

Kamen Multi Agro

Ecological boiler with automatic fuel feeding



ON REQUEST:
Flue to the rear



Additional
cast iron grate



Convenient
charging



Highly efficient
burner



Capacious fuel tank



High efficiency
up to 92,5%



7

Up to 7-year
warranty

6

Certified
boiler steel



Ecological
boiler



Modern
electronic
controller



Support for
4 pumps



Support for
mixing valve



Chimney draft
regulation



Quiet and
reliable fan



Adjustable
feet

POWER RANGE

10 - 75 kW

BASIC EQUIPMENT

- ST-480K controller
- WPA06 fan
- Ekoenergia cast iron feeder
- Cleaning kit
- Ash drawer
- Adjustable feet

FUEL



Non-wood biomass in the form of briquettes made of straw, hay, miscanthus

ADDITIONAL EQUIPMENT

(extra charge)

- Bruli controller
- Cooling coil

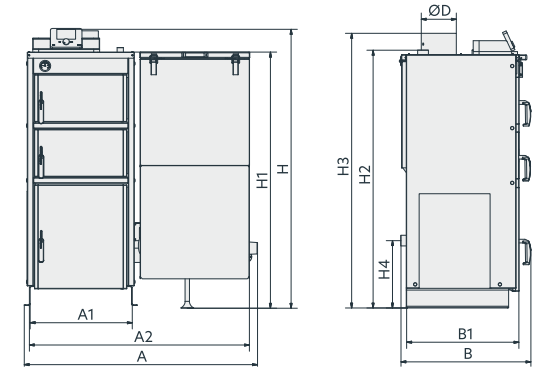
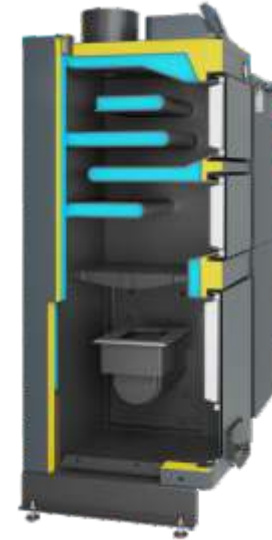
ADDITIONAL OPTIONS

- Fuel tank on the right or left side of the boiler
- The door opening to the left side
- The flue directed to the rear

WARRANTY

- 4 years for tightness of the heat exchanger
- 2 years for installed components

Technical DATA



Parameter	Unit	Kamen Multi Agro							
		10 kW	14 kW	20 kW	26 kW	32 kW	40 kW	50 kW	75 kW
Rated output	kW	10	14	20	26	32	40	50	75
Heating surface	m ²	1.4	1.8	2.4	2.9	3.5	4.3	5.2	7.5
Maximum width (A)	mm	1055	1055	1200	1200	1250	1300	1550	1700
Boiler width (A1)	mm	475	475	545	545	615	615	750	850
Width of the boiler supply (A2)	mm	1080	1080	1125	1125	1200	1250	1580	1700
Maximum length (B)	mm	710	745	745	840	840	1025	1060	1240
Length of the boiler casing with the door (B1)	mm	535	570	570	650	650	815	820	1000
Flue length (B2)	mm	105	105	105	105	105	140	140	140
Maximum height (H) *	mm	1405	1475	1475	1475	1475	1495	1745	1765
Boiler height (H1) *	mm	1280	1350	1350	1350	1350	1370	1620	1640
Amount of power (H2) *	mm	1300	1370	1370	1370	1370	1390	1640	1660
Height of the axis of the flue (H3) *	mm	1110	1180	1180	1180	1180	1190	1400	1410
Flue diameter (ØD)	Ø mm	Ø159	Ø159	Ø178	Ø178	Ø178	Ø198	Ø228	Ø248
Water return height (H4) *	mm	360	360	360	360	360	360	370	370
Width of the combustion chamber	mm	298	298	368	368	438	438	560	650
Depth of the combustion chamber	mm	340	375	375	455	455	620	620	800
Height of the combustion chamber	mm	220	185	185	185	185	185	250	250
Frame of the charging door	cm x cm	31x21	31x21	38x21	38x21	38x21	38x21	38x25	38x25
Fuel tank capacity	kg	~180	~180	~180	~180	~180	~220	~300	~400
Boiler weight	kg	400	440	490	540	590	640	720	850
Water capacity	l	54	65	77	95	107	120	148	188
Thermal efficiency	%	~ 83 - 85							
Maximum operating pressure	bar	1.8							
Flow temperature (min-max)	°C	55 - 90							
The diameter of the supply and return	cal	G 6/4					G 2		
Power supply	V/Hz	~230 / 50							
Required exhaust draft	Pa	20	20	22	24	27	30	33	36
Minimum chimney height	m	6	6	7	8	8	9	10	11
Minimum cross-section of the chimney	mm	Ø170	Ø170	Ø190	Ø200	Ø220	Ø250	Ø280	Ø280
	cm x cm	15x15	15x15	17x17	18x18	20x20	22x22	25x25	25x25
Area of heated rooms **	m ²	do 100	100-140	140-200	200-260	260-320	320-400	400-500	500-750
Area of heated rooms (well insulated houses) ***	m ²	do 130	130-185	185-265	265-345	345-425	425-530	530-665	665-1000

* when using the adjustable feet, the height increases by 24 to 32 mm

** maximum area of heated rooms assumed for the building's heat demand $q = 100 \text{ W/m}^2$

*** maximum area of heated rooms assumed for the building's heat demand $q = 75 \text{ W/m}^2$