

# Combi systems type M – 800 L & 1400 L

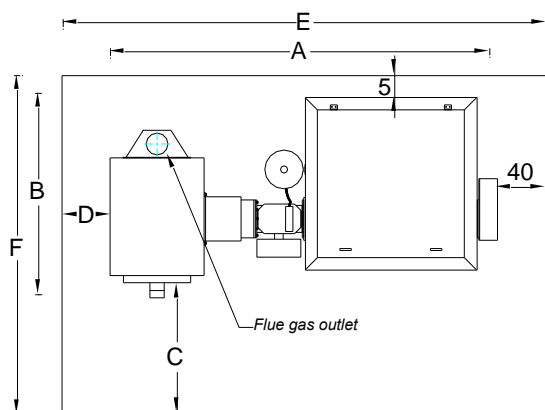
## Technical data

		M20i	M40i	M80i
Output with wood pellets (with approx. 7% water)	kW	29	48	80
Output with wood chips (with approx. 25% water)	kW	24	37	64
Output with grain (with approx. 15% water)	kW	24	37	64
Minimum output at pause firing*	kW	1,5	2,5	3,5
Efficiency at nominal output	%	88,0	90,0	90,7
Efficiency at partial load**	%	89,0	89,1	88,6
Fire box volume (boiler)***	Ltr.	190	290	490
Fire box dimensions BxHxD	mm	440x580x700	440x580x1100	740x580x1100
Heating surface boiler	m <sup>2</sup>	3,5	5,6	9,1
Water content boiler	Ltr.	170	300	350
Flue gas outlet	mm	155	187	215
Supply connection	-	1"	1½"	2"
Return connection	-	1"	1½"	2"
Sprinkler connection	-	½"	½"	½"
Necessary chimney draught	Pa	12	15	20
Mains connection: 3x400V+0+PE - 10A	-	-	-	-
Power consumption	W	110	110	150

\* Indicative minimum load at pause firing

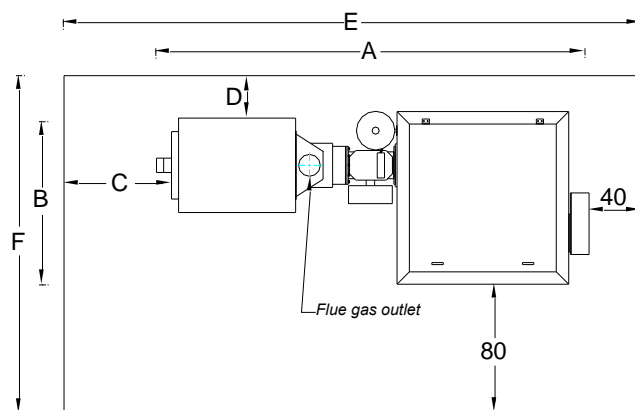
\*\* Partial load is less than 30% of nominal load (measured at The Danish Technological Institute)

\*\*\* Specified with exterior mounted fire tube



Boiler room seen from above. Stoker inlet in the side. Dimensions in cm.

	System dim.		Free room		Recom. Boiler room	
	A	B	C	D	E	F
<b>M20i</b>	272	140	120	7	319	254
<b>M40i</b>	297	164	160	10	347	311
<b>M80i</b>	357	171	160	10	407	311



Boiler room seen from above. Stoker inlet in the back. Dimensions in cm.

	System dim.		Free room		Recom. Boiler room	
	A	B	C	D	E	F
<b>M20i</b>	304	121	120	7	453	208
<b>M40i</b>	371	121	160	10	561	211
<b>M80i</b>	407	133	160	10	591	223