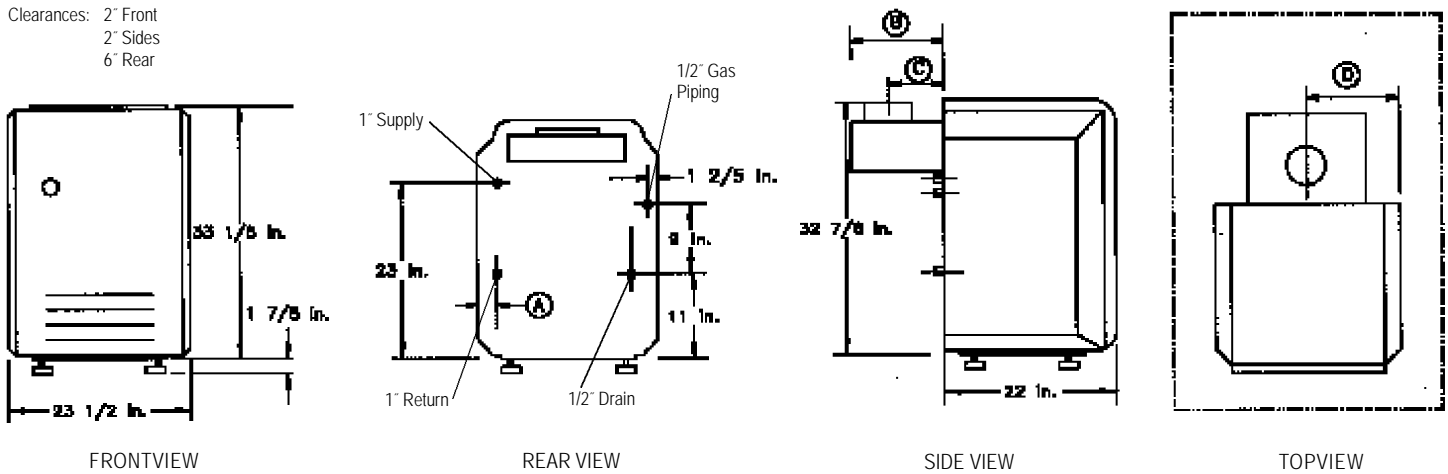


Dimensions and Technical Data for G124X Series Boilers

Clearances:
2" Front
2" Sides
6" Rear



| G124X Series | | Intermittent Ignition G124X II/DI Models | | | Standing Pilot G124X SP/DP Models | | |
|------------------------------|-----------|--|----------|----------|-----------------------------------|----------|----------|
| | | G124X/18 | G124X/25 | G124X/32 | G124X/18 | G124X/25 | G124X/32 |
| Input | Btu/hr | 74,000 | 103,000 | 132,500 | 74,000 | 103,000 | 132,500 |
| Output | Btu/hr | 61,400 | 85,500 | 110,000 | 61,400 | 85,500 | 110,000 |
| AFUE | II Models | 84.3% | 84.2% | 84.6% | 81.5% | 81.5% | 81.5% |
| AFUE | DI Models | 84.2% | 84.6% | 83.4% | 81.5% | 81.5% | 81.5% |
| Vent Size | Inch | 5 | 5 | 6 | 5 | 5 | 6 |
| Dry Weight | Lbs | 224 | 280 | 332 | 224 | 280 | 332 |
| Water Content | Gal | 2.5 | 3.0 | 3.5 | 2.5 | 3.0 | 3.5 |
| Number of Burners | | 2 | 3 | 4 | 2 | 3 | 4 |
| Pres. Drop @ 20°F ΔT (In WC) | | 18.8 | 22.9 | 32.2 | 18.8 | 22.9 | 32.2 |
| Dimension A | Inch | 8 3/4 | 5 1/8 | 1 5/8 | 8 3/4 | 5 1/8 | 1 5/8 |
| Dimension B | Inch | 7 1/4 | 8 1/8 | 9 | 7 1/2 | 8 1/8 | 9 |
| Dimension C | Inch | 4 1/2 | 5 1/8 | 5 1/8 | 4 3/4 | 5 1/8 | 5 1/8 |
| Dimension D | Inch | 15 | 13 1/2 | 11 1/2 | 15 1/2 | 13 1/2 | 11 1/2 |

Venting Requirements:

Atmospheric Venting Models:

Slope vent pipe up to chimney at least 1/4" per foot.
Minimum 6" clearance between venting and combustibles.
Maintain vent size; install per National Fuel Gas Code, ANSI Z223.1

Draft Induced Models:

Use 3" AL 29-4C for venting material.
Draft inducer, fan connector and termination provided.
Maximum total pipe run: 25 feet total equivalent length.
90° elbow equal to 3 feet.
Slope pipe upward from boiler at 1/4" per foot, last run down at 1/4" per foot.
Use high temperature silicone (G.E. 106 or equivalent) for sealing of vent components.

Buderus
HYDRONIC SYSTEMS

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