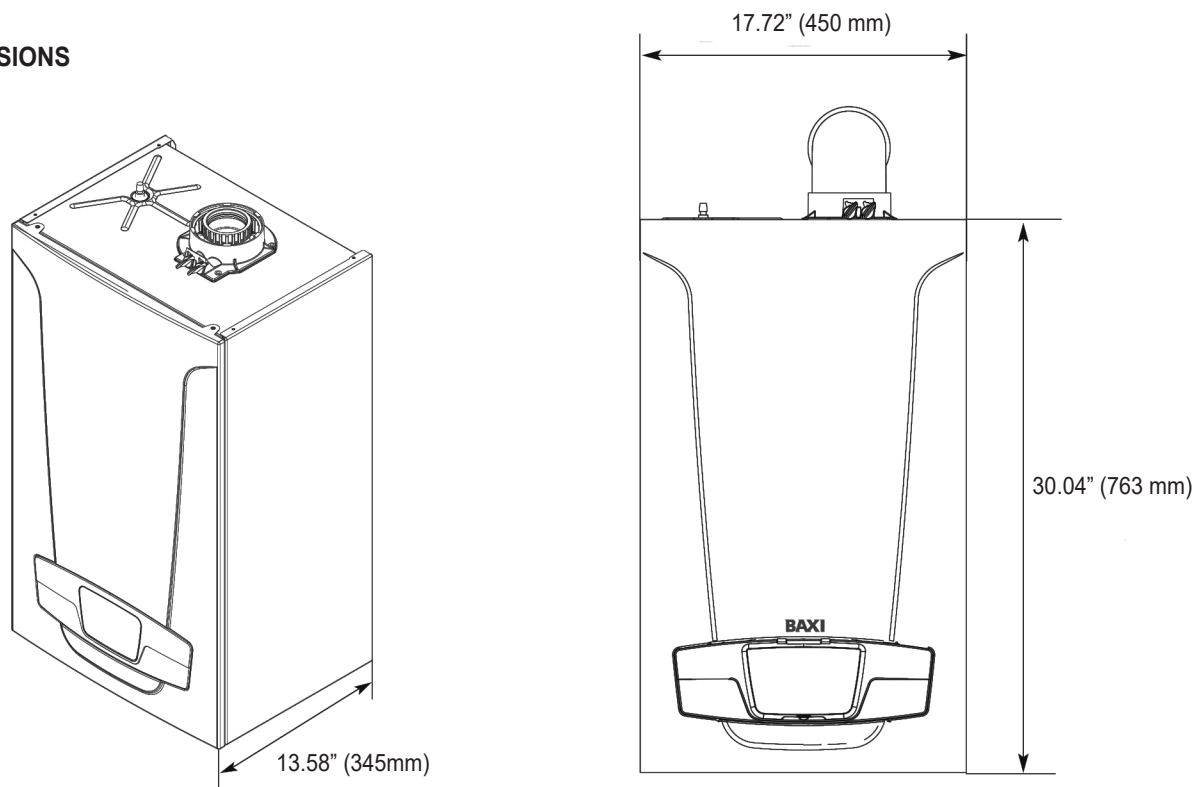
- Up to 95% AFUE
- Iron-Chromium stainless steel burner with superior resistance to high temperature scaling, embrittlement and loss of corrosion resistance
- Iron-Chromium stainless steel heat exchanger that resists corrosion and high temperature oxidation in burner and boiler applications
- Automatic burner setup to get highest efficiency
- Automatic air purge
- Electronic, direct spark gradual ignition with no standing pilot light.
- Field convertible from National gas to Propane with Gas recognition function
- Factory supplied horizontal coaxial termination and 90° elbow
- Domestic hot water sensor
- Differential pressure switch (low water cutoff)
- Domestic hot water priority
- Heating supply temperature sensor
- 2 speed Boiler circulating pump (Grundfos)
- Pump and diverter valve seize protection
- 30 psi pressure relief valve
- Frost protection
- Built-in expansion tank

- Heat exchanger thermo fuse
- Two stage flue temperature sensor
- Motorized 3-way brass diverter valve
- Automatic self-diagnostics, featuring easy to view control panel with back-lit digital display that pinpoints operational and diagnostic status and facilitates troubleshooting.
- Legionella prevention function
- All boiler piping connections are factory supplied union connections with shut off valves.

