

WOLF

For contractors and operators
Gas condensing boiler CGB-2-75/100



Gas condensing boiler CGB-2-75/100

Big boiler, big versatility, big performance



Direct link to the product:



Direct link to the product video:





Gas Condensing Boiler CGB-2-75/100

Designed to handle challenging tasks:

The new wall-mounted WOLF CGB-2-75/100 gas condensing boiler is the best choice for projects with a larger output range. Featuring cutting edge control technology and ultra-high quality components, our large-scale boiler is the perfect choice for apartment blocks or the commercial sector. It is the top performer in its market segment, with maximum efficiency and no overflow valve. **Big boiler, big versatility, big performance.**



Gas condensing boiler CGB-2-75/100

Nine good reasons to opt for the CGB-2-75/100 gas condensing boiler

09

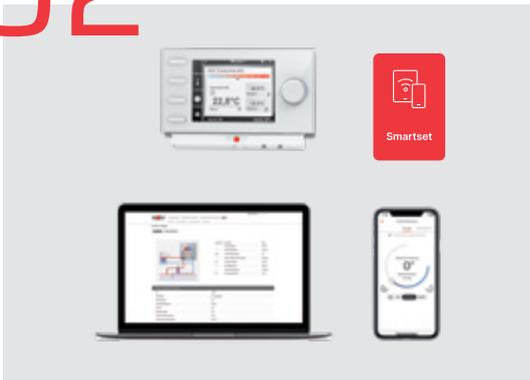
/01



Unrivalled efficiency

Outstanding seasonal central heating efficiency (η_s) of 95%. The appliance also has an extremely high modulation range of 1:6 and can be modulated down to 16% of its rated output - ideal in periods of low demand.

/02



Latest WOLF control technology

Thanks to the WOLF control system 2 (WRS-2), the new modern control system is fitted with a common temperature sensor for a low loss header. The system can also be maintained remotely and conveniently using the WOLF Link pro internet interface (version 4G incl. router).

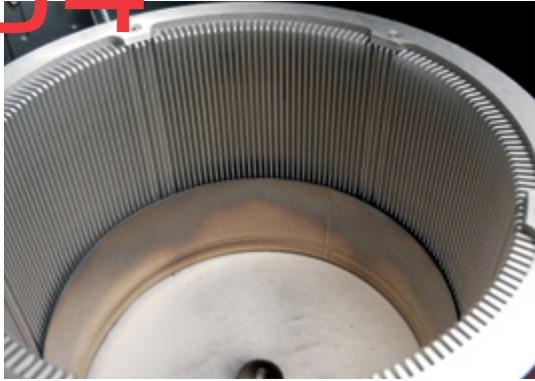
/03



Many possible applications

Cascades of up to five units are suitable for a wide variety of applications and provide up to 500 kW of output. Flue gas return dampers for flue cascades are included as standard. As a peak load boiler in a hybrid system with heat pumps, a wide variety of needs can be covered - e.g. in apartment buildings or hotels.

/04



XXL durability

The coated heat exchanger made from extruded AlSi is optimised for its output rating and has a large number of fins for outstanding heat transfer. The sophisticated design features a flue gas temperature sensor system, a combustion chamber cover with vermiculite insulation, an automatic air vent valve and many other robust components for maximum reliability and longevity.

/05



Sophisticated control system design

The control system was redesigned from the ground up to optimise the accessibility of every control connector and component. All of the circuit boards are contained in a single housing along with the optional WOLF Link home or I/O module. Integrated cable ducts for convenient access during installation and maintenance.

/06



Installation & commissioning - quick & easy

No minimum side clearance, connections which are 100% compatible with the previous model and the simplicity of switching to LL / LPG make this appliance easy to use in a boiler room. The commissioning assistant in the BM-2 programming unit identifies WOLF components and guides the user directly and successfully through the configuration.

/07



Maintenance made easy

The CGB-2-75/100 is fully accessible from the front and top. Flue gas tests can be performed from the outside, making the appliance particularly easy to maintain. All cleaning is done under system pressure. WOLF worked closely with contractors during the development of the unit to make all relevant components as easy to access as possible.

