

WOLF

For contractors and operators
CWL-2 domestic ventilation



CWL-2 domestic ventilation unit

Compact, extremely quiet and highly efficient



Direct link to
the product!



Domestic ventilation CWL-2

The most compact in its class, extremely quiet and highly efficient – **that is the new CWL-2 series of central domestic ventilation units from WOLF.** The precise flow rate measurement, enthalpy heat exchanger, preheater and exceptionally easy maintenance makes the entire CWL-2 family into truly premium products. The new overall concept results in maximum comfort even at low outside temperatures – without draughts or irritating noises.

The device is available in five sizes with an air flow rate of 225 - 600 m³/h.



Direct link to the
product video!

The new domestic ventilation unit designed for comfort: CWL-2

Nine reasons why a healthy indoor environment is so important

09

/01



Compact and efficient

State-of-the-art technologies ensure outstanding thermal and electrical efficiency. The CWL-2 series is one of the most compact and lightest central living space ventilation systems on the market, facilitating easy installation and assembly.

/02



Quieter than ever before

Thanks to the aerodynamic internal configuration and the newly designed components, the appliance runs extremely quietly, even at high speeds. WOLF ventilation units are ideally suited to the new flow- and maintenance-optimised UniAir design valves in the round and rectangular versions.

/03



Continuous air exchange

The latest generation of fans ensures an optimally controlled volume flow with constant flow technology. The precise flow rate measurement with impeller anemometer guarantees smooth running and balanced flow rates. At the same time, this technology facilitates uniquely convenient commissioning and a high level of maintenance-friendliness.

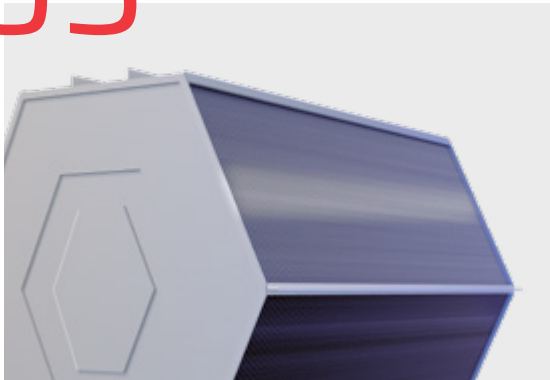
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Perfect design

In combination with the new WOLF UniAir supply and extract air design valves, the CWL-2 series brings a sophisticated yet discreet look into the living space. In the modern silver-stripe design, the CWL-2 series perfectly fits in with the current WOLF look.

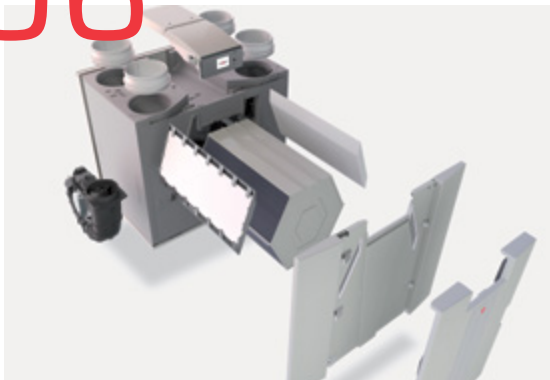
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Enthalpy heat exchanger for moisture recovery

The CWL-2 is also optionally available with a moisture-recovery heat exchanger.* Thanks to the antibacterial polymer electrolyte membrane (PEM), no odours or pollutants are released into the supply air - for optimum hygiene and comfort. A separate drain connection is no longer required.

/06



With us comfort extras come as standard

The CWL-2 thinks for you: At low outside temperatures, the intelligently-controlled preheater ensures trouble-free ventilation. In summer, the cool outside air is used at night thanks to the fully automatic bypass. All of these features are standard with WOLF.

*not for CWL 2-225/325/400

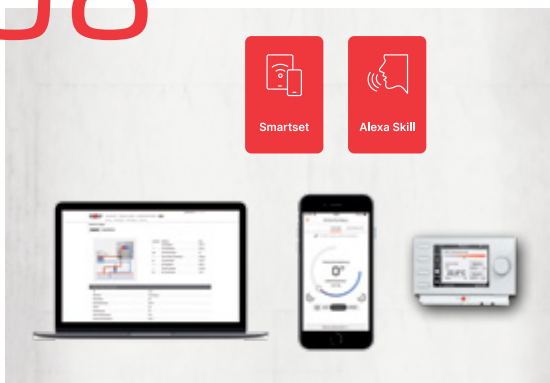
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Simple configuration and quick maintenance

With the new colour touch display, you can now operate the appliance even more easily. The digital step-by-step instructions guide you through installation and filter changes quickly and intuitively. The ball siphon guarantees maintenance-free condensate management and fault-free installation.

