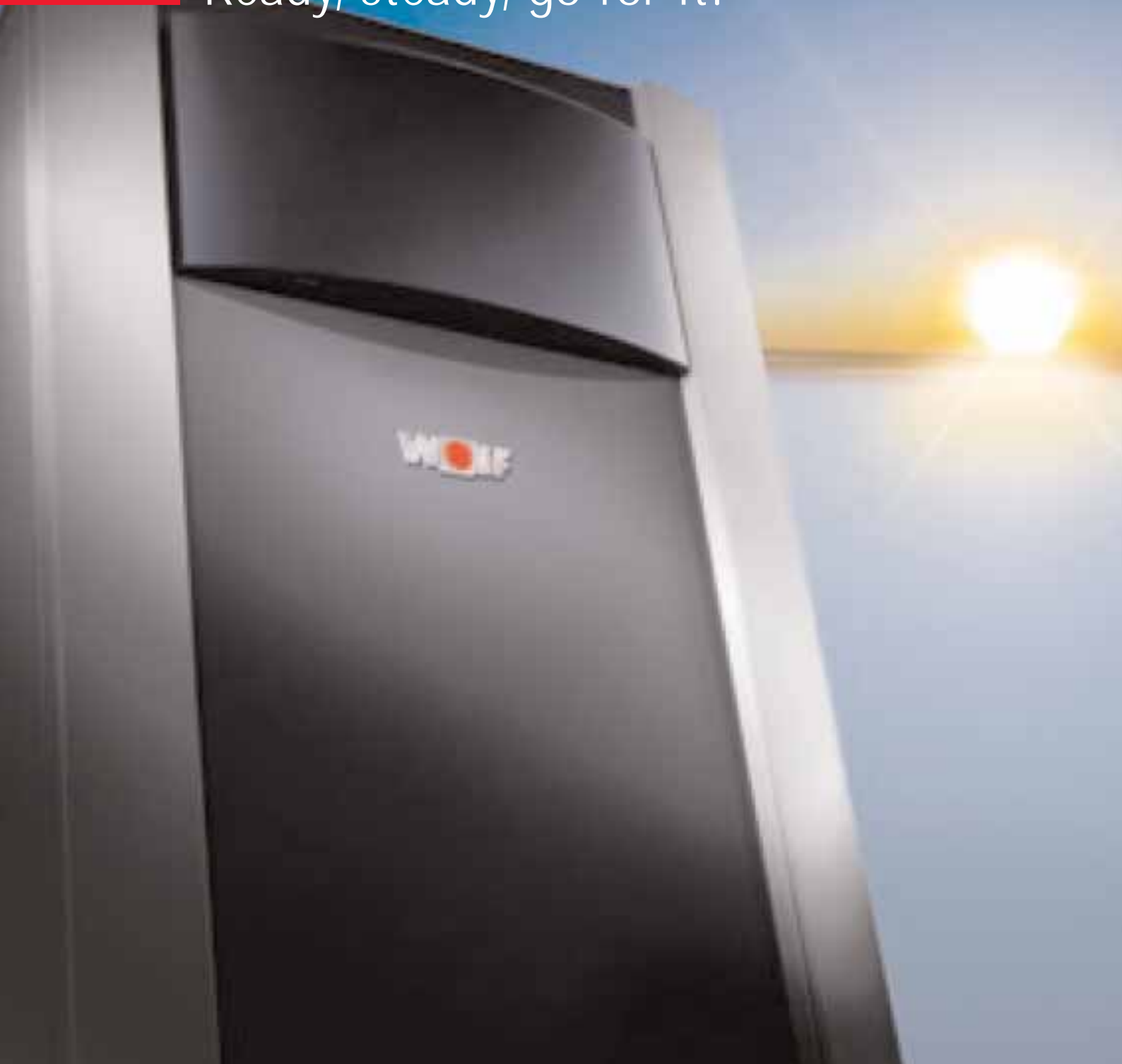




The competence brand for energy-saving systems

NEW! COB oil-fired condensing boiler:
Ready, steady, go for it!



Show customers what's hot. Wolf ComfortLine COB oil-fired condensing boiler.

Heating technology for the future. Benefits for everyone!

The new COB oil-fired condensing boiler from Wolf has a great deal to offer both end customers and the trade.

Equipped with Wolf's new *BioOil-Ready* technology, the boiler is characterised by its environmental compatibility, outstandingly high efficiency and excellent future-proofness for consumers. The seller benefits primarily from totally straightforward installation, handling and maintenance.

Oil in a changing world.

Heating oil will remain a prime energy source for generations to come. Oil will still be a comparatively cost-effective means of heating. In the foreseeable future, however, restrictions will apply to the supply of oil in its current form.

For the sake of the environment and to conserve natural resources, more and more bio-source constituents will be mixed into each litre of fuel oil.



What does "BioOil-Ready" mean?

BioOil-Ready means using the technology of tomorrow to cover our heating needs today. The Wolf COB 20 oil-fired condensing boiler is available now and is ready for the types of oil and oil generations to come. It can be fired with ordinary, low-sulphur heating oil, or the latest bio heating oils*. Wolf classifies this future-proof technology as "BioOil-Ready"..

BioÖl Ready



*Proportion at this time is 5%.

WOLF

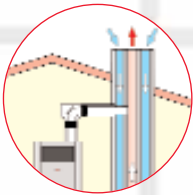
Fully preassembled



Standard degree of utilisation



Simple flue upgrading



Compatible with solar heating systems



Tools as standard



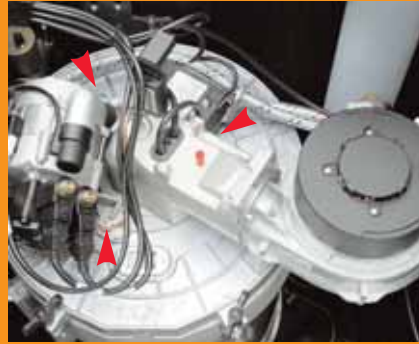
For more flexibility: No long waits for maintenance and installation.

