



PRODUCT CATALOGUE



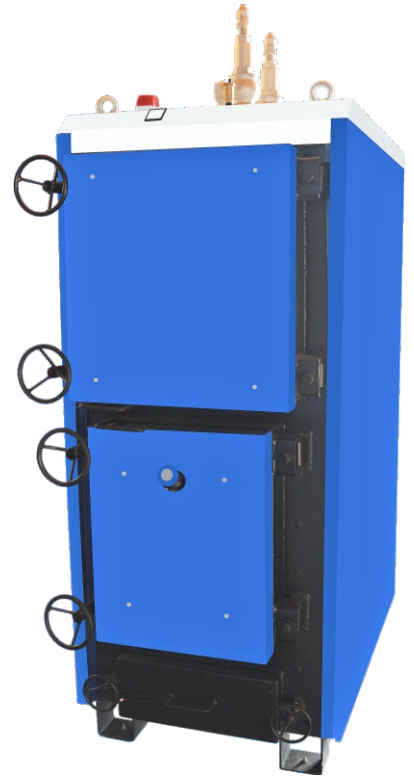
INDUSTRIAL SOLID FUEL BOILERS WITH EFFICIENCY POWER OF 100-750 KW

Industrial solid fuel boilers “Kordi” with power of 100 - 400 kW are made of high-quality steel of 6 mm thickness, combustion chamber furnace door and door for chimney sweep are additionally lined with refractory brick. In order to ensure the cleaning of water case, branch tubes are inserted on the front panel of the boiler.

The safety is guaranteed by the automatic safety with two fans, bleed valves and blow-out valves. To provide visual observation of the combustion process the boiler is equipped with a viewing window. Boilers can operate in the heating system with a working pressure of 4 bar, checking of the design tightness is carried out under pressure of 6 bar.

In order to prolong the spare parts time in commission, cast iron grate is equipped with additional water cooling.

Industrial boilers “Kordi” have been operating for a long time saving money of budget, municipal and industrial facilities of Khmelnytsky region and other regions of Ukraine.



Specifications

Model		100M	150M	200	250	400	750
Power, kW		98	150	200	250	400	750
Heating area, m ²		950	1450	1950	2700	4200	7700
Efficiency, %		80...83	80...83	80...83	82...87	82...87	82...87
Operating pressure in the heating system, kgf/cm ²		2,0	2,0	2,0	4,0	4,0	4,0
Flange connections, mm		160	160	160	160	185	185
Volume of water in boiler, l		220	300	440	680	1100	2550
Maximum load of fuel, l		350	418	490	800	1250	2413
Chimney diameter, mm		320	320	320	290	326	480
Minimum height of chimney, m		11	12.5	14	14	17	22
The maximum water temperature, °C		85	85	85	85	85	85
Weight, kg		850	1200	1740	2100	2900	4500
Overall dimensions:	Height, mm	1930	1930	1930	2200	2490	2845
	Width, mm	800	800	800	1100	1300	1300
	Depth, mm	1292	1447	1600	2540	2655	3550
Control automatics		+	+	+	+	+	+
Dimensions of combustion chamber	Height, mm	698	698	698	770	950	1180
	Width, mm	630	630	630	770	905	905
	Depth, mm	797	950	1115	1500	1500	2265



HOUSEHOLD SOLID FUEL BOILERS WITH EFFICIENCY POWER OF 14-40 KW

Domestic solid fuel boilers “Kordi” have a robust, proven design that provides maximum efficiency in heating of houses, shops, residential buildings and industrial facilities with useful area of 430 m².

Variability of design allows to use an electronic controller with a fan, a mechanical draft control, or even use the boiler in manual regulation mode.

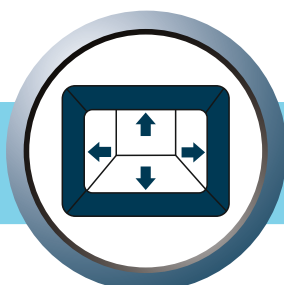
Ergonomic loading window allows to simplify the process of fuel loading. The design of the boiler allows to set heating bundles that makes it possible to maintain a comfortable temperature of the coolant after the combustion of solid fuel, that is very convenient at night.

Thickness of steel - 6 mm.