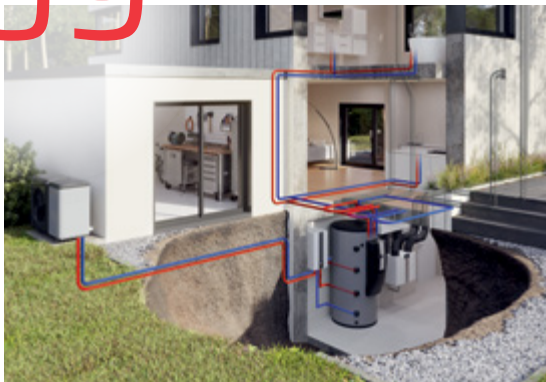
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Directly online

With the WOLF Link home interface module, you can keep constant tabs on the systems of your customers and can even read and optimise the systems remotely. And with Amazon's voice assistant Alexa, the system even accepts voice commands.

/09



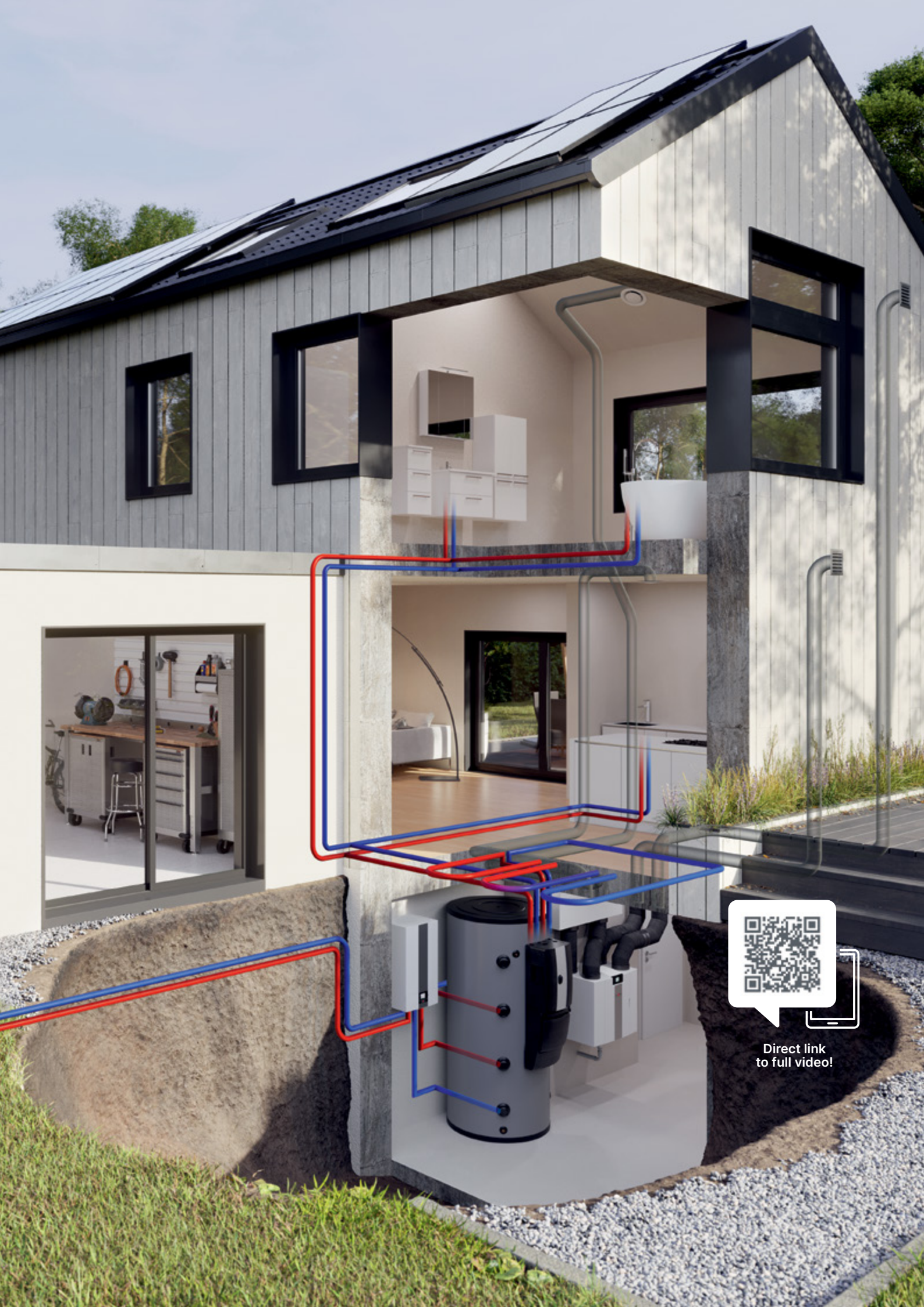
A perfect team with WOLF heat generators

