

Specifications for Promax System

Potterton Promax System						
	Units	12	15	18	24	32k
Sales code		7219457	7219458	7219459	7219460	7219461
Controls						
Concealed user controls		Yes	Yes	Yes	Yes	Yes
Operating mode selector switch with reset		Yes	Yes	Yes	Yes	Yes
User adjustable CH temperature		Yes	Yes	Yes	Yes	Yes
LED operating status display		Yes	Yes	Yes	Yes	Yes
Gas						
Gas (natural gas/LPG)		NG	NG	NG	NG	NG
Inlet supply pressure	mbar	20	20	20	20	20
Maximum gas rate	m3/hr	1.31	1.69	1.95	2.61	3.48
Heat input central heating (CH)	kW Max Gross (QnHs)	13.8	17.1	20.5	27.4	36.4
	kW Min Gross (QnHs)	4.4	4.0	4.5	7.8	10.8
Heat output CH non-condensing	kW Max (Pn)	12.4	15.4	18.5	24.7	36.4
	kW min (Pn)	3.9	3.9	4.2	6.8	9.4
Heat output CH condensing	kW max (Pnc)	13	16.2	19.4	25.9	34.4
	kW min (Pnc)	4.2	4.2	4.5	7.4	10.2
SAP 2009/2012 annual efficiency (PCDB/SEDBUK)	%	89.0	89.0	89.0	89.0	89.0
NOx class		5	5	5	5	5
ErP product information						
NOx	mg/kWh	15	25	29	20	24
Sound power level, indoors	LWA DB	55	52	53	58	54
Space heating efficiency class		A	A	A	A	A
EcoHomes	Credits	3	3	3	3	3
Electrical						
Electrical supply	Volts/Hz	230/50	230/50	230/50	230/50	230/50
Permanent live required		Yes	Yes	Yes	Yes	Yes
Power consumption	Watts	110	95	105	115	125
External fuse rating	Amps	3	3	3	3	3
Boiler IPX rating (electrical protection)		IPX5D	IPX5D	IPX5D	IPX5D	IPX5D
Integral 'boiler only' frost thermostat		Yes	Yes	Yes	Yes	Yes
Mechanical						
Wall mounting jig		Yes	Yes	Yes	Yes	Yes
Isolating valves		Yes	Yes	Yes	Yes	Yes
Gas supply connection	mm	22	22	22	22	22
Central heating connections	mm	22	22	22	22	22
Condensate drain connection	mm	21.5	21.5	21.5	21.5	21.5
Safety discharge connection	mm	15	15	15	15	15
Hydraulic						

Safety discharge pressure	bar	3	3	3	3	3
Integral automatic bypass		Yes	Yes	Yes	Yes	Yes
Integral expansion vessel capacity	litres	8	8	8	8	8
Maximum capacity of CH system	litres	125	125	125	125	125
Compartment ventilation required		No	No	No	No	No
24 hour pump exercise		Yes	Yes	Yes	Yes	Yes
Pump overrun		Yes	Yes	Yes	Yes	Yes
Concentric flue systems						
Concentric flue diameters	mm	60/100 and 80/125				
Standard horizontal flue kit length (ø60/100)	mm	685	685	685	685	685
Max equiv length vertical (ø60/100)	m	10	10	10	10	10
Max equiv length vertical (ø80/125)	m	20	20	20	20	20
Max equiv length horizontal (ø60/100)	m	10	10	10	10	10
Max equiv length horizontal (ø80/125)	m	20	20	20	20	20
Twin flue system						
Twin pipe flue Diameters	mm	80/80	80/80	80/80	80/80	80/80
Maximum equivalent vertical length	m	15	15	15	15	15
Maximum equivalent horizontal length	m	15	15	15	15	15
Weights						
Gross packaged boiler weight	kg	41.5	41.5	41.5	43	43.5
Max installation lift weight	kg	36.4	36.4	36.4	37.9	38.4
Packaged boiler dimensions (WxHxDxSCxUCxLCxFC)	450mm x 780mm x 345mm x 5mm x 175mm (300mm 80/125 flue) x 150mm x 5mm / 450mm for servicing					