



Technical Data

Sherborne SE - Performance and General Data

	Model	SE64he	SE71c	
Energy	Building regulations seasonal efficiency (%) gross	87.1	96.6	
	Boiler output 80/65°C	kW	64	66.6
		Btu/h x 1000	218	227
	Boiler output 50/35°C	kW	-	71.3
		Btu/h x 1000	-	243
	Boiler input (gross) Maximum	kW	77.7	
		Btu/h x 1000	265	
Boiler input (net) Maximum	kW	70		
	Btu/h x 1000	239		
Boiler output Minimum 80/65°C	kW	13.6		
	Btu/h x 1000	46		
Water	Water content (not including headers) litres	4	5	
	System design flow rate @ 11°C ΔT rise l/s	1.39	1.45	
	Waterside pressure loss @ 11°C ΔT rise	mbar	220	520
		kPa	22	52
	System design flow rate @ 15°C ΔT rise l/s	1.02	1.05	
	Waterside pressure loss @ 15°C ΔT rise	mbar	120	280
		kPa	12	28
Maximum water pressure Bar g	7			
Maximum water flow temperature °C	90			
Gas	Gas flow rate natural gas (G20) - Maximum m³/h	7.4		
	Nominal gas inlet pressure natural gas (G20) mbar	20		
	Maximum gas inlet pressure natural gas (G20) mbar	25		
Flue	Approx. flue gas volume @ 15°C, 9%CO ₂ , N.T.P m³/h	114	90	
	Maximum flue gas temperature °C	140	65	
	NO _x Emission (DAF) European Class 5 mg/kWh	44		
	Pressure at flue outlet	Pa	100	
mbar		1		
Connections	Water flow/return connections	R 1¼"		
	Gas inlet connection	Rp ¾"		
	Nominal flue diameter (I/D) concentric through rear mm	80/125		
	Nominal flue diameter (I/D) concentric through top mm	100/150		
	Nominal flue diameter (I/D) twin duct through top mm	2 x 100		
	Condensate trap connection (O/D) mm	32		
Electrics	Power consumption - maximum W	175		
	Nominal supply voltage	230V 1PH 50Hz		
	Module start current	Start Amps	< 1.0 Amp	
		Run Amps	< 1.0 Amp	
Approx. shipping weight	kg	111	115	
	Noise emission @ 1m	Max dB (A)	55	
		Min dB (A)	53	