



For contractors and operators
Gas condensing boiler CGB-2-38/55



Gas condensing boiler **CGB-2-38/55**

Our workhorse



CGB-2-38/55 gas condensing boiler

Time for new standards: With the new WOLF gas condensing boiler CGB-2-38/55, you get the most robust heat source in its performance class. Featuring an appealing WOLF design, the unit was developed specially for long operating times with maximum demands. Longevity, operational reliability, maximum efficiency and the highest component quality make the CGB-2-38/55 a workhorse among gas condensing boilers.



CGB-2-38/55 gas condensing boiler

Nine good reasons to opt for the CGB-2-38/55 gas condensing boiler

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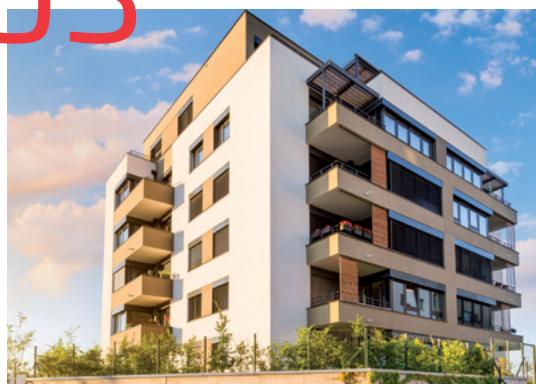
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Consistently robust

The CGB-2-38/55 was developed for especially long runtimes, which can put a boiler to the test, particularly for DHW service in a multi-unit building. The robot-welded V4A finned tube heat exchangers optimised for 38 and 55 kW have 7 times the surface area of smooth tube heat exchangers. The advantage is that the material stress is minimised, even at high thermal loads

Peak performance

10% higher output compared with the predecessor model provides extra security in the event of demand spikes. The modulation range is also greater, and the units can modulate down to 15% of the nominal output, resulting in less cyclic operation and optimal combustion. In summary: Extra-reliable, efficient and long-lasting.

Many possible applications

Multi-unit residential buildings, offices or industrial buildings: Cascades of up to five units ensure very high operational reliability and modulation. Simple integration into BMS systems, pump spread control for optimization of the condensing operation and uncomplicated conversion to natural gas LL or LPG make the CGB-2 38/55 a true allrounder.

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Maximum accessibility with minimal footprint

Up to 55 kW in a compact space and yet still entirely accessible from the front. Minimum side spacing of just 4 cm allows installation in nearly any situation. The removable casing cover creates maximum open space for maintenance.

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Improved combustion chamber: The WOLF solution

From the combustion chamber cover to the condensate pan – the focus is on robust, long-lasting designs and materials with outstanding corrosion properties. New, improved materials such as vermiculite (natural clay mineral) and the cyclone inflow ensure particularly clean and stable combustion.

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Installation and assembly as easy as you could ask for

Despite the solid design, the appliance is easy to move at 47 kg. The hydraulic connections are entirely compatible with previous models. Existing boilers can be easily replaced thanks to intelligently planned accessories. The commissioning assistant helps ensure fast and easy configuration.

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Convenient, fast maintenance

The low, open structure was developed in co-operation with expert technicians. Servicing can take place under system pressure, as usual. Thanks to the intelligent design, the seals require no silicone grease. In other words: Maintenance of the boiler is as clean as operation.

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Extensive features & optimized part management

Everything already integrated: e.g. modulating HE pump, flow rate sensor (less cycling, optimal setting) and flue gas exhaust return damper (for flue gas cascades). WOLF's own practical accessory and replacement parts management system is the perfect complement to the product range.

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Practical control and simple networking

The WRS-2 control system with the BM-2 programming unit allows the heating system to be combined with the most recent and future generations of WOLF products (Hybrid+). Remote diagnosis and optimisation are also no problem thanks to the Smartset portal and app with integrated WOLF Link home.

Performance specifications at a glance

TYPE		CGB-2-38	CGB-2-55
Rated heating output at 80/60 °C	kW	5.3 - 34.9	7.8 - 51.1
Rated heating output at 50/30 °C	kW	6.3 - 38	9.2 - 55
Seasonal Central heating efficiency η_s	%	94	94
Energy efficiency class	-	A	A
Height	mm	790	790
Width	mm	440	440
Depth	mm	412	412
Connection of flow and return	G	1¼"	1¼"
Balanced flue connection	mm	80 / 125	80 / 125
Max. overall pressure, heating	bar	6	6
Total weight (empty)	kg	47	47
IP rating	-	IP X4D	IP X4D
Indoor sound power level L_{WA}	dB(A)	52	55
Available gas fan draught	Pa	159	164

We provide no guarantee
as to the correctness of the
information supplied.





