

"Miniature Steam" 3" Center Flue Boilers



3" Horizontal Boiler: P/N 4060

- including Ceramic Burner, Safety Valve, Wood Lagging Kit, Pressure Gauge & Boiler Test Certificate

Overall Dimensions:

Diameter 3 inch 76.2 mm
Width including stand 3.5 inch 90 mm
Height top of steam pressure gauge 4.9 inch 125 mm
Height top of steam flue 8.7 inch 220 mm
Length without burner 5.9 inch 150 mm
Length with burner attached 7.3 inch 185 mm
Weight dry 1.2 kg
Working pressure 60 psi (4 bar), (400 kPa),
Test pressure 120 psi (8 bar) (800 kPa)



3" Vertical Boiler: P/N 4059

- including Ceramic Burner, Wood Lagging Kit, Safety Valve, Pressure Gauge & Boiler Test Certificate.

Overall Dimensions:

Cylinder Diameter 3 inch 75 mm
Overall Diameter 4.25 inch 105 mm
Height of Boiler 5 inch 125mm
Height to top of steam cock 6.25 inch 160 mm (approx.)
Height to top of steam flue 9.25 inch 235 mm
Weight dry 1.02 kg
Working pressure 60 psi (4 bar), (400 kPa),
Test pressure 120 psi (8 bar) (800 kPa)



Lagging Kit:

Each boiler is delivered with a wood lagging kit as shown plus fitting instructions.



Design & Construction Standards:

"Miniature Steam", boilers are built to the highest quality standards. They are manufactured to comply with the relevant sections of the Australian Miniature Boiler Safety Committee (AMBSC) Code Part 1 -.Issue 7 - 2001 Copper Boilers. "Miniature Steam", Boilers also comply with Australian Standard AS 4343 Hazard level E. Every aspect of the boilers has been carefully designed and rigorously tested to meet the highest possible steam generation performance. Each has been designed and manufactured by "Miniature Steam", including the cast ceramic burner insert.

The AMBSC standards are recognised through the world as the most stringent for model boilers.

1 1/4" Ceramic Burner Assembly P/N 4016

This center flue burner has been specifically designed for "Miniature Steam" 3" Center Flue boilers but could be useful for other similar flue boilers.

A key feature is the use of a cast ceramic burner insert, designed and manufactured by "Miniature Steam", which has a specific port pattern for each size of burner, enabling highly efficient combustion. It requires a maximum 70/30 Butane/Propane gas mix or Butane/ISO Butane/Propane mix.



Materials Used

All "Miniature Steam" boilers are hand crafted from copper and copper alloys silver soldered together. Each boiler is hydraulically tested to twice its working pressure and comes complete with a test certificate. They have unique mounting systems that enables them to be mounted in any convenient location within the boat hull. The pressure gauge shown is standard for this boiler

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