CWL-2 domestic ventilation units are the ideal complement to WOLF heat generators. The efficient overall system with its perfectly coordinated components can be easily and completely controlled via a single programming unit using the WOLF Smartset app (or the portal).

Performance specifications at a glance

TYPE		CWL-2-225	CWL-2-325	CWL-2-400	CWL-2-450	CWL-2-600
Air flow rate	m ³ /h	225	325	400	450	600
Heating efficiency according to ErP (1254/2014)	%	92	91	92	92	92
SPI according to ErP	W/m ³ /h	0.17	0.15	0.17	0.20	0.25
Housing sound power level	dB(A)	39 @ 158m ³ /h, 50 Pa	41 @ 230m ³ /h, 50 Pa	50 @ 280 m ³ /h, 50 Pa	47 @ 315 m ³ /h, 50 Pa	53 @ 420 m ³ /h, 50 Pa
Filter category	-	ISO Coarse 60% (formerly G4)				
Optional filter category	-	ISO ePM1 50% (formerly F7) / active charcoal filter ISO ePM 2.5 50 % (formerly M6)				
Enthalpy heat exchanger as standard	-	Yes	Yes	Yes	No	No
Duct connection	-	DN125	DN160	DN180	DN200	DN200
Preheater included as standard	-	Yes				
Bypass as standard	-	Yes				
Constant flow	-	Yes				
Dimensions (W x H x D)	mm	600 x 650 x 455	650 x 750 x 560	650 x 750 x 560	850 x 800 x 660	850 x 800 x 660
Weight	kg	29	37	38.5	49	49





Direct link
to full video!

Highlights

system accessories and services



WOLF UniAir design valves 125R and 125Q

- Fast and easy installation
- Design covers held in place by magnets - easy to remove and exchange
- Even air distribution and comfortable room ventilation without draughts
- Air flow regulation at the valve possible thanks to annular gap limiter
- Suitable for ceiling and wall installation
- UV resistant
- AirShield to shield 120° of the outflow



WOLF UniAir air distribution system

- Anti-static and anti-microbial made from food grade plastic
- Various air distributors - suitable for every application
- Top-class airtightness of the entire system and error-free assembly thanks to the click and sealing ring system
- Available as round duct DN90, DN75, DN63 or flat duct 50×140 or 50×100
- Supply and extract air outlets as ceiling or floor versions
- Various sound insulation measures ensure virtually noiseless air distribution



UniAir Pure Induct

- Filters ultra-fine dust particles such as bacteria, pollen, fungal and mould spores and odours
- Filter easy to change
- Greatly extended filter service life
- Fast and easy installation
- Fully automatic operation
- Special filter technology with electrostatic charging for separating the finest particles PM 2.5 up to 99% separation



Roof ducts & facade elements

- Pre-assembled roof duct sets for reduced assembly work on site
- Roof ducts in various designs suitable for pitched and flat roofs
- UniAir design double grille for connecting outside and exhaust air
- Various finishes in stainless steel, anthracite grey and white



WOLF design software

- Free and user-friendly design of the entire domestic ventilation system in just a few minutes
- Flow rate calculation according to DIN 1946-6
- Integrated creation of installation path recommendation
- Complete printout of all information (e.g. materials list with gross prices, overflow openings, line schematic, ventilation concept, restrictor calculation)



Direct link to the software!

**Do you have any questions about this brochure?
Feel free to 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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EN/01.23 Art. no. 4801448