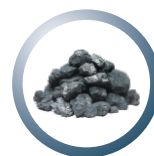
Specifications

Model		Kordi-14 ST	Kordi-16 ST	Kordi-20 ST	Kordi-26ST	Kordi-30 ST	Kordi-40
Power, kW		14	16	20	26	30	40
Heating area, m ²		140	190	250	290	350	430
Efficiency, %		80-83	80-83	80-83	80-83	80-83	80-83
Operating pressure in the heating system, kgf/cm ²		2,0	2,0	2,0	2,0	2,0	2,0
Flange connections, mm		G 1½"	G 1½"	G 1½"	G 2"	G 2"	G 2"
Volume of water in boiler, l		40	48	60	67	76	91
Maximum load of fuel, l		28	34	40	43	45	50
Chimney diameter, mm		150	150	150	150	150	200
Minimum height of chimney, m		5	6	6	7	7	8
The maximum water temperature, °C		90	90	90	90	90	90
Weight, kg		163	185	199	213	227	290
Overall dimensions	Height, mm	1020	1140	1140	1140	1140	1232
	Width, mm	545	545	545	545	545	545
	Depth, mm	715	790	810	880	910	1012
Dimensions of combustion chamber	Height, mm	410	460	460	460	460	490
	Width, mm	390	390	390	390	390	390
	Depth, mm	320	390	440	490	540	625



SOLID FUEL APPARATUS OF COMBINED TYPE WITH COOKER

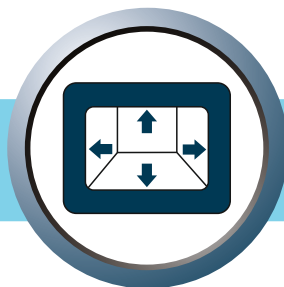
Model		Kordi-10C	Kordi16C
Power, kW		10	16
Heating area, m ²		120	160
Efficiency, %		80-83	80-83
Operating pressure in the heating system, kgf/cm ²		2,0	2,0
Flange connections, mm		G1½"	G1½"
Volume of water in boiler, l		26	35
Maximum load of fuel, l		55	88
Chimney diameter, mm		127	150
Minimum height of chimney, m		5	6
The maximum water temperature, °C		90	90
Weight, kg		114	162
Overall dimensions	Height, mm	690	810
	Width, mm	490	580
	Depth, mm	810	945
			+
Dimensions of combustion chamber	Height, mm	420	530
	Width, mm	300	380
	Depth, mm	410	410



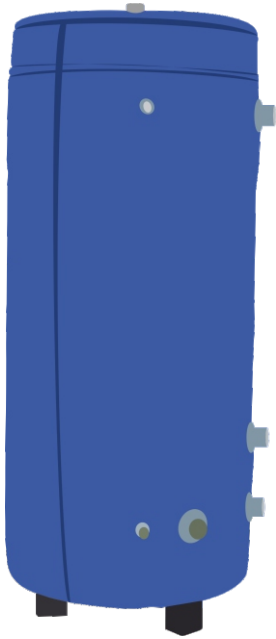
SOLID HEATING DEVICES OF 10, 12 KW



Model		Kordi-10 ST	Kordi-12 ST
Power, kW		10	12
Heating area, m ²		100	120
Efficiency, %		80-83	80-83
Operating pressure in the heating system, kgf/cm ²		2,0	2,0
Flange connections, mm		G1½"	G1½"
Volume of water in boiler, l		27	32
Maximum load of fuel, l		19	22
Chimney diameter, mm		120	120
Minimum height of chimney, m		5	5
The maximum water temperature, °C		90	90
Weight, kg		87	114
Overall dimensions	Height, mm	710	875
	Width, mm	450	450
	Depth, mm	645	645
Dimensions of combustion chamber	Height, mm	240	320
	Width, mm	290	290
	Depth, mm	310	310



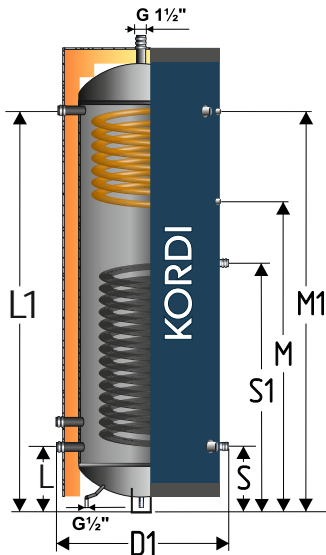
HEAT ACCUMULATING TANKS «KORDI»



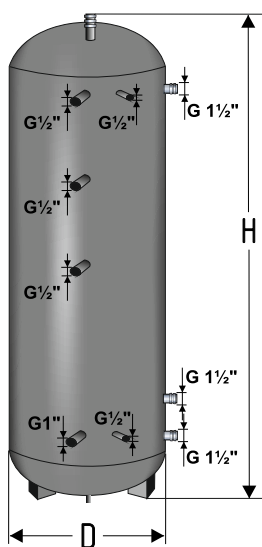
Heat accumulating tanks “Kordi” are designed to collect excess heat and its subsequent transfer to users of the heating system. They are made from steel of 4 mm thickness. Production range 400, 700 and 1000 liters, with one (T) or two (2T) and heat exchangers (I).

