



Condens 5000 W
High performance for
high expectations



BOSCH
Invented for life

Condens 5000 W – The powerhouse

If you want to reliably and efficiently provide large residential properties, apartment blocks or industrial buildings with heating energy, the Condens 5000 W is exactly the right solution for you. This wall-mounted condensing boiler can deliver a heat output of up to 400 kW. Logically engineered features make installation particularly quick and – just like maintenance and service at a later date.



Condens 5000 W

High efficiency

The appliance achieves a standard efficiency of up to 94%. Almost all the energy contained in the fuel is converted into usable heat.

Multi-appliance cascades

Up to four appliances with the same or different heat output ratings can be configured in a cascade to provide specifically required heat output ratings.

Branded quality from Bosch

High-quality materials and painstaking attention to detail in construction and assembly ensure extreme reliability and a long service life.

A range of heat output options

The choice is yours: the appliance is available with heat output ratings of 70 and 100 kW.

Easy to use

Proven Bosch control units and systems make the appliance easy and convenient to use.

Ideal for combined use with solar thermal systems

The highly-performance electronic controller is already preconfigured for combination with a solar thermal system and features patented solar optimisation.

Branded quality in every detail

The Condens 5000 W impresses with advanced condensing technology and branded quality from Bosch. The construction of the appliance is particularly clearly laid out and makes it easy to recognise its technical benefits.

Condensing technology – made by Bosch

The high-quality components employed in the construction of the Condens 5000 W guarantee that the energy contained in the gas it burns is almost entirely converted into heat. This is proved by a standard efficiency of up to 94%. The basis for this is a ceramic flat bed burner and a heat exchanger with surface-coated, ribbed tubes that enable particularly high energy utilisation.

Cascade of up to four appliances

Should the heat output of a single appliance be insufficient for your needs, up to four Condens 5000 W appliances can be cascaded. In this way, heat outputs of up to 400 kW can be achieved – sufficient for floor areas of up to 3,000 square metres. A cascade can be configured from various different versions of the appliance to allow heat output to be adapted ideally to meet your specific needs. Thanks to a cleverly engineered non-return valve (optional accessory) a cascade can also be operated under positive pressure. This permits the user of smaller diameter piping and demands less space for the exhaust gas system.

Efficient pump as an optional accessory

A pump developed especially for the Condens 5000 W is also available as an optional accessory. The core component is an efficiency-class A-rated pump that is particularly energy-efficient in use and can be quickly and easily mounted. The pump aggregate is fully insulated and thus makes its own contribution to overall energy efficiency.



Simple installation, quick maintenance

The logically-constructed, clearly laid out system construction enables fast installation and saves time. For instance, the appliance can be installed in simple heating circuit without the need for a hydraulic separator. Thanks to a modular system and preconfigured units, cascades are particularly fast and cost-effective to install and put into operation. It also save the time required for future maintenance and servicing. All important components of the appliance are accessible from the front. As the gas valve is separated from the venturi inlet port by a hose, servicing can be performed without disconnecting the gas supply. Which means that your service technician can finish his work much more quickly.

In with the new Energy Directive, out with inefficient heating technology!

ErP 2015 – this acronym designates an important new piece of energy legislation, with stringent requirements regarding the energy efficiency of heating and hot water solutions. This will have an impact on many older heating systems, so it is the perfect time to switch to energy efficient condensing technology!



At a glance: How much energy will my new heating system use?

From September 2015, all heating and hot water solutions will need to carry an energy efficiency label, like those you're already familiar with from electrical appliances such as washing machines and refrigerators. This means that you will be able to recognise the energy efficiency of an appliance at a glance, thanks to the clear colour coding and lettering system.

Technical specifications: Condens 5000 W

Technical specifications			
Model		70 kW	100 kW
Heating capacity at 80/60 °C	kW	13-65.2	19-94.5
Heating capacity at 50/30 °C	kW	14.3-69.5	20.8-99.5
Efficiency (DIN 4702-8) 40/30 °C	%	110	110
Max. operating pressure	bar	4	4
Gas types*		G20/G25	G20/G25
Dimensions	mm	980/520/465	980/520/465
Weight	kg	70	70
Main voltage		230 VAC, 50 Hz	230 VAC, 50 Hz
Maximum voltage		253 VAC	253 VAC
Minimum voltage		195 VAC	195 VAC
Electrical protection		IPX4D	IPX4D
Flue systems	mm	Concentric 110/160, 100/150 or 100/100 parallel	Concentric 110/160, 100/150 or 100/100 parallel

* Conversion sets 3P, G31, available as separate accessory



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