

# KP line 1

PONAST

Automatic boilers for wood pellets



- 🔥 Automatic boiler operation
- 🔥 Automatic fuel feeding
- 🔥 Can operate alongside solar thermal
- 🔥 Optional control via sms
- 🔥 Ability to cascade for larger buildings
- 🔥 Low operating costs & easy maintenance
- 🔥 High efficiency over 90% and low emissions
- 🔥 Boiler is class 5 - eligible for Government incentives
- 🔥 Possibility to control central heating and DHW



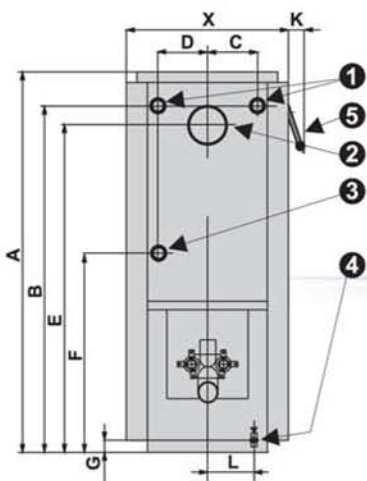


# KP line 1

• Thermal and technical parameters •

[mm]	KP11(.1)	KP21	KP51(.1)	KP61
A	1440	1435	1630	1744
B	1310	1310	1460	1610
C	121	190	255	255
D	121	190	255	255
E	1240	1240	1395	1545
F	750	750	750	907
G	46	46	46	46
K	60	60	60	60
L	121	190	255	255
X	477	614	744	760

Parameter	Unit	KP 11.1	KP 11	KP 21	KP 51.1	KP 51	KP 61
Rated output	kW	14.9	19	28.5	44.9	49.2	61
Output range	kW	4.5 - 14.9	5.7 - 19	8.55 - 28.5	13.5 - 44.9	14.7 - 49.2	18.3 - 61
Fuel consumption	kg/hour	1.1 - 3.51	1.3 - 4.4	1.9 - 6.6	3.1 - 10.3	3.44 - 11.63	4.39 - 13.1
Efficiency at rated output	%	90.8	90.5	91.7	91	91	90.9
Flue gas temperature at minimal output	°C	79.4	79	101	109.5	110	101
gas temperature at nominal output	°C	126	127	134	140.6	141	140
Boiler class	-	5	5	5	5	5	5
Output temperature of water	°C	55 - 80	55 - 80	55 - 80	55 - 80	55 - 80	55 - 80
Weight	kg	255	255	335	495	495	565
Water content	l	103	103	140	200	200	220
Flue pipe diameter	mm	130	130	150	160	160	160
Minimal chimney draught for operation	Pa	8	8	8	18	18	22
Flow and return manifold diameter	BSP	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"
Dimensions (W x L) without ash pan	mm	565 x 1078	565 x 1078	693 x 1100	823 x 1102	823 x 1102	816 x 1198
Dimensions (H)	mm	1440	1440	1440	1590	1590	1744
Working overpressure of water	bar	up to 3	up to 3	up to 3	up to 3	up to 3	up to 3
Required draught	mbar	0.1 - 0.2	0.1 - 0.2	0.1 - 0.2	0.1 - 0.3	0.1 - 0.3	0.3 - 0.4
Minimal return water temperature	°C	55	55	55	55	55	55
Recomm.operating temp.of heating water	°C	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80	60 - 80



1

Water output

2

Flue ducting

3

Water input

4

Outlet valve

5

Cleaning lever

UK Distributor:



## Ashburn

Unit 10 Victoria Mills

Earby BB18 6UX

01282 841500

0845 539 0364



hello@ashburnstoves.co.uk

## PONAST®

PONAST spol. s r.o.

Na Potůčkách 163 • 75701 Valašské Meziříčí • Česká Republika

Tel.: +420 571 688 188 • e-mail: obchod@ponast.cz

www.ponast.cz