

**WOLF**

For contractors and operators  
CHA monoblock air source heat pump

**Up to 50% subsidy  
available!**

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# CHA Monoblock air/ water heat pump

Efficient, quiet and elegant design



## CHA-07/10 Monoblock air/water heat pump

Nowadays heat pumps are installed in almost every other building. Exploit the potential of this future-proof technology with **the new CHA monoblock air/water heat pump**. You get a robust, premium product designed for easy installation and extra long-term operation for outstanding comfort.



Direct link to the product.



Direct link to the product video.

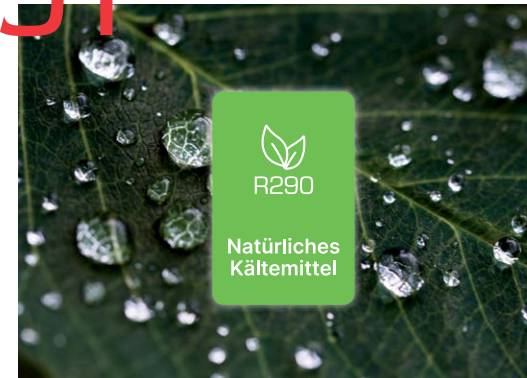
**WOLF**



# Nine good reasons to use the new Wolf CHA monoblock heat pump

# 09

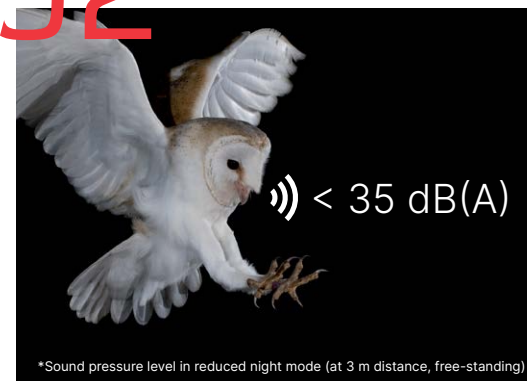
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## Future-proof and ultra-hygienic: R290

The natural refrigerant does not damage the ozone layer and does not promote the greenhouse effect. Due to its high availability, it is future-proof and economical in the long-term.

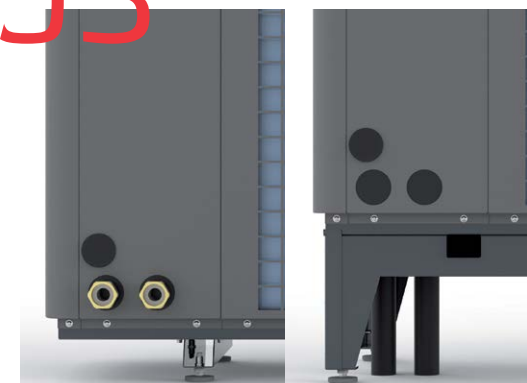
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## Low noise level - for a quiet neighbourhood

Numerous technical details such as a slowly-rotating fan in owl-wing design and tracking geometry as well as the installation of the components in a sound-insulating EPP core ensure that noise from the heat pump disturbs neither operators nor neighbours.

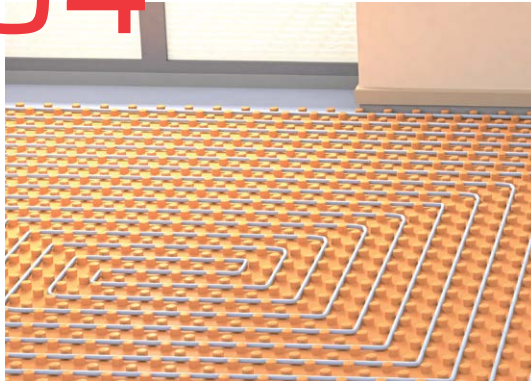
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## Ease of handling

The compact dimensions and the convenient carrying device on the outdoor unit make setting up easier. The hydraulic connection can be established without additional accessories on the underside or rear – depending on the site conditions and customer requirements.

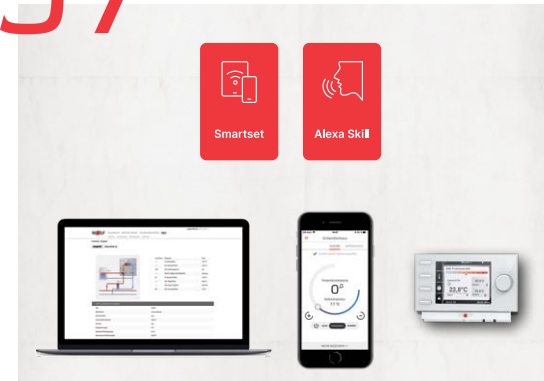
/04



### Top values for efficient heating and cooling

Through the standard use of inverter technology, the heat pump heats and cools with ideal modulation. Agreeable warmth in winter and gentle cooling in summer via the underfloor heating.

