

Caltherm Basic

Medium Efficiency Steel Boilers (Natural Draught)

Up to 45 kW
Manual loading
Two pass flue circulation



- Compact solutions for manually loaded boilers, ideal for DIY and wholesaler channels
- Suitable for firing wood logs, brown coal, and lignite
- High heating surface and high fuel loading volume result in high efficiency and longer combustion periods
- Natural draught combustion controlled by primary air regulation via thermostatic controller
- Easy loading and boiler cleaning due to properly sized front doors
- Cast iron bottom grade for long operation life
- Scaled thermometer to monitor boiler outlet temperature
- Optional cooling loop for protection against over-heating
- Reliable materials, approved production quality and good finishing
- CE approval on Pressure Equipment Directive (97/23/EC)

Models		Caltherm Basic			
Types		CT 23 B	CT 28 B	CT 35 B	CT 45 B
Output	kW	23	28	35	45
	kcal/h	20.000	24.000	30.000	40.000
Water Content	lt	68	75	85	95
Combustion chamber dimensions	Height	480			
	Width	375			
	Depth	370	430	525	620
Fuel loading clearance (upper door)	mmxmm	375 x 280			
Max. Fuel loading height (for log wood)	mm	400			
Temperature control range	°C	30 to 90			
Maximum operating temperature	°C	100			
Minimum return temperature	°C	50 (recommended)			
Maximum operating pressure	bar	2,5			
Water flow/return connections (D)	R	2"			
Safety heat exchanger connection	R	1 1/2"			
Filling / draining connection	R	1/2"			
External dimensions	Height (H)	1073			
	H1	190			
	H2	320			
	H3	985			
	H4	1093			
	Width (W)	530			
	Length (L)	mm	460	523	623
L1	mm	610	588	688	783
Flue outlet diameter (D)	mm	160			

Technical Data

* Caldera Heating Group reserves the right to make changes on product dimensions and general view without prior notice