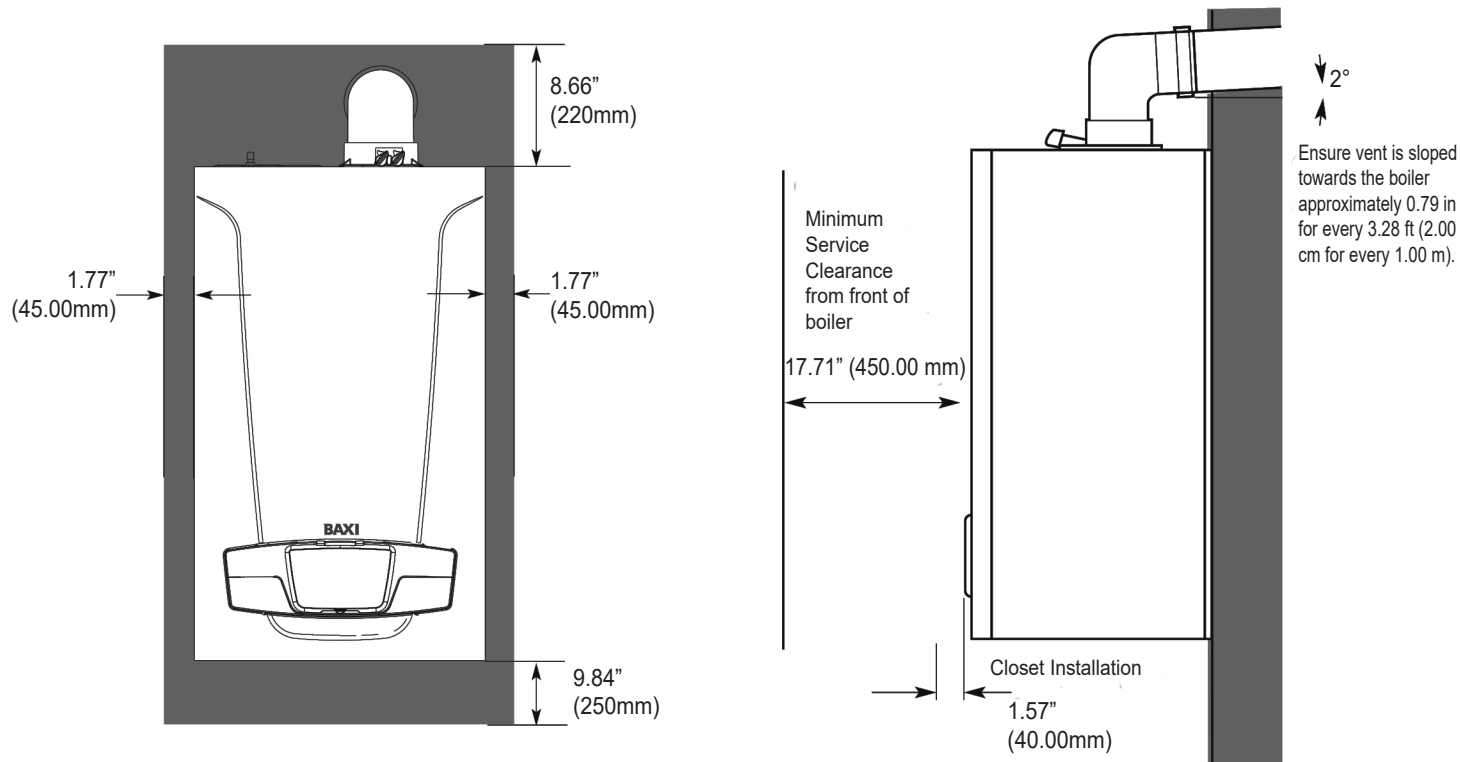
Optional Features:

- Baxi Room Unit Wi-fi thermostat
- Indirect Tank Sensor Kit
- Outdoor temperature sensor
- Coaxial to Dual flue venting system boiler adapter
- 0-10V input to manage heating set point or heating power level

BOILER DIMENSIONS



CLEARANCES



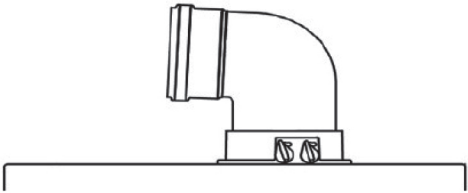
Baxi N.A. 2201 Dwyer Avenue, Utica, NY 13501
Tel. 844 422 9462
www.baxiboilers.com