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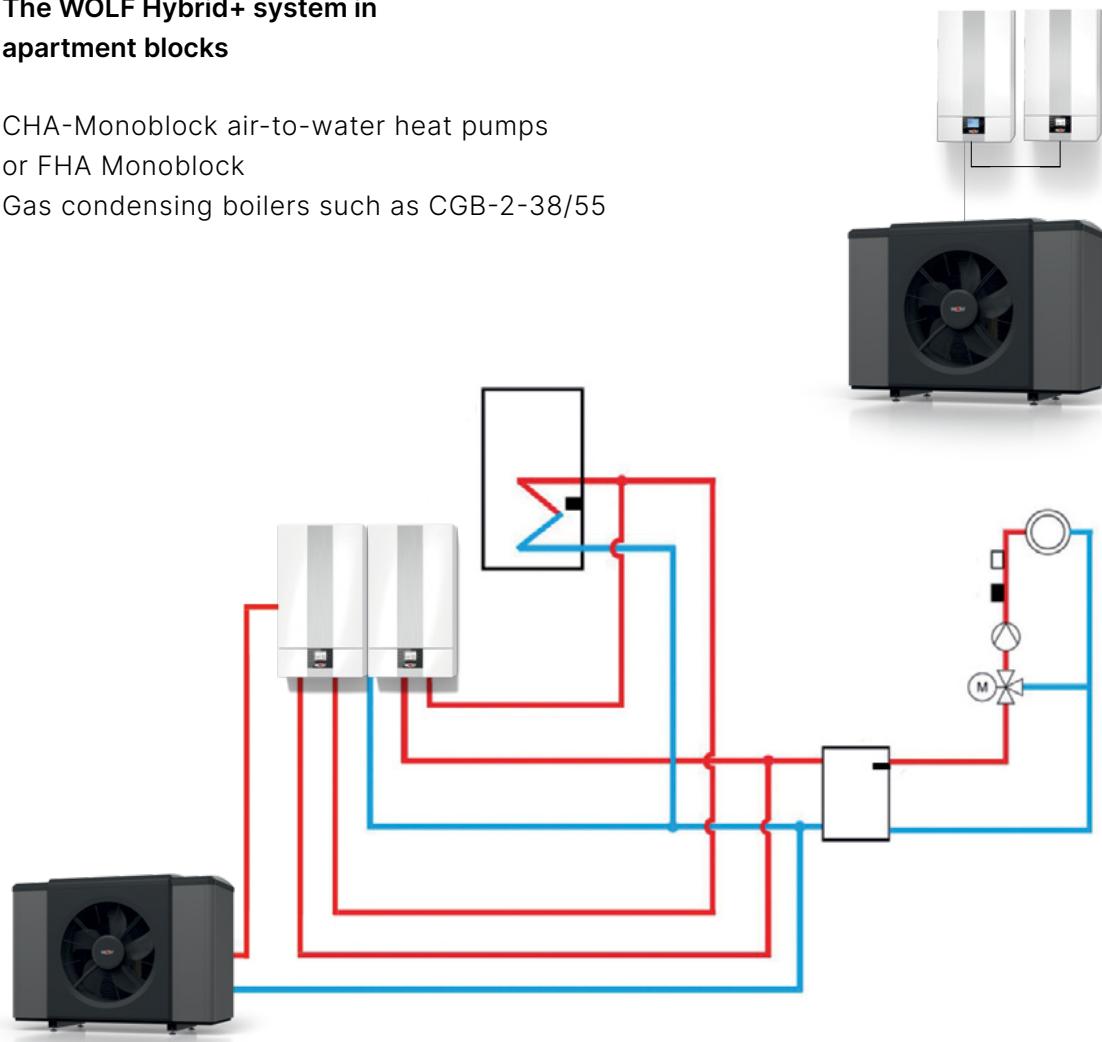
WOLF Hybrid+ with system



Meeting the statutory requirements while also ensuring high operational reliability in newly built multi-unit residential buildings can pose quite a challenge. **Our practical solution: A combination of heat pumps with condensing technology.** With the WOLF control system, nearly all heat sources can be combined together. The answer to the Building Energy Act (GEG), Drinking Water Ordinance (TrinkWV) etc.

The WOLF Hybrid+ system in apartment blocks

CHA-Monoblock air-to-water heat pumps
or FHA Monoblock
Gas condensing boilers such as CGB-2-38/55



Simplified, example hydraulic diagram

Our expert advisers are more than happy to help:

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If you have any questions about this brochure,
please contact us via feedback@wolf.eu



We look forward to hearing from you.

Subject to technical modifications. Please note that only the WOLF product is shown in the images of the product.
You will usually need incoming and outgoing lines which are connected to the WOLF product from the outside.

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