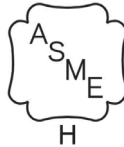




BAXI LUNA Duo-Tec 40GA

BAXI LUNA Duo-Tec 40GA Combi Condensing Gas Fired Wall Mounted Boiler



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

Built in Features:

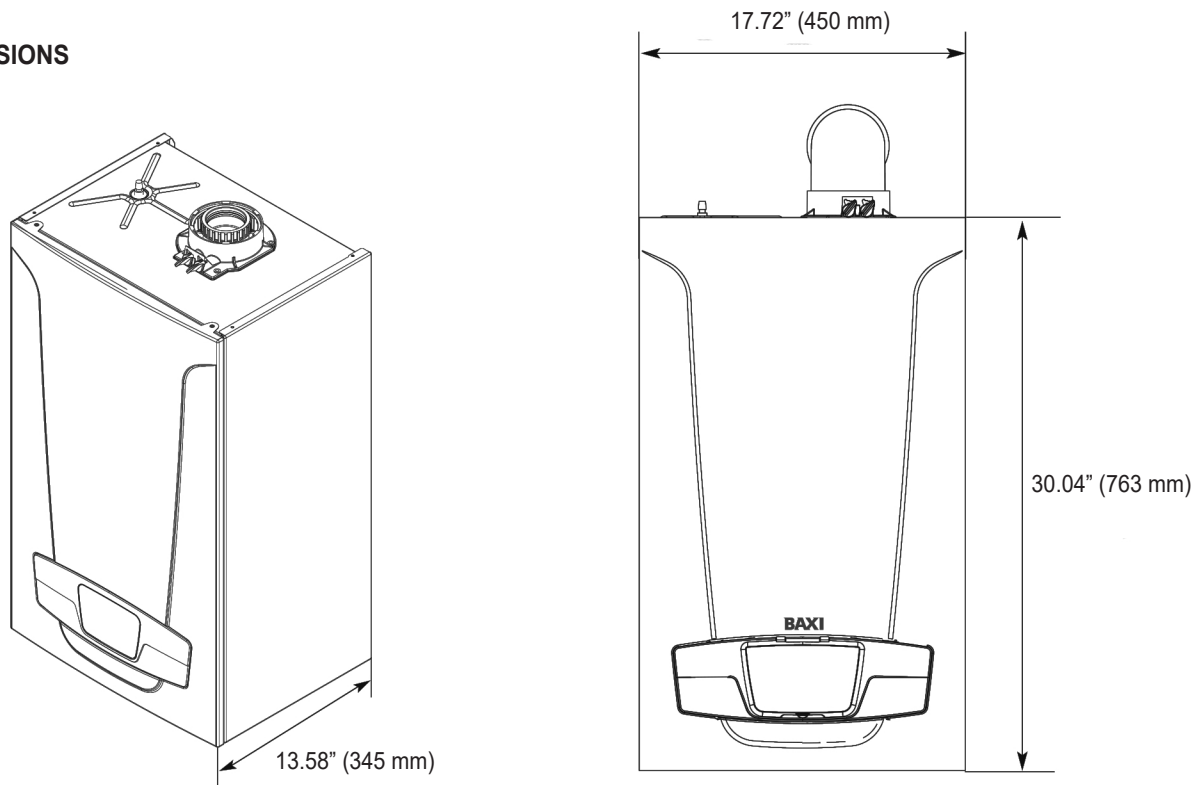
- Up to 95% AFUE
- Iron-Chromium stainless steel burner with superior resistance to high temperature scaling, embrittlement and loss of corrosion resistance
- Iron-Chromium stainless steel heat exchanger that resists corrosion and high temperature oxidation in burner and boiler applications
- Automatic 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)
- Internal stainless steel brazed plate heat exchanger for potable water
- 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
- Auto by-pass
- 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.

