

Caltherm S

High Efficiency Steel Boilers (Natural Draught)

Up to 70 kW
Manual loading
Three pass flue circulation



- Compact and high efficiency solutions for manually loaded boilers
- 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
- Manual adjustment on secondary air for better combustion and flue emissions
- 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)

Technical Data

Models		Caltherm S						
Types		CT 17 S	CT 25 S	CT 35 S	CT 45 S	CT 55 S	CT 70 S	
Output	kW	17	25	35	45	55	70	
	kcal/h	14.600	22.000	30.000	40.000	48.000	60.000	
Water Content	lt	58	66	75	85	105	120	
Combustion chamber dimensions	Height	490						
	Width	330		420		480		
	Depth	381	525		621		765	
Fuel loading clearance (upper door)	mmxmm	330 x 215		420 x 215		480 X 265		
Max. Fuel loading height (for log wood)	mm	400						
Temperature control range	°C	30-90						
Maximum operating temperature	°C	100						
Minimum return temperature	°C	50 (recommended)						
Maximum operating pressure	bar	2,5						
Water flow/return connections (D)	R	1"			1 ¼"			
Safety heat exchanger connection	R	1 ½"						
Filling / draining connection	R	½"						
External dimensions	Height (H)	1090					1180	
	H1	215						
	H2	230						
	H3	1000				1100		
	H4	1125					1215	
	Width (W)	490		580		640		
Length (L)	mm	490	630		730		870	
	L1	630	770		870		1010	
Flue outlet diameter (D)	mm	160			180			

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