/07



### Directly online

With the WOLF Link home interface module and the Smartset portal, you can monitor your customers' systems via the internet at any time. This makes it easy to read the status of the system and optimise settings without costly travel

/05



### Sturdiness and smooth operation

Designed for a long service life: With a robust housing and a UV-resistant powder coating, the heat pump copes with even the toughest environmental conditions. The raised base ensures problem-free operation in high snowfall regions.

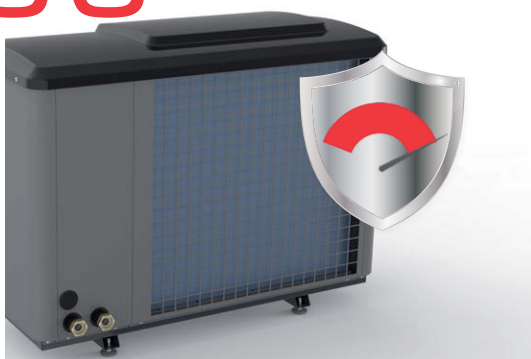
/08



### The compact all-in-one solution

The CHA Monoblock can be optimally combined with the WOLF CHC heat pump centre. The ten modular CHC variants allow particularly space-saving and quick installation as well as a neat finish (including hot water and buffer cylinders).

/06



### Reliable failure protection and large power reserve

The demand-controlled 9 kW heating element, which is included as standard, provides a reliable performance reserve for long periods of cold weather.

/09



### Combination with PV – super fast and easy

It is now possible to incorporate Wolf digital heating into an integrated energy management system. This means that power consumption can be optimised and the direct consumption of power, for example from PV systems, can be increased.



# Performance specifications at a glance

TYPE		CHA-07	CHA-10
Output range at A-7/W35	kW	1.6 - 6.8	2.2 - 9.8
A7/W35 rated output / COP to EN 14511	kW / -	4.5 / 5.47	4.1 / 5.72
A2/W35 rated output / COP to EN 14511	kW / -	5.15 / 4.54	5.75 / 4.65
A35 / W18 cooling performance range	kW / -	2.3 - 7.0	4.3 - 10.0
Max. flow temperature	°C	70	70
Sound pressure in reduced night mode (free-standing, 3 m distance)	dB(A)	32	34
Sound power level daytime max. / in reduced night mode	dB(A)	58 / 49	60 / 51
Sound power level ErP	dB(A)	52	53
Seasonal central heating efficiency $\eta_{s(35^{\circ}\text{C})}^*/P_{\text{rated}}$	%/kW	194/6	191/8
Rated heating output in average climate conditions in accordance with EU 811/2013 $\eta_{s(55^{\circ}\text{C})}^*/P_{\text{rated}}$	%/kW	148/6	141/8
Refrigerant type / charge weight / GWP	- / kg / -	R290 / 3.1 / 3	R290 / 3.4 / 3
Supply air operating limits Heating / cooling	°C	-22 to +40 / +10 to +45	-22 to +40 / +10 to +45
Energy efficiency class Central heating, low temperature	-	A++/A+++1)	A++/A+++1)
Energy efficiency class Central heating, medium temperature	-	A++	A++
Dimensions of outdoor unit (W x D x H)	mm	1,286 x 979 x 562	1,286 x 979 x 562
Dimensions of indoor unit (W x D x H)	mm	440 x 790 x 340	440 x 790 x 340
Weight outdoor / indoor unit	kg	152 / 27	162 / 27

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



Click here to go directly to the gas hybrid system!





## The perfect team for new buildings



### CHC monoblock

#### Attractive heat pump centre

- Consisting of an outdoor and indoor unit
- All building services equipment in the smallest possible space
- Fast and fault-free installation thanks to a modular design
- Ten different versions:  
A tailored solution for every project
- Outdoor module with top efficiency and best sound values



### CWL-2

#### CWL-2 Mechanical Ventilation Unit

- Available in three ratings (225, 325 and 400 m³/h)
- The quietest WOLF mechanical ventilation unit ever
- Genuine flow rate measurement for constant air flows
- Bypass, automatic antifreeze control and maintenance-free condensate management as standard
- Passive house certificate and DIBt approval pending



### Alexa or wifutler smarthome

#### WOLF and Alexa: a smart team

- With Amazon's digital assistant Alexa or the Wifutler Smarthome System, innovative WOLF heating and domestic ventilation products are easier to use than ever before.



# Our expert advisers are more than happy to help.

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**If you have any questions about this brochure,  
please contact us at [feedback@wolf.eu](mailto: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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