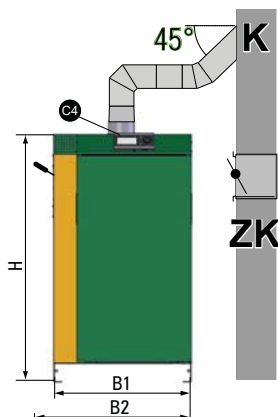


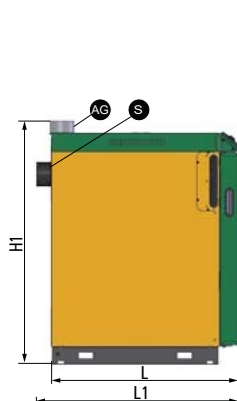
KWB CLASSICFIRE CF1

INSTALLATION AND CONNECTING DIMENSIONS

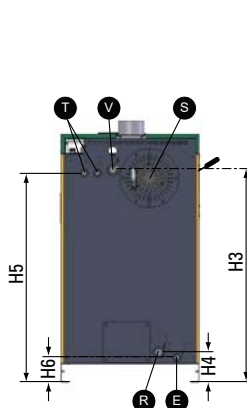
FRONT VIEW



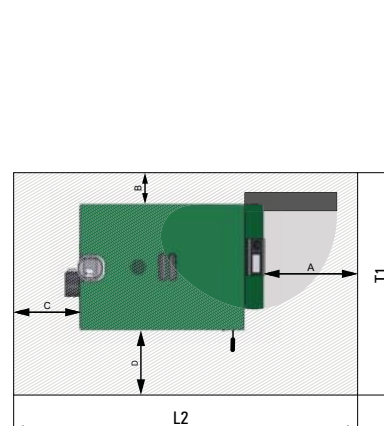
SIDE VIEW



REAR VIEW



PLAN VIEW



LEGEND

V	Boiler & storage tank forward flow	Sleeve 1"
R	Boiler & storage tank return flow	Sleeve 1"
E	Emptying	Sleeve ½"
T	Connection, safety battery	Sleeve ½"
AG	Exhaust gas connection (outside diameter)	129
S	Induced draught fan	-
C4	Operating panel KWB Comfort 4 control	-
L	Heating system length	1,000
L1	Total length incl. induced draught fan	1,080
L2	Total length incl. minimum distances	> 2,220
B	Width, boiler	685
B1	Width, boiler incl. cleaning lever	790

H	Height of the heating system	1,235
H1	Total height incl. exhaust gas nozzle	1,300
H3	Connection height, forward flow	1,055
H4	Connection height, return flow	150
H5	Connection height, safety battery	1,040
H6	Height, emptying	125
T1	Total width incl. minimum distances	> 1,385
A	Insulation door to the wall	800
B	Boiler side to the wall	200 (500*)
C	Rear side to the wall	400
D	Boiler side to the wall	200 (500*)

* The heating should be placed on one side (B or D) at a distance of at least 500 mm to the wall to ensure easy access to the heating system connection and for maintenance work.

DIMENSIONS FOR BOILER TRANSPORT AND PLACEMENT

KWB CLASSICFIRE 1	
Delivery condition	1,000x685x1,230

All dimensions in mm | Length x Width x Height | Distances stated are minimum!

KWB CLASSICFIRE CF1

TECHNICAL DATA

CF1	Unit	15	20
Rated power	kW	15,0	20,0
Boiler efficiency at rated power	%	92,6	92,3
Fuel thermal output at rated power	kW	16,2	21,7
Full load burning period: Beech	h	4,9 - 7,0	3,5 - 5,0
Spruce		3,0 - 4,2	2,1 - 3,0
Boiler class according to EN 303-5:2012	–	5	5
EU Energylabel ²	–	A+	
Water side			
Water content	l	90	
Water connection, forward/return flow (internal	inch	1	
Water connection for filling and/or emptying	inch	1/2	
Water-side resistance at 20 K	mbar	0,5	1,5
Boiler-entry temperature	°C	60	
Working temperature/operating temperature	°C	90	
Maximum operating pressure	bar	3	
Buffer tank required	–	✓	
Minimum usable buffer tank volume ³	l	825	1100
Recommended usable buffer tank volume	l	1000	1500
Exhaust-gas side (data for chimney design)			
Required draft at rated power/partial load	mbar	0,08	
Induced draught required	–	✓	
Exhaust-gas temperature at rated power	°C	150	170
Exhaust-gas mass flow at rated power	kg/h	36,0	46,8
Exhaust-gas mass flow at rated power	kg/s	0,010	0,013
Chimney connection height	mm	1395	
Exhaust pipe diameter (outer)	mm	129	
Chimney diameter (minimum)	mm	150	
Chimney design: moisture-resistant	–	✓	
Electrical system			
Connection	–	230V, 1~ 50Hz, C13 A	230V, 1~ 50Hz, C13 A
Unit switch and main switch: present	–	✓	
Elektrisk effekt ved nominel last	W	41	42
Energy requirement standby	W	9	
Weights			
Total weight	kg	455	465
Noise emissions (EN 15036-1)			
Normal operating noise at rated power	dB(A)	< 70	
Fuel			
Permitted fuels: log wood A2 / D15 L50 acc. to EN	–	✓	
Maximum length log-wood	cm	55,0	
Maximum water content (fresh weight)	kg/kg	≤ 25	
Fill area			
Fill area volume	l	80	
Width of fill doors	mm	350	
Height of fill doors	mm	360	

¹⁾ with partial load test²⁾ energy efficiency index of the integrated unit comprising solid³⁾ according to BAFA (55 litres/kW)