

KP line 3

PONAST

Automatic boilers for wood pellets



- 🔥 Automatic boiler operation
- 🔥 Automatic fuel feeding
- 🔥 Modern touchscreen controls
- 🔥 Low operating costs & easy maintenance
- 🔥 High efficiency over 90% and low emissions
- 🔥 Possibility to control up to 5 heating circuits and DHW
- 🔥 Can operate alongside solar thermal
- 🔥 Robust cast iron burner
- 🔥 Ability to cascade for larger buildings
- 🔥 Boiler is class 5 - eligible for Government incentives

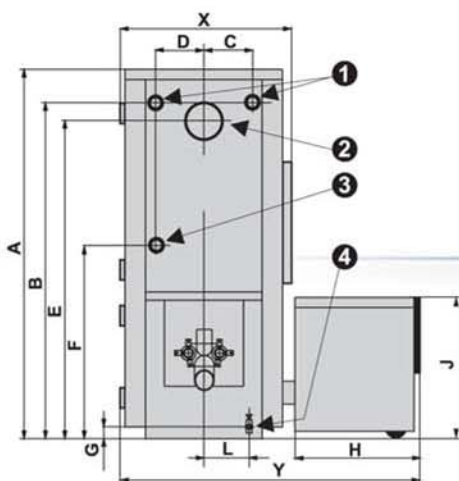


KP line 3

Technical Specifications

(mm)	KP 12S	KP 22S	KP 52S	KP 62S	KP 82S
A	1440	1440	1595	1744	1744
B	1310	1310	1460	1460	1460
C	121	190	255	255	255
D	121	190	255	255	255
E	1240	1240	1396	1396	1396
F	750	750	907	907	907
G	46	46	46	46	46
H	283	283	383	383	383
J	512	512	612	612	612
L	-	-	255	255	255
X	539	674	816	816	816
Y	815	950	1106	1106	1106

Parameter	Unit	KP12.1S	KP12S	KP22S	KP52.1S	KP 52S	KP 62S	KP 82S
Rated output	kW	14.9	19	28.5	44.9	49.2	61	80
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	24 - 80
Fuel consumption	kg/hour	0.98 - 3.35	1.14 - 1.55	1.9 - 6.6	3.1 - 10.3	3.44 - 10.91	4.39 - 13.1	5.58 - 18.18
Efficiency at rated output	%	90.8	90.5	91.7	91.0	91.0	90.9	90.1
Flue gas temperature at minimal output	°C	79.4	79	101	109.5	110	101	99
Flue gas temperature at nominal output	°C	126	127	134	140.6	141	140	147
Boiler class	-	5	5	5	5	5	5	5
Output temperature of water	°C	55 - 80	55 - 80	55 - 80	55 - 80	55 - 80	55 - 80	55 - 80
Weight	kg	310	310	370	520	520	590	700
Water content	l	103	103	140	210	210	220	260
Flue pipe diameter	mm	130	130	150	160	160	160	200
Minimal chimney draught for operation	Pa	8	8	8	18	18	22	25
Flow and return manifold diameter	Js	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	G 1 1/2"	G 1 1/2"
Dimensions (W x L) without ash pan	mm	537 x 1066	537 x 1066	674 x 1146	816 x 1078	816 x 1078	816 x 1198	816 x 1348
Dimensions (H)	mm	1444	1444	1444	1595	1595	1744	1744
Working overpressure of water	bar	up to 3	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	0.3 - 0.4
Minimal return water temperature	°C	55	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	60 - 80



- ① Water output
- ② Flue ducting
- ③ Water input
- ④ Outlet valve

UK Distributor:



Ashburn

Unit 10 Victoria Mills

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