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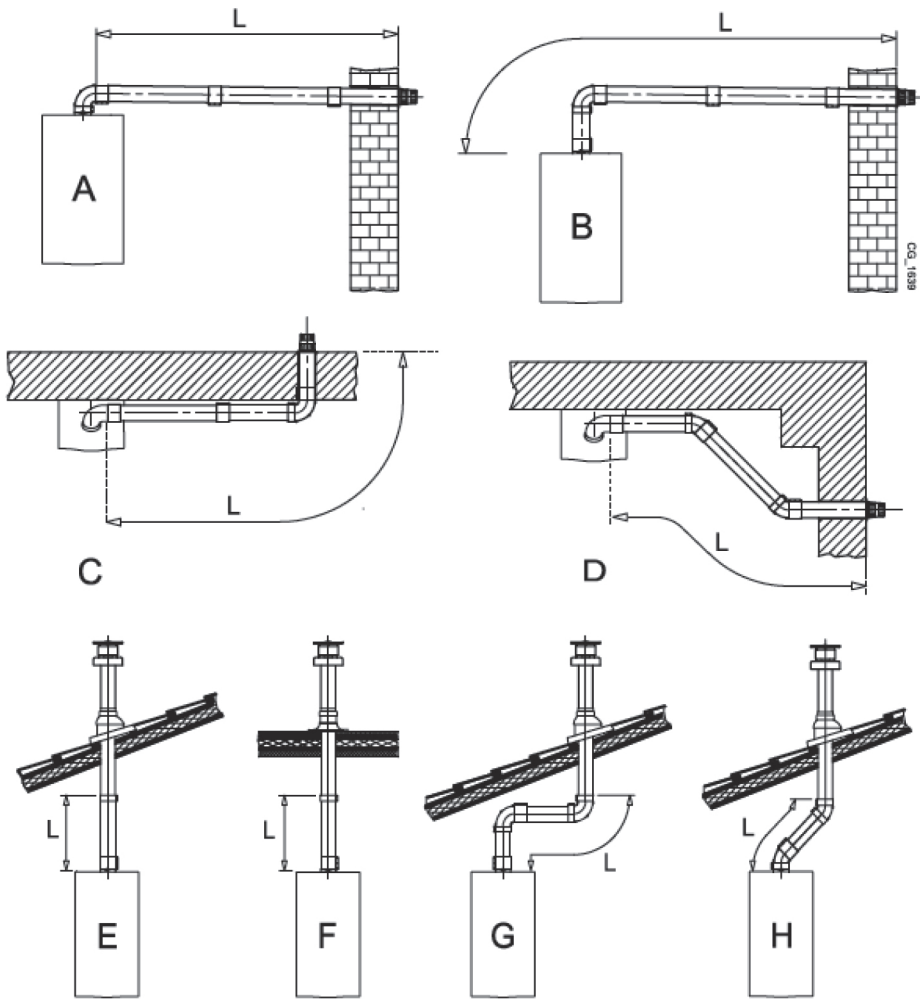
VENTING OPTIONS

Please refer to the Installation manual section 4. VENT SYSTEM for more information.

Concentric Venting - Ø 100mm/60mm



A B	Lmax = 32.80 / 10.00 m - Ø 60/100 mm
C D	Lmax = 29.52 / 9.00 m - Ø 60/100 mm
E F	Lmax = 32.80 / 10.00 m - Ø 60/100 mm
G	Lmax = 26.24 / 8.00 m - Ø 60/100 mm
H	Lmax = 29.52 / 9.00 m - Ø 60/100 mm

