

# GC124 Cast Iron Residential Gas Boiler

# Buderus



## Thinking Replacement? Think Buderus!

- Stainless Steel corrosion resistant premix Burners
- GL180M Flexible Cast Iron
- Standing Pilot or Electronic Ignition Models Available
- Side Piping Design for Convenient Installation in the Retrofit Boiler Market
- 3 Models with Inputs from 74,000 to 132,000 BTUH

**Comfortable. Efficient. Intelligent Heating.**

ESTABLISHED 1731

**275**  
YEARS

**Buderus**

# GC124

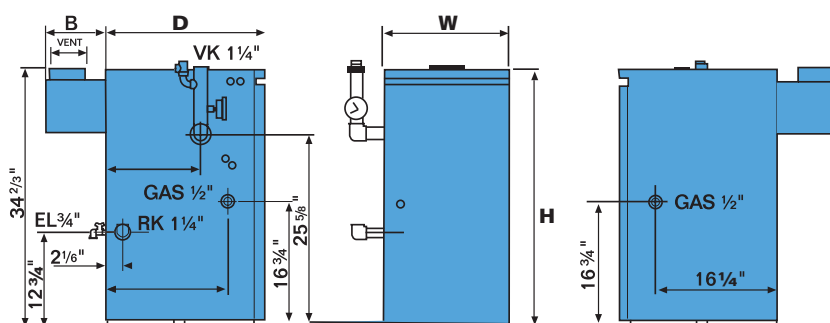
## Cast Iron Residential Gas Boiler

**Designed and manufactured by the world leader in hot water heating.**



The Buderus GC124 boiler is a compact, modular boiler with all the features and benefits Buderus customers have come to expect. Designed for replacement applications, the GC124 is capable of delivering AFUE efficiencies up to 84%, with heating capacities of 74,000 thru 132,000 BTUH. All GC124 boilers are CSA approved for installation on combustible floors and are available with either standing pilot or electronic ignition.

The GC124 features Buderus' patented GL180M Flexible Cast Iron and unique stainless steel premix Burners for maximum corrosion resistance. Additional standard equipment on the GC124 includes high precision castings with threaded steel nipples, Honeywell aquastat, tridicator gauge, 30 psi relief valve, a circulator with a 3" whip and a built-in draft hood with integral draft diverter. All models are shipped ready for natural gas operation, and can be easily field converted to LP gas operation using optional conversion kit.



### Intermittent Ignition with Vent Damper for Conventional Chimney Venting

	GC124/3 II	GC124/4 II	GC124/5 II
Input BTUH	74,000	103,000	132,500
D.O.E. Capacity BTUH	61,400	85,500	110,000
A.F.U.E. %	84	84	84
Dimensions (H x W x D)	34 <sup>3</sup> / <sub>8</sub> " x 13 <sup>1</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "	34 <sup>3</sup> / <sub>8</sub> " x 16 <sup>3</sup> / <sub>4</sub> " x 21 <sup>1</sup> / <sub>2</sub> "	34 <sup>3</sup> / <sub>8</sub> " x 20 <sup>3</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "
Piping Connections Supply	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT
Piping Connections Return	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT
FLUE (Vent/B)	5" / 8"	5" / 8 <sup>3</sup> / <sub>4</sub> "	6" / 9 <sup>1</sup> / <sub>2</sub> "
Weight in lbs.	228	287	349.5
Part No.	1-GC124-18II	1-GC124-25II	1-GC124-32II



### Standing Pilot Ignition with Vent Damper for Conventional Chimney Venting

	GC124/3 SP	GC124/4 SP	GC124/5 SP
Input BTUH	74,000	103,000	132,500
D.O.E. Capacity BTUH	61,400	85,500	110,000
A.F.U.E. %	80.9	81.7	82.4
Dimensions (H x W x D)	34 <sup>3</sup> / <sub>8</sub> " x 13 <sup>1</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "	34 <sup>3</sup> / <sub>8</sub> " x 16 <sup>3</sup> / <sub>4</sub> " x 21 <sup>1</sup> / <sub>2</sub> "	34 <sup>3</sup> / <sub>8</sub> " x 20 <sup>3</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>2</sub> "
Piping Connections Supply	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT
Piping Connections Return	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT	1 <sup>1</sup> / <sub>4</sub> " NPT
FLUE (Vent/B)	5" / 8"	5" / 8 <sup>3</sup> / <sub>4</sub> "	6" / 9 <sup>1</sup> / <sub>2</sub> "
Weight in lbs.	228	287	349.5

# Buderus

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Subject to change without notice  
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Part Number 44499027