The main advantages of using of heat accumulating tanks together with solid fuel boilers should be noted:

- reducing of the solid fuel boilers load periods at night;
- increasing of solid fuel boilers service life due to its use on optimal power;
- the possibility of boiler boiling in case of disconnection of pumping group from electricity is excluded;
- efficient fuel usage, saving up to 35%;
- increasing of the heating system time in commission;
- the ability to connect additional sources of heat (solar collector, electric or gas boiler).



SIZE	AT-4(E,2E)	AT-7(E,2E)	AT-10(E,2E)	AT-15(E,2E)	AT-20(E,2E)
H, MM	1750	1940	2090	2075	2160
D, MM	600	750	850	1160	1360
D1, MM	860	1010	1110	1350	1520
M, MM	916	1050	1088	1101	1116
M1, MM	1412	1570	1712	1725	1740
L, MM	312	330	332	425	440
L1, MM	1412	1570	1712	1101	1116
S, MM	312	330	332	425	440
S1, MM	920	886	888	825	840



Model	AT-4I	AT-7I	AT-10I	AT-15I	AT-20I
Volume of water in tank, l	400	700	1000	1500	2000
Water temperature (max), ° C	95	95	95	95	95
Operating pressure, bar	4	4	4	4	4
Tank weight without water, kg	89	128	160	165	250
Tank weight with 1 heat exchanger, kg	98	139	173	179	264
Tank weight with 2 heat exchangers, kg	133	174	208	215	300
Insulation material	Polyurethane foam				
Shell material	Imitation leather				
Material of heat exchangers	copper (top), steel (bottom)				



CHIMNEY GAS BOILERS OF 7-90 KW

These devices provide heating and hot water supply for private houses, apartments and communal buildings with heating area of up to 900 m². Chimney gas devices AOGV provide extra protection.

Devices are equipped with thrust transmitter. Devices with the capacity of 7-16 kW are equipped with 630EUROSIT automatics, from 20-30 kW – with MINSIT automatics, from 55-90 kW – with Honeywell automatics.

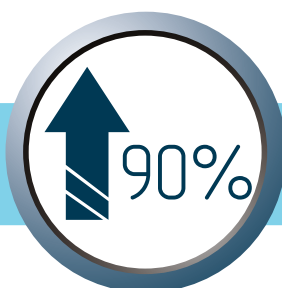
Gas chimney devices are completely undemanding to operating conditions, reliable and economical, have long time in commission and compact size.



Specifications

Model	АОГВ-7(В)Е	АОГВ-10(В)Е	АОГВ-12(В)Е	АОГВ-16(В)Е
Power, kW	7	10	12	16
Gas consumption, m ³ /h, not more	0,78	1,08	1,39	1,78
Efficiency, %	90	90	90	90
Connector thread of heating nipples	G1½"	G1½"	G1½"	G1½"
Volume of water in the boiler, l	12,1	15,7	19,3	26,3
Operational period, years	14	14	14	14
Water temperature range, °C	(50-90)±5	(50-90)±5	(50-90)±5	(50-90)±5
Weight, kg	30	36	40	53
Overall dimensions	Height, mm	810	810	810
	Width, mm	380	380	380
	Depth, mm	230	280	330

Model	АОГВ-20(В)М	АОГВ-26(В)М	АОГВ-30(В)М	Kordi-55H	Kordi-90H
Power, kW	20	26	30	55	90
Gas consumption, m ³ /h, not more	2,19	2,88	3,29	6,0	9,9
Efficiency, %	90	90	90	90	90
Connector thread of heating nipples	G 2"	G 2"	G 2"	G ½"	G ¾"
Volume of water in the boiler, l	25,5	33,6	39,5	83,0	107,9
Operational period, years	14	14	14	15	15
Water temperature range, °C	(50-90)±5	(50-90)±5	(50-90)±5	(50-90)±5	(50-90)±5
Weight, kg	58	70	90	230	280
Overall dimensions	Height, mm	785	785	830	1020
	Width, mm	380	380	380	636
	Depth, mm	460	560	660	733



RACK HOUSEHOLD UNIVERSAL

Racks universal domestic is a reliable, modular design that allows to effectively place various items in the household and office premises.

Household rack is designed for universal use in residential, offices, rustic farm.

At the client's request is possible to install additional shelves.

Develops projects for installation of shelving pension funds, archives, libraries and public institutions



DESCRIPTION

	СПУ-01	СПУ-1	СПУ-2	СПУ-3	СПУ-4	СПУ-5	СПУ-6	СПУ-7	СПУ-8
Overall dimensions									
- Height	750	1500	1850	1850	2100	2400	2400	1800	1800
- Width	300	300	300	300	400	400	400	400	500
- Length	750	750	750	950	950	950	950	1200	1200
Weight, кг (kg)	6.5	10	13	15	17	21	24	31	26
Carry capacity, кг (kg)*	300	400	500	650	750	900	950	950	500
Amount of shelves, pcs.	3	4	5	5	5	6	7	7	5

GAS CONVECTORS «KORDI»



Convectors “Kordi” are developed as an alternative to gas boilers without heating.

