

BW

Solid fuel combustion boilers

BW24 & BW36

THERMO 2000's BW24 and BW36 boilers control and transfer heat generated by wood combustion.

Available in two sizes to meet your needs in residential and commercial applications.

Each models has a patented injection system and a combustion chamber with a double wall water jacket that heats water from wood combustion to meet your residential and commercial needs

Dependable and highly efficient in hydronic applications (hot-water radiators, heating coils, warm air systems or TURBOMAX™ indirect water heaters).



Model BW36



Innovator in optimal heat exchange

1-888-854-1111
www.thermo2000.com

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Physical characteristics

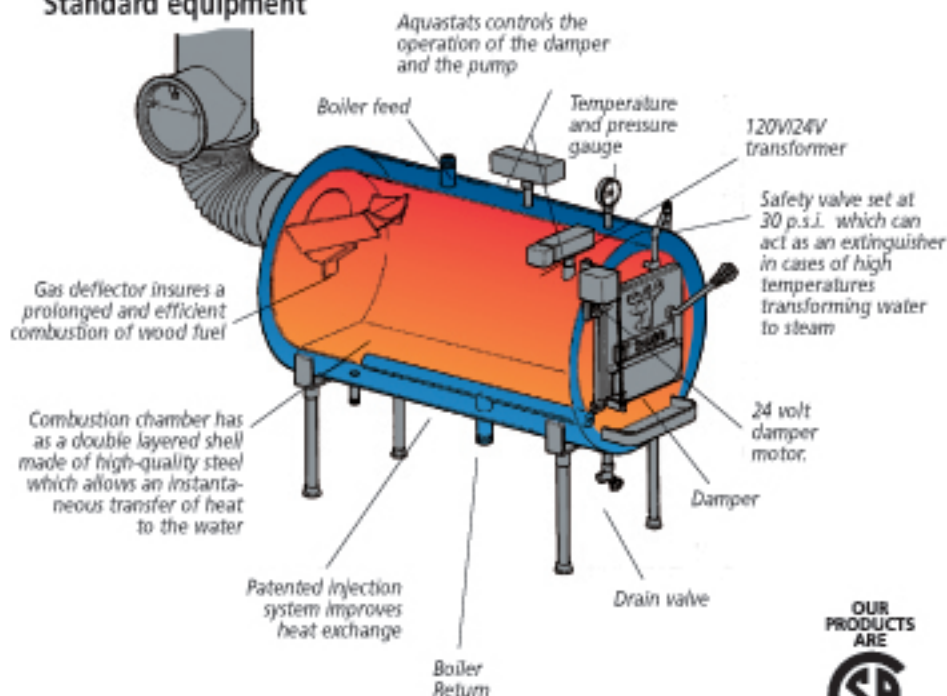
| Model | Power Gross BTU/h | Combustion chamber dimension | | | Flue pipe |
|-------|-------------------|------------------------------|-------|-------|-----------|
| | | Height | Width | Depth | |
| BW24 | 75 000 | 15" | 19" | 22" | 8" |
| BW36 | 100 000 | 15" | 19" | 34" | 8" |

Comparison table: energy equivalences

Gallons of fuel vs woodtype (at 100% efficiency)

| Woodtype | Average of energy stocked BTU/cord | Heating fuel N°2 equivalence N° of gallons per cord |
|-------------|------------------------------------|---|
| Hard maple | 29 000 000 | 207 |
| Beech | 28 000 000 | 200 |
| Oak | 27 000 000 | 193 |
| Birch | 26 000 000 | 186 |
| Soft maple | 24 000 000 | 171 |
| Elm | 24 000 000 | 171 |
| Ash | 23 000 000 | 164 |
| Tamarack | 23 000 000 | 164 |
| Fir, spruce | 18 000 000 | 129 |
| Pine | 17 000 000 | 121 |

Standard equipment



Dimensions

| | BW24 | BW36 |
|-----------|---------|---------|
| Height | 40" | 40" |
| Width | 24" | 24" |
| Depth | 34" | 45" |
| Ship Wgt. | 325 lbs | 395 lbs |

Connections

| | |
|---------------|-------------|
| Boiler return | 1 1/4" NPTM |
| Boiler feed | 1 1/4" NPTM |
| Waterworks | 3/4" NPTF |
| Safety valve | 3/4" NPTF |
| Drain valve | 1/2" NPTF |

10-year warranty* on the reservoir and 1-year on all electrical and mechanical components.

*Please consult the terms of the warranty.



Optional equipment:
Dual energy controller
• Wood / Electric
• Wood / Heating oil



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