/08



The WOLF parts management system

WOLF's typical and comprehensive accessories (e.g. pump assemblies, low loss header set for individual units or cascades, flue gas systems) and replacement parts management system round out the features perfectly. Many parts are shared with other WOLF appliances, reducing storage space requirements for trade partners and minimising mix-ups.

/09



Quieter than any other & in the modern WOLF design

Thanks to its optimised insulation, the appliance at just 47 dB(A)* is the quietest on the market. "Our big boiler" looks striking in WOLF's new, appealing silver stripe design. *CGB-2-75

Performance specifications at a glance

TYPE		CGB-2-75	CGB-2-100
Rated heating output at 80/60 °C	kW	14.9 - 70.8	14.9 - 92.1
Rated heating output at 50/30 °C	kW	15.9 - 75.8	15.9 - 98.7
Seasonal Central heating efficiency η_s	%	95	95
Energy efficiency class	-	A	A
Height	mm	1050	1050
Width	mm	565	565
Depth	mm	548	548
Connection of flow and return	G	1 1/2"	1 1/2"
Balanced flue connection	mm	110 / 160	110 / 160
Max. overall pressure, heating	bar	6	6
Total weight (empty)	kg	94	94
IP rating	-	IP X4D	IP X4D
Indoor sound power level L_{WA}	dB(A)	47	53
Available gas fan draught	Pa	120	216

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





WOLF system solutions

Advanced condensing technology and floor stations, alongside the Smart-set portal for controlling building services in conjunction with the smart control system: top class system solutions guaranteed.

CAT apartment transfer station

- Pre-assembled at the factory for optimised installation
- 3 power ratings - for both radiators and panel heaters
- Versions with stainless steel HE and/or circulation also available
- Maintenance-free solution thanks to preselected durable components such as differential pressure regulator and plug&seal connections
- Can be individually configured with extensive range of accessories
- Minimal heat losses due to insulated casing



5 reasons for apartment transfer stations:

- Minimum installation work and space saving
- Maximised efficiency
- Easy consumption billing
- Maximum hygiene
- Compliance with DVGW bulletin no. 551 and German Drinking Water Ordinance (TrinkWV)

WOLF Smartset Portal Convenient building services control

- All WOLF building services (e.g. heating, ventilation, solar or CHP) monitored by specialist technicians
- Programming of times and days of the week
- Direct messages in the case of faults
- Server "Hosted in Germany"
- WOLF Link pro (4G) - the ideal internet interface for large buildings



Our expert advisers are more than happy to help:

WOLF Energiesystemen BV

Blauwe Engel 1
8265 VB Kampen
Tel. +31 38 3335086
www.wolf.eu/nl-nl

WOLF Italia S.r.l.

Via XXV Aprile, 17
20097 S. Donato Milanese
Tel. +39 02 5161641
www.wolf.eu/it-it

WOLF France S.A.S.

ZI La Prairie
10 rue de la Prairie
91140 Villebon-sur-Yvette
Tel. +33 1 60136470
www.wolf.eu/fr-fr

WOLF HVAC Systems (Shanghai) Co., Ltd.

Unit 203, Building B, No. 388
North Fuquan Road
200335 Shanghai
Tel. +86 21 6125 6246
www.wolfhvac.com

WOLF Iberica S.A.

Avenida de la Astronomia 2
28830 San Fernando de
Henares
Tel. +34 91 6611853
www.wolf.eu/es-es

WOLF Technika Grzewcza Sp. z o.o.

Ul. Sokolowska 36
05-806 Komorow Warszawa
Tel. +48 22 7206901
www.wolf.eu/pl-pl

**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.

WOLF GmbH
Postfach 13 80
D-84048 Mainburg
Tel. +49 (0)8751 74-0
E-Mail info@wolf.eu
www.wolf.eu

WOLF

Perfectly in tune with you.

ENG/01.23
Item no. 4801779