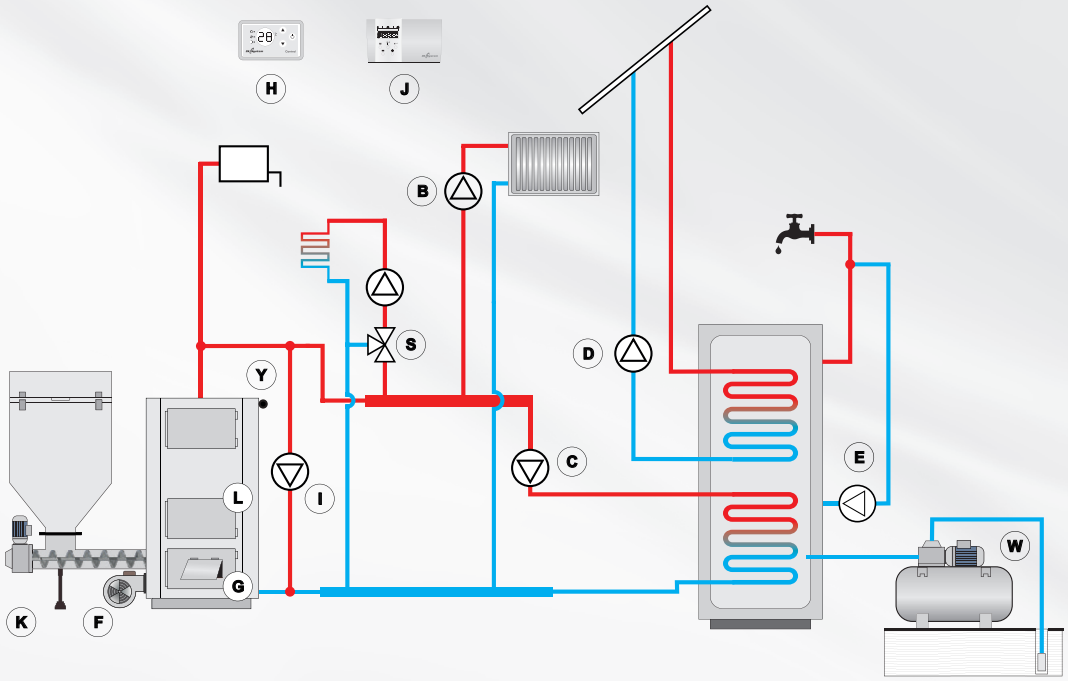
FEATURES AND APPLICATIONS

controllers **DK SYSTEM**

	Number of pump controlling outputs	Central heating pump control	Domestic hot water pump control	Solar pump control	Domestic hot water circulation pump control	Boiler fan control	Adjustment of the air-to-boiler supply	Cooperation with the CONTROL room panel	Boiler protection against the cold return	Cooperation with room thermostat	Control of the feeding screw or piston feeder	Emergency grid operating mode	Cooperation with emission sensor	Hot water priority	Comfort system	Protection against freezing and overheating	Summer mode	Circuit control with 3-way valve	Wall mounting	Installation on a horizontal floor space	Overload protection and dry running protection	TERMIK Thermal protection of the boiler	Legionella Protection	Weekly program
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	W	Y	Z	X
MASTER 600	4	✓	✓		✓	✓			✓	✓	✓	✓		✓	✓	✓	✓	✓				✓	✓	✓
MASTER 500 ver.1	2	✓	✓			✓		✓		✓	✓	✓		✓	✓	✓	✓			✓		✓		✓
MASTER 300 ver.3	2	✓	✓			✓		✓		✓	✓	✓		✓	✓	✓	✓			✓		✓		✓
EKOSTER 430 ver.1	3	✓	✓		✓	✓		✓	✓	✓			✓	✓	✓	✓	✓			✓		✓	✓	✓
EKOSTER 420 ver.1	2	✓	✓			✓		✓		✓				✓	✓	✓	✓			✓		✓		
EKOSTER 400 ver.1	2	✓	✓			✓		✓		✓				✓	✓	✓	✓			✓				
EKOSTER 300 ver.3.1	2	✓	✓			✓		✓		✓				✓	✓	✓	✓			✓				
EKOSTER 200	1	✓				✓		✓							✓	✓			✓	✓				
UNISTER	1	✓					✓	✓							✓	✓				✓				
EKOSOL 400	3			✓	✓										✓	✓			✓					
DELTA 200 3D	1	✓						✓	✓	✓					✓	✓		✓	✓					
DELTA 200 DUO	2	✓	✓		✓			✓	✓					✓	✓	✓			✓					
DELTA 200	1	✓	✓		✓			✓	✓						✓	✓			✓					
HYDROS 200	1	✓	✓		✓				✓						✓	✓			✓					
DK 5000	1	✓													✓	✓			✓					
UZE 05/25	1																		✓		✓			
UZE 2000	1																		✓		✓			



DK System

INTELIGENTNE **ROZWIĄZANIA**

Biuro Handlowe: 53-030 Wrocław, ul. Przyjaźni 141 | tel. 71 / 333 73 88 | tel. 71 / 333 74 36 | fax. 71 / 333 73 31
www.dksystem.pl | biuro@dksystem.pl | GIOŚ: E0002018W

DESCRIPTION OF THE ICONS

1 NUMBER OF PUMPS CONTROLLING OUTPUTS	One pump controlling output
2 NUMBER OF PUMPS CONTROLLING OUTPUTS	Two pump controlling outputs
3 NUMBER OF PUMPS CONTROLLING OUTPUTS	Three pump controlling outputs
4 NUMBER OF PUMPS CONTROLLING OUTPUTS	Four pump controlling outputs
CENTRAL HEATING PUMP	Control of the central heating pump
DHW PUMP	Control of the DHW pump
CIRCULATION PUMP	Control of the circulation pump
2ND CIRCUIT PUMP	Control of the second circuit pump or floor heating pump
FAN	Blowing fan control
FEEDER	Feeder operation control
3W VALVE	3 - way valve control
4W VALVE	4 - way valve control
THRUST ADJUSTMENT	Boiler thrust adjustment by opening and closing the air into the furnace inflow flap
RETURN PROTECTION PUMP	Control of the pump operating as a return protection of the boiler
FAN MODULATION	Smooth fan operation and power settings
DHW DISINFECTION	Programmable disinfection of the DHW circuit protecting against Legionella
WEEKLY PROGRAM	Control of the boiler and DHW pump operation acc. to one of the weekly programs
DHW PRIORITY	Option of turning on/off the domestic hot water priority
COLD RETURN PROTECTION	Option of controlling the 3-way valve in the boiler protection system against cold return
EMERGENCY GRID	Emergency grid control
SOLAR PUMP	Solar pump control mode
SUMMER MODE	Heating circuit in the summer time control
OVERLOAD PROTECTION	Option protecting the pump against overload
DRY RUN PROTECTION	Option protecting the pump against dry run (i.e. operation without water)
ENERGY METER	Produced energy meter in solar installations
THERMAL FUSE	Thermal fuse as additional protection of the boiler against overheating
ROOM THERMOSTAT	Cooperation with a room thermostat
CONTROL PANEL	Cooperation with a remote control panel
REED RELAY	Cooperation with piston feeders with a contactor
FLUE GAS TEMPERATURE	Possibility of flue gas temperature measurement
CONTROL THE WEATHER	Control based on the outside temperature
FROST PROTECTION	Frost protection
ALARMS	Alarms
HALL SENSOR	Hall sensor
FEEDER REVERSE	Feeder reverse function to remove the fouling of fuel
COMFORT SYSTEM	Periodical pump turning on option to protect against calcification