

Technical data

		MCS 20i	MCS 40i	MCS 80i
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 ²	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"
Auger connection		OK180/225	OK180/225	OK180/225
Necessary chimney draft	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

Measures - Stoker inlet in the side

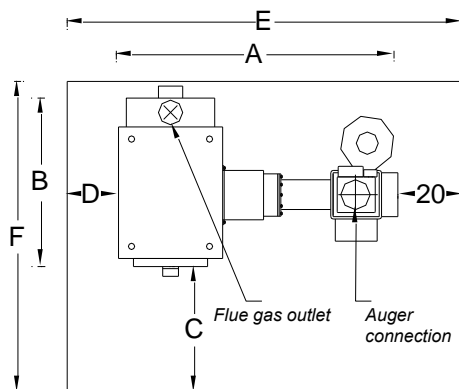
	System dim.		Free room		Recom. Boiler room	
	A	B	C	D	E	F
MCS 20i	177	116	120	7	204	236
MCS 40i	204	164	160	10	234	324
MCS 80i	263	171	160	10	293	331

Measures in cm.

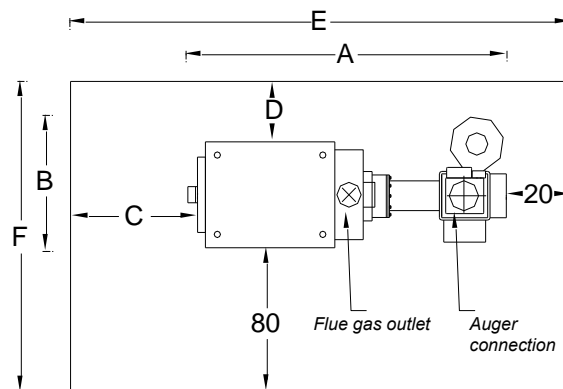
Measures – Stoker inlet in the back

	System dim.		Free room		Recom. Boiler room	
	A	B	C	D	E	F
MCS 20i	192	77	120	12	332	158
MCS 40i	235	77	160	12	415	158
MCS 80i	272	96	160	10	452	186

Measures in cm.



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



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