

23 years of trust in the experience and professionalism of "LAKAL" Ltd

Wood burning stoves with water shield **DYNAMIC KA Compact** CE

DYNAMIC KA Compact fireplaces with water jacket manufactured by LAKAL LTD, are designed for wood or wooden briquettes burning. They are intended and are suitable for heating apartments and buildings where the installation of fireplaces with stone claddings is not possible.

The body of **DYNAMIC KA Compact** fireplaces is made of steel sheet. It can be connected to a new or an already existing closed-circuit heating system with max. working temperature of 85°C and max. working pressure of 2,5bar.

The built-in pump, expansion vessel, safety and regulation equipment, save space and make it easy to install, operate and service.

These fireplaces can operate in parallel with oil, gas, electrical boiler or module with automatic switch through three way ball valve with actuator.

The decorative panels are electrostatic painted, as the side ones come in three colors of your choice - Black, Bordeaux, or Desert.

Efficiency
76.3%



The side covers of the stoves can be:



Technical data		KA 12	KA 18	KA 25
Max heating output	kW	13-14	19-21	25-28
Water shield output - nom / max	kW	11-12	16-18	21-25
Max working pressure	bar	2.5	2.5	2.5
Max working t° of the water	°C	85°	85°	85°
Efficiency at nominal output	%	74,6	76,3	74,1
Dimensions: W x D x H	cm	57x60x105	64x64x121	72x76x131
Inlet / outlet water	inch	1"	1"	1"
Flue	ØD mm	130/150	150	200
Volume of the water jacket	l	40.4	70	82
Weight	kg	142	164	195

- Options:** 1. Cooling serpentine with safety release valve.
2. Air inlet control - mounted in the lower part of the stove's back.

LEGEND:

1. Thermometer – manometer 120°C - 4bar
2. Signal light – indicating the pump operation and fuse
3. Pump thermostat 0-90°C
4. Decorative electrostatic painted panels
5. Glass ceramic fire proof door with a 5mm thickness
6. Safety grid
7. Ball valve with union - 1" outlet hot water
8. Automatic air vent straight
9. Flue pipe with a regulating valve - for KA 18, 25
10. Filter for cold water 1"(for KA 18 and 25)
11. Circulating pump 1" with union connection
12. Safety valve 1/2" – 2.5 bar with thermal protection 95° (Installed in the absence on cooling serpentine)
13. Membrane expansion vessel 10l or 12l
14. Safety release valve 3/4" F – cooling serpentine inlet (option)
15. Outlet cooling serpentine 3/4" F (option)
16. Air inlet control - automatic device to control quantity of the air supplied for the combustion (option)

Trust the experience and professionalism of our experts and "LAKAL" will take care of your comfort!

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