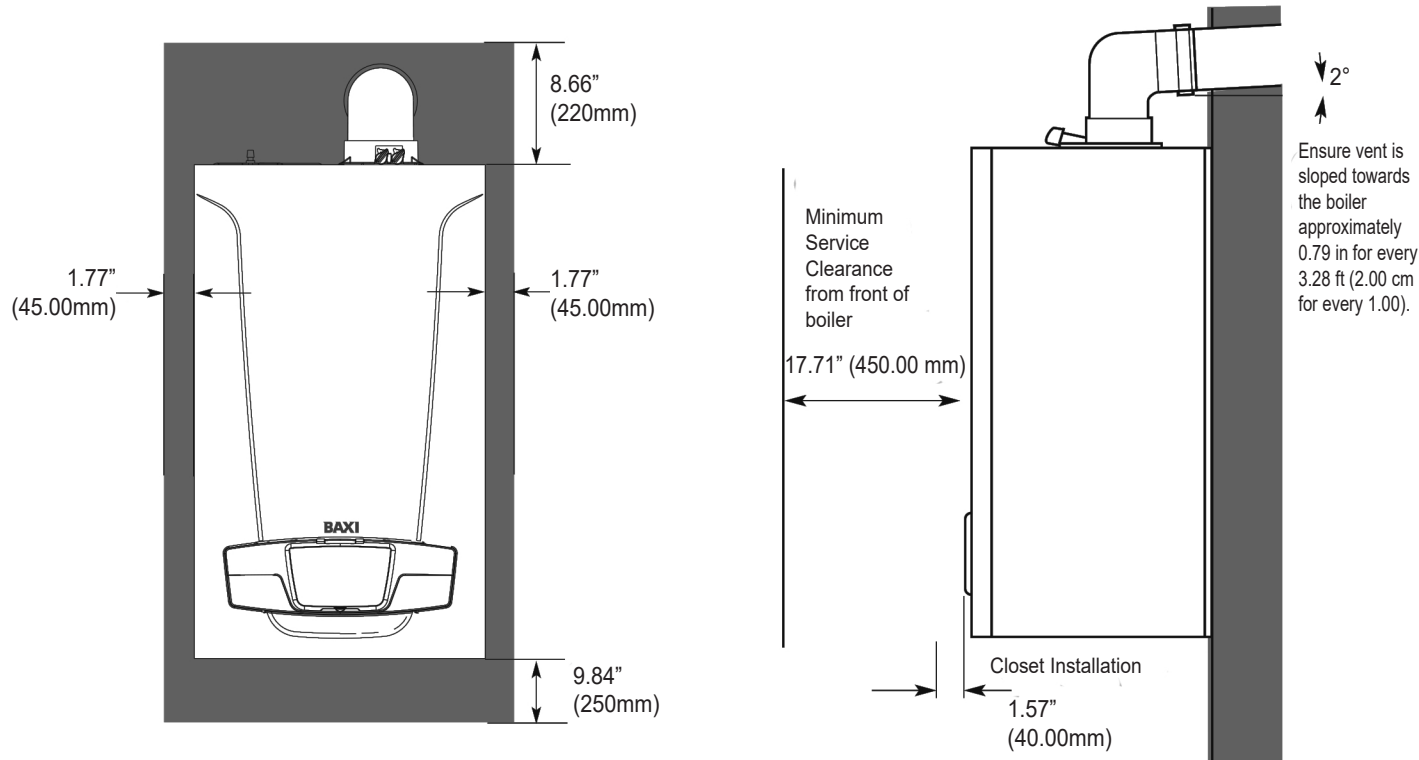
Optional Features:

- 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



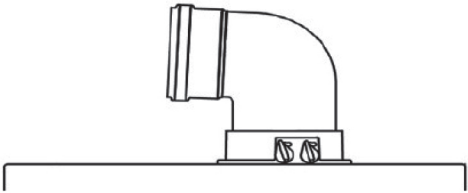
Baxi N.A. 2201 Dwyer Avenue, Utica, NY 13501
Tel. 844 422 9462
www.baxiboilers.com

All specifications subject to change without notice.
©2019 Baxi N.A.
PN 240012442 Rev. B [07/30/2019]