The new COB: A joy to install. Everything is just right. The weight, the size and the typical Wolf easy-install and easy-maintenance benefits.

- **Totally easy –** the oil-fired condensing boiler is fully pre-assembled and enclosed.
- **Very light –** only 92 kg, so no big effort involved in transportation.
- **Space-saving –** the COB can be set against a wall or back-to-back with the CS thermally layered storage tank.
- **Ready to go –** plug & play connectability.
- **Easily accessible –** for straightforward maintenance and inspection work, with the burner unit ideally placed for servicing.
- **Intelligent control –** all-inclusive WRS control program.
- **Performance across the board –** output ratings from 13.3 to 29kW.
- **Everything you need –** the COB comes with the three on-board tools you need for streamlined maintenance: set-up gauge, stainless-steel cleaning brush, handle for spreader.



Open the housing and open the bottom-hinged controller box



Remove 3 screws



Take out the burner unit



Hook the burner unit into place in the maintenance position



Change the nozzle



Check the ignition electrodes



Remove the wing bolts



Lift off the lid of the combustion chamber



Use the handle to pull out the combustion chamber and spreader unit



Brush the heat exchanger clean



Clean the siphon, neutralisation unit and condensate pump



Install the housing and check the combustion parameters

Quality and dependability made in Germany.

The new COB: The state of the art in oil-fired heating technology, taking proven Wolf design features one step forward. For maximum energy efficiency. For future-proof heating. For customer satisfaction.

- **Maximised efficiency** – the standard utilisation rate (upper / lower calorific limits, H_S/H_i) is 99% / 105 %.
- **Future-proof** – suitable for low-sulphur and normal EL-graded heating oil. Prepared for bio-oil.
- **User-friendly control system** – very easy to operate. Control can be extended with up to 7 modules for mixer-circuit, heater-circuit or solar-system control. Can be extended to include wireless clock module, wireless outdoor sensor.
- **Straightforward flue uprating** – flue-pipe diameter is a mere 80 mm, so easy to insert into existing chimneys and shafts.
- **Solar heating compatible** – with BSP thermally layered storage tanks, TopSon solar collectors and SM1/SM2 solar controllers.
- **Very low electricity draw** – consumption in output stage 1 < 100 watts
output stage 2 < 140 watts.



All Wolf heating boilers are manufactured in the company plant at Mainburg, Bavaria, Germany

Hot water all the time. As much as is needed.

The COB-CS with thermally layered storage tank: state-of-the-art patented technology for efficient hot-water supply with oil-fired condensing boilers. Wolf quality for reducing operating costs and saving space. Check it out for yourself.

- 1 **Patented "hot-water turbo"** – the newly developed control and distribution system for hot and cold water ensures steady, radial water distribution and excellent water-heating performance
- 2 **Optimised insulation** – high-efficiency insulating foam stops hat end energy losses.
- 3 **Mighty big for its size** – the storage capacity of 160 litres is comparable with the 240 or 260 litres of a conventional storage tank.
- 4 **Give me five** – hot-water supply rate is 280 l/10 minutes. That means the CS can easily supply up to five homes.



COB side by side with CS thermally layered storage tank

2-stage oil pump

Blue-burner mixer

Insulated housing

Neutralisation

Condensate pump



4

Circulation pump

Drinking-water expansion tank

1

2

3

Rigid PU foam insulation

r system



The competence brand for energy saving systems

Facts and figures. COB ComfortLine oil-fired condensing boiler.

COB oil-fired condensing boiler	20	20/CS	29	29/CS	
Useful heat output at 80/60°C, stages 1/2	kW	13.3 / 19.0	13.3 / 19.0	18.5 / 28.2	18.5 / 28.2
Useful heat output at 50/30°C, stages 1/2	kW	14.0 / 20.0	14.0 / 20.0	19.6 / 29.6	19.6 / 29.6
Oil throughput, stages 1/2	kg/h	1.20 / 1.70	1.20 / 1.70	1.7 / 2.4	1.7 / 2.4
Capacity, CS tank (equivalent useful capacity)	litre	–	160 (240)	-	160 (260)
Continuous throughput, CS storage tank	litre/h (kW)	–	490 (20)	-	710 (29)
Performance index, CS storage tank	NL60	–	4.5	-	5.0
Standby loss, storage tank	kWh/24h	–	1.47	-	1.47
Air / flue connections	mm	80/125	80/125	80/125	80/125
Standard utilisation rate at 40/30 °C, (H _i /H _c)	%	105/99	105/99	105/99	105/99
Standard utilisation rate at 75/60 °C (H _i /H _c)	%	101/96	101/96	101/96	101/96
Weight, boiler	kg	92	92	99	99
Weight, storage tank	kg	–	76	-	76
Dimensions, WxHxD	mm	566 x 1,290 x 605	1,132 x 1,290 x 605	566 x 1,290 x 605	1,132 x 1,290 x 605

Show your customers exactly how they stand to benefit by opting for future-proof and environmentally friendly oil-fired condensing boilers. There is a great deal of weight behind the recommendations of certified heating and plumbing specialists and members of the Institute for Economical Oil Heating (Insitut für Wirtschaftliche Oelheizung, IWO) and comparable trade associations.



The systems supplier for heating, ventilation, air conditioning and solar



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