

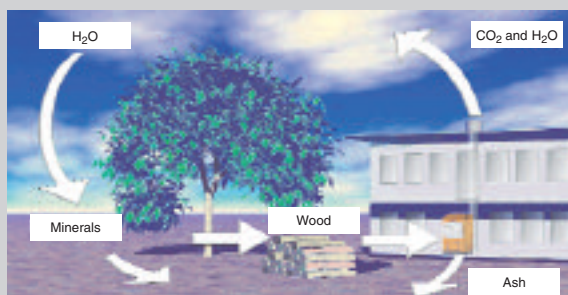


SOLID FUEL BOILER FFS-14

ECOLOGICAL HEATING SYSTEM FOR COKE, COAL, WOOD

Rising oil and gas prices make the use of solid fuels an attractive, forward-looking option. The boiler can be adjusted to run effectively on different types of fuel via two air flaps, which determine the optimum burning conditions. Large heating surfaces and a double elbow in the flow of the exhaust gas moreover maximise the fuel's effectiveness and keep the exhaust gas temperature down. The advanced design guarantees an efficiency of over 90 % (tested by TGM Vienna).

- Burns coke, coal and wood
- Long burning duration (at part load up to 8 hours)
- Rated heat output of 12.5 to 14.6 kW
- Emission values well below the legal standard
- Large filling chamber
- Easy to fill and clean
- Extremely sturdy structure

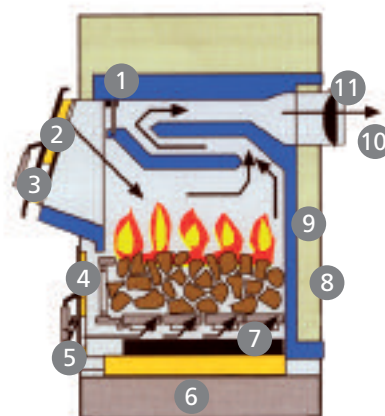


Heating that maintains an ecological balance

Wood is the oldest fuel known to man. Heating with wood does not inflate CO₂ emissions, because trees draw carbon dioxide (CO₂) from the air as they grow, store the carbon (C) and release the oxygen (O₂) back into the atmosphere. When wood is burned, the carbon stored in it is then released back into the air in combination with oxygen, as carbon dioxide. The burning of wood is therefore referred to as a CO₂-neutral cycle.

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1. Cleaning cover
2. Filling door
3. Secondary air flap
4. Stoking door
5. Primary air flap
6. Ash box
7. Grid (4-part)
8. Insulation
9. Water chamber
10. Gas flue pipe
11. Exhaust gas restrictor flap



Technical data

Model	FFS-14
Rated heat output, wood (kW)	2.5
Rated heat output, coke/coal (kW)	14.6
Boiler's water capacity (ltr.)	60
Max. permitted boiler pressure (bar)	3
Boiler's required feed pressure (Pa)	20
Max. flow temperature (°C)	90
Exhaust gas temperature, wood/coal (°C)	250
Exhaust gas mass flow rate (wood CO ₂ = 11.5 % /humidity 23.1 %) (g/s)	10.6
Exhaust gas mass flow rate (coke CO ₂ = 14.0 %) (g/s)	9.8
Chopped wood length (mm)	500
Filling capacity of fuel chamber (ltr.)	70
Height (mm)	1220
Width (mm)	675
Depth (mm)	1100
Weight (kg)	305



The competence brand for energy saving systems

A Product of

Wolf GmbH
 Industriestraße 1
 D - 84048 Mainburg
 Tel. +49 (0) 8751 740
 Fax +49 (0) 8751 1600
 E-mail: info@wolf-heiztechnik.de
www.wolf-heiztechnik.de