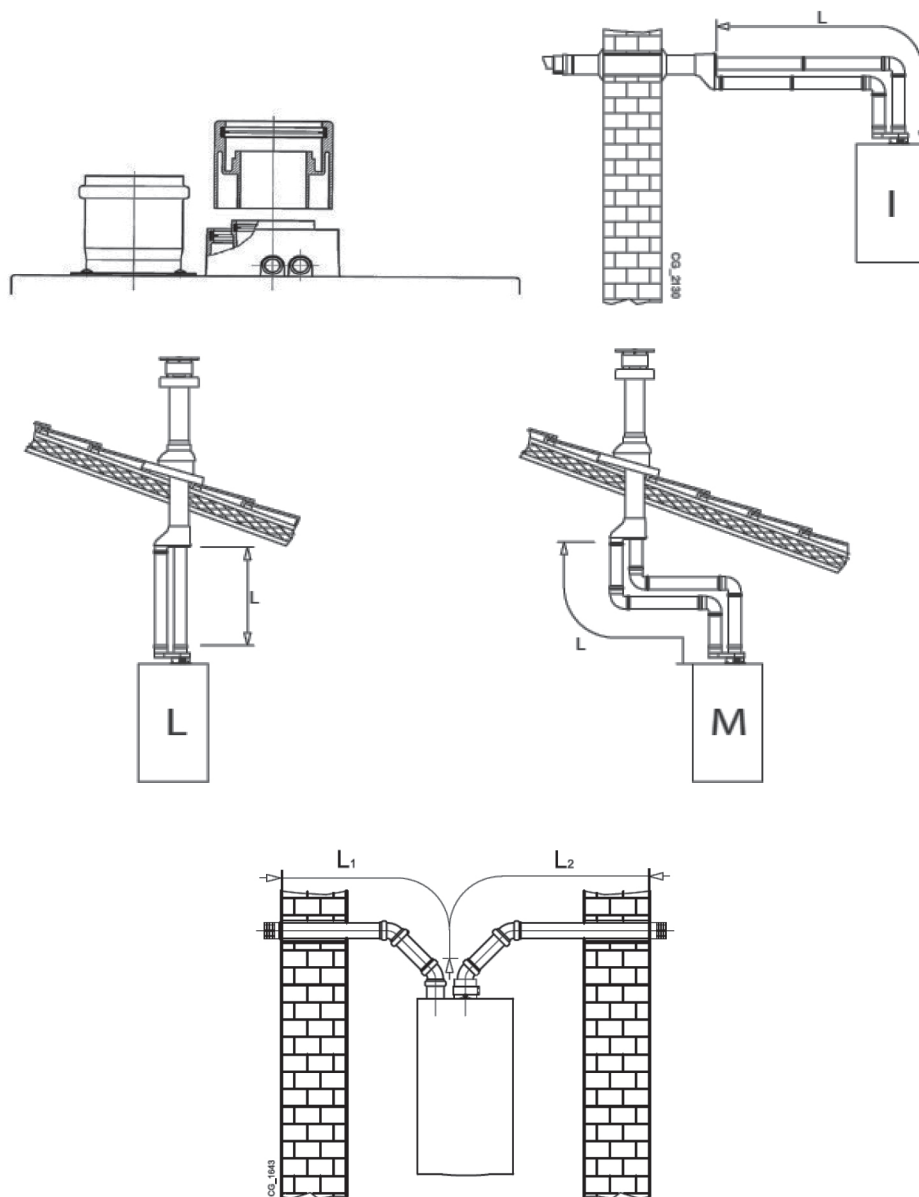


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Dual Flue Venting - BAXI Polypro Venting Ø 80mm or 3" CPVC S636

I	L max = 49.20 / 15.00 m
L	L max = 49.20 / 15.00 m
M	L max = 45.92 / 14.00 m



L1 MAX = 49.2 ft / 15.00 m
 L2 MAX = 147.6 ft./45.00 m
 L1 + L2 = 196.8 ft. / 60.00 m

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Baxi Luna Duo Tec 1.33GA			
Central Heating	MAX		MIN
Altitude (ft)	0-2000	2000-4500	-
Heat Input (BTUH)	125,908	119,766	21,838
Heat Output (BTUH)	112,601	107,141	19,108
CO ₂ Setting Natural Gas (%)	8.7	8.7	8.8
Gas Rate Natural Gas (ft ³ /h)	124.31	118.30	21.54
CO ₂ Setting LP Gas (%)	10.0	10.0	10.0
Gas Rate LP Gas (ft ³ /h)	48.38	46.28	8.48
CH Water Temp (°F)	176		
Supply Connection (inches)	3/4		
Return Connection (inches)	3/4		
Central Heating System			
Max. System Pressure (psi/bar)	30 / 2.11		
Min. System Pressure (psi/bar)	7.25 / 0.5		
Max. System Temperature (°F)	176		
Pressure Relief Setting (psi/bar)	30 / 2.11		
Recommended System Pressure Cold (psi/bar)	21.7 / 1.5		
Expansion Tank size (pre-charge pressure)	2.2 gal (US) at 11.6 psi		
Electrical			
Supply Voltage	120v 60Hz		
Power Consumption (Watts)	133		
Internal Fuse (Amps)	3.15		
General			
Gas Connection (inches)	3/4		
Lift Weight (lbs)	102.51		



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