K-10



KALVIS

KALVIS 10

Kalvis 10 is the unique design rear combustion water system heating boiler intended for heating of various domestic premises.

Boiler is manufactured using modern technologies and materials. Manufacturing processes are environmental friendly and complies with requirements.

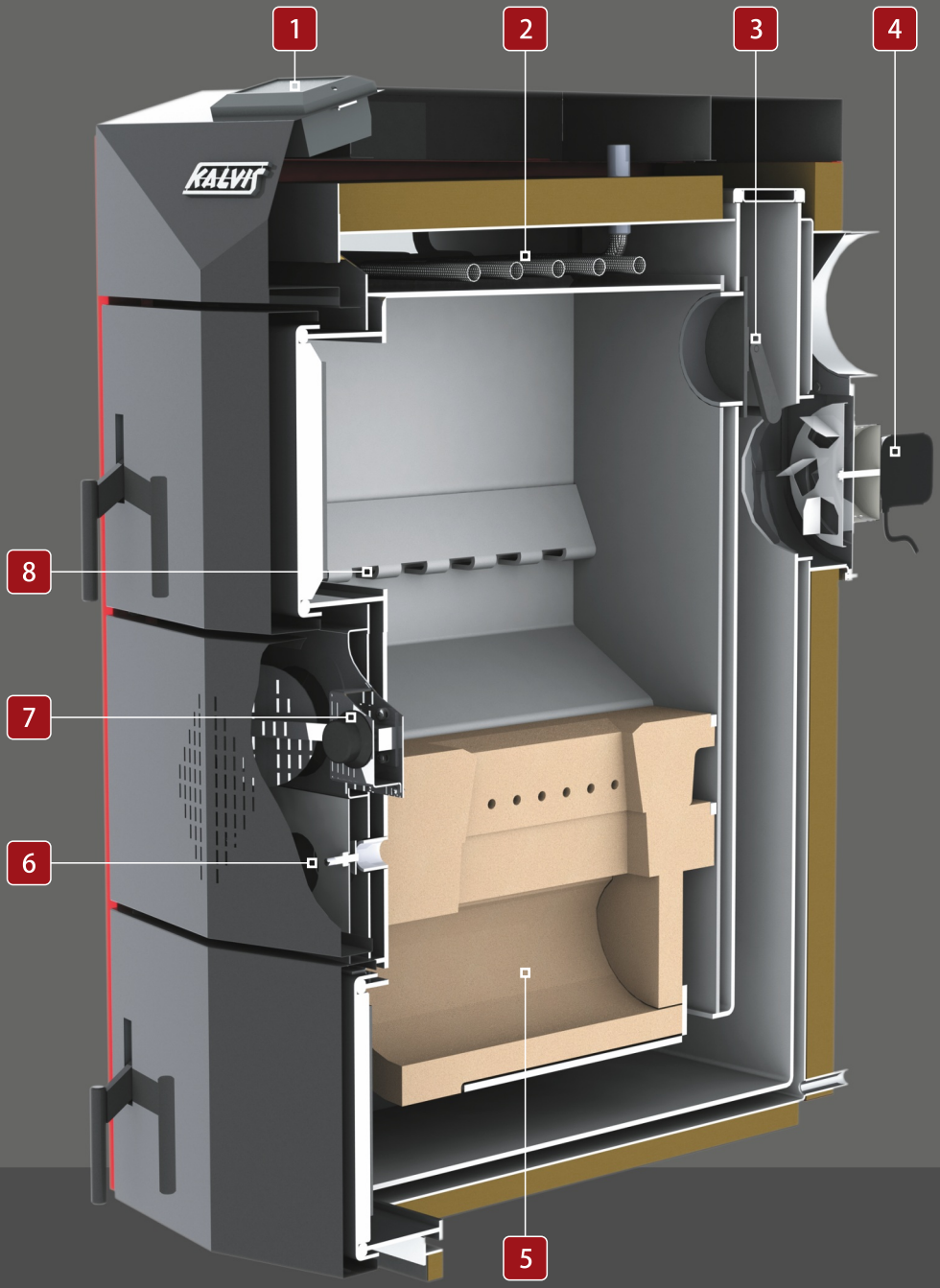
- High efficiency – 85%
- Easily changeable door's opening direction
- High quality heat resistance concrete is used for burning chamber
- Easy and simple only front side maintenance
- High volume fuel loading chamber – wood logs up to 1/2mtr length
- Main fuel type – wood logs, as well sawdust briquettes can be used.

As we are using 6mm steel for burning chamber's side walls You should not worry about fast wear out of the boiler – it will do it's work for 15 years easily.*

* Boiler must be operated in accordance to user's manual.







1. Control panel
2. Emergency cooling coil
3. Smoke damper
4. Smoke exhauster fan
5. Burning chamber
6. Secondary air supply damper
7. Draught adjuster
8. Primary air supply openings

Controller

Boiler's touch screen control panel is able to control:

- recirculation pump
- heat exchanger pump
- heating system pump
- gear of mixing valve
- smoke exhauster fan

The controller:

- keeps a stable outgoing water temperature
- has different operating modes: ignition, extinguishing and standby
- protects heating system from overheating
- informs You if there are any faulty devices in Your heating system.

Set up of operating modes is easy and comfortable. Touch screen controller helps You to find and set required parameter quickly.



BOILER MODEL		K-10	
Nominal output (Q_N) / Minimal output (Q_{min}) [1]		kW	25 / 10
Efficiency at nominal output, not less than		%	85
Heated area, when premises partition thermal resistance is no less than 2,5 m^2·K/W		m^2	300
Fuel used			logs
Logs size L x Ø, up to		cm	55 x 15
Loading door dimensions		mm	350 x 270
Burning chamber volume		l (dm^3)	130
Fuel burning time (Q_N) [1]		h	4 ... 10
Boiler classification according to EN 303-5			3
Temperature adjustment range		°C	65 ... 90
Minimal chimney draught		mbar (Pa)	0,25 (25)
Exhaust fumes temperature (Q_N / Q_{min}), up to		°C	186 / 100
Dimensions, not bigger than (Overall / for transportation on pallet)	height	mm	1400 / 1580
	width	mm	665 / 800
	length	mm	1230 / 1340
Weight, not bigger than (netto/brutto)		kg	416 / 436

[1] when 18-20 % moisture birch logs are used. We do not recommend using logs of moisture greater than 30 %.

Our company has 20 years experience
of manufacturing heating equipment.
We produce various types of boilers, 6 - 2000 kW output:

- cookers
- domestic boilers
- stoves / fireplaces
- industrial boilers
- industrial heating plants
- containerized industrial heating plants

MCS

The Certification Mark for Onsite
Sustainable Energy Technologies

AE71

MANAGEMENT SYSTEM CERTIFICATION
ISO 9001 = ISO 14001 = OHSAS 18001

DNV

KALVIS®

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