Convectors are designed for heating of residential, public and industrial premises. They operate on natural gas and require no grid connection. Sealed combustion chamber allows you to install the convector in residential buildings. Air intake and gases combustion are carried out through the wall into the street. The convectors have a simple and reliable automatic safety “630 EURO SIT” (Production of «Sit Group», Italy). Convector Kordi-6,6E is additionally equipped with a fan.

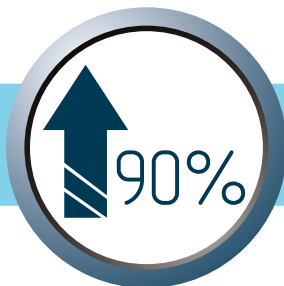


Key benefits:

- Guaranteed 90% efficiency
- Eco-enameled heat exchanger
- The most reliable, common, easily operated automatic 630 EURO SIT
- Easy to install and operate
- Wide model range

Specifications

Model	2,3E	3,2E	4E	5,2E	6,6E	Kordi-4	Kordi-5,2	Kordi-6,6
Power, kW	2,3	3,2	4	5,2	6,6	4	5,2	6,6
Gas consumption, m ³ /h, not more	0,27	0,37	0,47	0,61	0,75	0,47	0,61	0,75
Efficiency, %	85	85	85	85	85	90	90	90
Rated gas pressure, PA	1274	1274	1274	1274	1274	1274	1274	1274
Connector thread of heating nipples	G½"	G½"	G½"	G½"	G½"	G½"	G½"	G½"
Averagelife, years, not less than	14	14	14	14	14	14	14	14
Range of temperature regulation, °C	13...38	13...38	13...38	13...38	13...38	13...38	13...38	13...38
Weight, kg	14	17	20	28	29	22	29	31
Heating area, m ²	23	32	40	52	66	40	52	66
Overall dimensions	Height, mm	600	600	600	600	595	595	595
	Width, mm	485	595	725	725	760	690	760
	Depth, mm	240	240	240	320	290	240	290



ELECTRIC BOILERS WITH SOLENOID ACTUATORS



Hot water electric boilers “Kordi” designed for heating of individual buildings with natural or forced circulation of heat transfer agent, the pressure of which does not exceed 0.2 MPa.

Electric boilers “Kordi” are qualitative alternative to solid and gas equipment.

A wide model range allows it to heat accommodation areas with an area up to 120 m², compact sizes, modern design, not demanding in operation, convenient and understandable installation for the further use.

All electric boilers “Kordi” are equipped with circulating pump.

Model	4/220P	6/220P	6/380P	9/380P	12/380P	
Power, kW	4	6	6	9	12	
Connector thread of heating nipples.	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	
Heating area, m ²	40	60	60	90	120	
Overall dimensions	Height, mm	580	580	580	750	750
	Width, mm	340	340	340	390	390
	Depth, mm	220	220	220	220	220
Weight, kg	16	16	16	18,5	18,5	
Water temperature range, °C	90-10	90-10	90-10	90-10	90-10	

ELECTRIC BOILERS WITH AN ELECTRONIC CONTROL UNITS

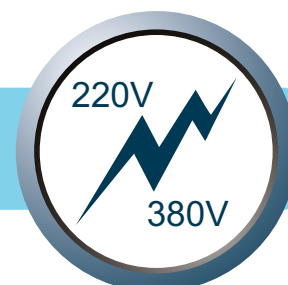
Electric boilers with an electronic control unit are designed for individual heating of residential, public and industrial buildings with natural or forced circulation of heat transfer agent. These are modern electric boilers that provide a reliable alternative to gas heating.

The main design feature of electric water heating technology is the use of tubular electric heaters as heating elements (heaters).

There is a possibility of remote control of the temperature in the room by connecting the programmer room.



Model	4/220P	6/220P	6/380P	9/380P	12/380P	18/380P	24/380P	30/380P
Power, kW	4	6	6	9	12	18	24	30
Connector thread of heating nipples.	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”	G ^{3/4} ”
Heating area, m ²	40	60	60	90	120	180	240	300
Overall dimensions	Height, mm	580	580	580	750	750	750	780
	Width, mm	340	340	340	390	390	390	430
	Depth, mm	220	220	220	220	220	220	330
Weight, kg	16	16	16	18,5	18,5	18,5	23	35
Water temperature range, °C	90-10	90-10	90-10	90-10	90-10	90-10	90-10	90-10



Bullerjan stove



Output values

Height 720 mm

Width 520 mm

Depth 720 mm

Combustion chamber 42 Ltr

Maximum heating area up to 100 m³

Tubes quantity, 7

Tube size, 70x70x4 mm

Nominal output, 6 kW

Weight, 120 kg

