

KT-A „PLUS” SERIES AUTOMATIC IGNITION PELLET BOILERS **15–100 kW**

AUTOMATIC IGNITION PELLET HEATING EQUIPMENT BASIC ASSEMBLY INCLUDES:

- PELLET BIOLER
- AUTO IGNITION PELLET BURNER
- FEEDER
- CONTROLLER

- control over burning process (feeder, ventilator)
- 3 pump control (short circuit of the boiler, boiler, mixer or recirculation of the hot water)
- control of the mixer (3-way, 4-way valves)
- overview the level of burning material
- night decrease
- etc.
- FuzzyLogic intelligent control (after demand, capacity)



SPECIFICATION AND TECHNICAL DATA

Model		KT-A 15 PLUS	KT-A 19 PLUS	KT-A 25 PLUS	KT-A 30 PLUS	KT-A 38 PLUS	KT-A 50 PLUS	KT-A 62 PLUS	KT-A 75 PLUS	KT-A 100 PLUS
Nominal power	kW	15	19	25	30	38	50	62	75	100
Minimal power	kW	3	6	8	10	12	15	15	20	20
Water capacity	l	69	75	86	111	124	142	184	220	365
Boiler heating surface	m ²	1,5	2	3	3,5	4	5	6	7.5	10.5
The estimated heating area	m ²	<200	<250	<300	<320	<450	<600	<700	<800	<1000
Connection size	DN	40			50					65
Efficiency	%	<92								
Minimal reverse temperature	°C	55								
Maximum working pressure	bar	1,5								
Maximum water temperature	°C	90								
Electricity connection	V	230V 50Hz								
Allowable pressure in the flue	Pa	18	20 - 25				25-30		35	
Recommended height of the chimney	m	4,5	5	6	8			10		12
Recommended diameter of the chimney	mm	Ø160	Ø180			Ø 200			250	
Recommended size of the chimney	mm	170x170				200x200			250x250	
Weight of the boiler	kg	250	310	340	380	830	610	730	780	1160

! – producer of the equipment has the rights to make changes to the design and documentation of the heating equipment.

ADDITIONAL EQUIPMENT:

Outer air sensor CT4-P

Control of the outside temperature (using principle of the heating curves)



Programmable room thermostat EcoSter 200

- control of the room temperature
- programme of the week, several temperature regimes (comfort, economic, schedule)
- duplicate boiler interface with the possibility to control boiler parameters from thermostat.



Internet control module EcoNet300

- remote monitoring of the heating system and appliances with possibility to change parameters of the activity



B-Module

- additional module with the possibility to connect to the existing system two agitator blocks and the hot water recirculation pump



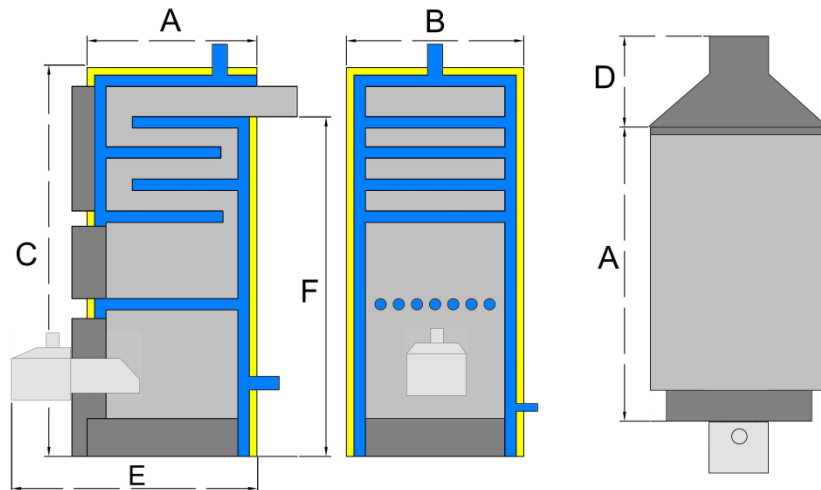
SIZE CHART

15-50 kW

Size	Unit	15kW	19 kW	25 kW	30kW	38 kW	50 kW	62kW	75kW	100 kW
A	mm	600	600	680	680	750	850	850	920	1150
B	mm	520	520	520	580	580	630	750	810	900
C	mm	1250	1350	1350	1350	1450	1450	1580	1580	1900
D	mm	270	270	270	270	330	330	420	420	470
E	mm	885	885	965	965	1157	1257	1344	1586	1816
F	mm	1030	1150	1150	1150	1220	1250	1320	1320	1600

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Version of the heating equipment with the output from behind of the boiler



Version of the heating equipment with output from the top of the boiler