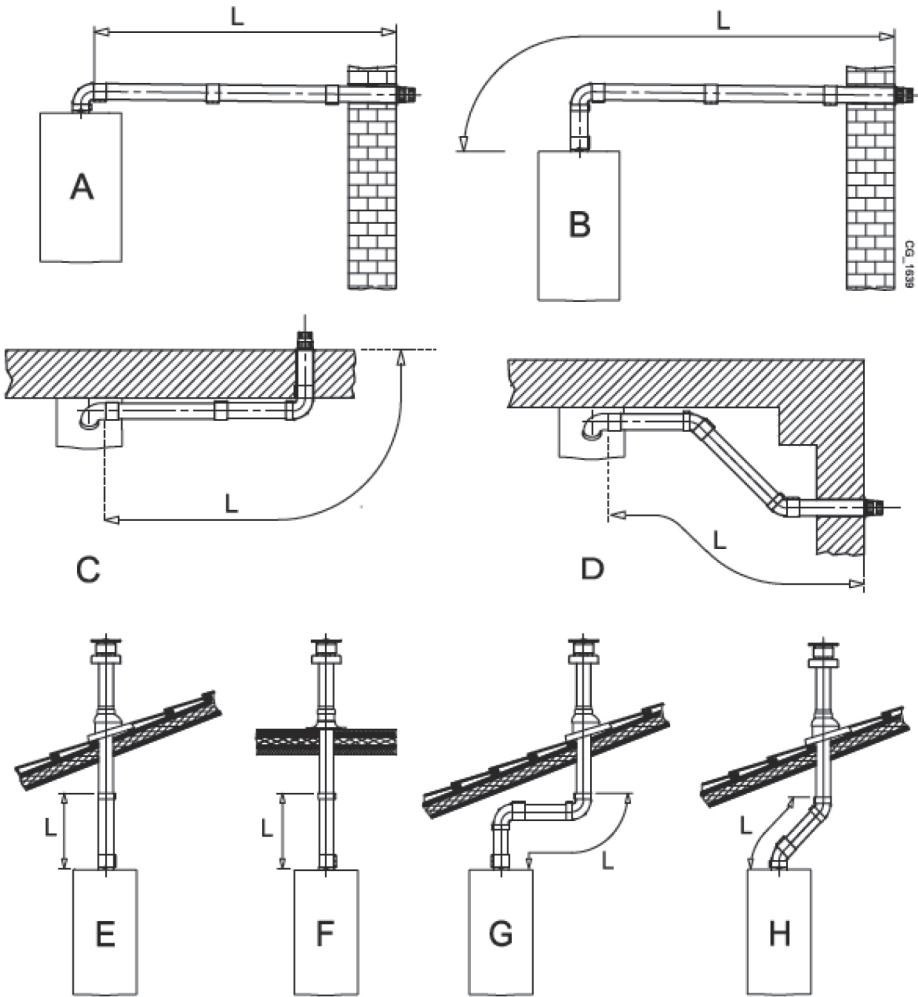
VENTING OPTIONS

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

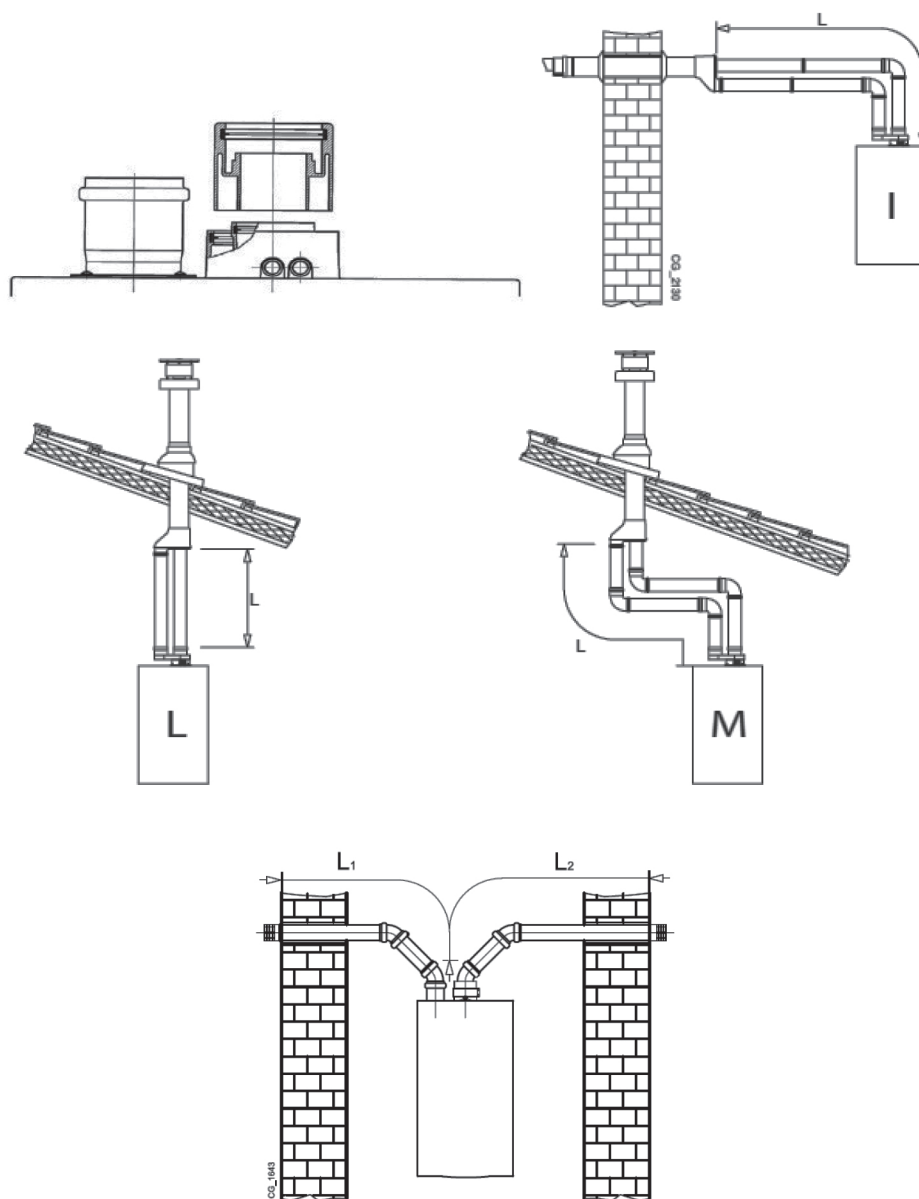


Baxi N.A. 2201 Dwyer Avenue, Utica, NY 13501
Tel. 844 422 9462
www.baxiboilers.com

All specifications subject to change without notice.
©2019 Baxi N.A.
PN 240012442 Rev. B [07/30/2019]

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

BAXI

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

All specifications subject to change without notice.
 ©2019 Baxi N.A.
 PN 240012442 Rev. B [07/30/2019]

Baxi Luna Duo Tec 40 GA			
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 (%)	9.0	9.0	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	46.26	8.48
CH Water Temp (°F)	176		
Supply Connection (inches)	3/4		
Return Connection (inches)	3/4		
Domestic Hot Water	MAX		MIN
Altitude (ft)	0-2000	2000-4500	-
Heat Input (BTUH)	152,864	145,698	21,838
Heat Output (BTUH)	136,486	130,003	19,108
CO ₂ Setting Natural Gas (%)	9.0	9.0	8.8
Gas Rate Natural Gas (ft ³ /h)	150.79	143.73	21.54
CO ₂ Setting LP Gas (%)	10.0	10.0	10.0
Gas Rate LP Gas (ft ³ /h)	58.98	55.80	8.48
Min Domestic Flow Rate (gpm)	0.55		
Max. Domestic Flow Rate at a 70°F rise (gpm)	3.90		
Domestic Hot Water (°F)	140		
Domestic Cold Water Inlet (inches)	1/2		
Domestic Hot Water Outlet (inches)	1/2		
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		
Domestic Hot Water			



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

All specifications subject to change without notice.
©2019 Baxi N.A.
PN 240012442 Rev. B [07/30/2019]

Max. Inlet Water Pressure	116 psi / 8 bar
Min. Inlet Water Pressure	2.9 psi / 0.2 bar
Min. DHW Flow Rate	0.55 gpm / 2.50 l/min
Max. DHW Temperature	140°F / 60°C
DHW Water Content	0.05gal / 0.23 L
Electrical	
Supply Voltage	120v 60Hz
Power Consumption (Watts)	142
Internal Fuse (Amps)	3.15
General	
Gas Connection (inches)	3/4
Lift Weight (lbs)	102.51



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

All specifications subject to change without notice.
©2019 Baxi N.A.
PN 240012442 Rev. B [07/30/2019]