

HWF

WALL-MOUNTED FAN COIL UNITS

HEATING AND COOLING,
DESIGNED FOR MODERN
LIVING



HEATING AND COOLING

2-pipe system



EC MOTOR

up to 70 % lower
electricity consumption



QUIET OPERATION

comfort in every
room



REMOTE CONTROL

remote control with integrated
LED display



DESIGNED FOR MODERN
ARCHITECTURE AND
MAXIMUM COMFORT

WHY CHOOSE HWF?

HWF wall-mounted fan coil units are designed for those who value comfort, quiet operation and aesthetics. Modern technology, energy-efficient operation and easy installation for every application.



HEATING AND COOLING

One unit for heating and cooling all year round



QUIET OPERATION

Exceptionally low noise levels ensure peace and comfort in every room



EC MOTOR

Up to 70 % lower electricity consumption and higher efficiency



REMOTE CONTROL

Convenient remote control with integrated LED display



HYDROPHILIC HEAT EXCHANGER

Improved heat transfer and corrosion protection



INTEGRATED AIR FILTER

Cleaner air and unit protection



COMPACT DESIGN

Slim housing and modern form



INDIVIDUAL CONTROL

Independent control for each room

WHERE DOES HWF FIT?

HWF fan coil units - a flexible, aesthetic solution for spaces where comfort, quiet operation and modern design matter.



RESIDENTIAL PROJECTS AND APARTMENTS

Ideal for apartments and houses where comfort, quiet operation and aesthetics matter.



HOTEL ROOMS

Ensures quiet operation at night and optimal comfort for every guest.



OFFICES AND WORKSPACES

Individual zone control helps create an efficient and comfortable working environment.



HEALTHCARE FACILITIES

Clean air and stable temperature control for the comfort of patients and staff.



RENOVATION PROJECTS

Easy installation and compact dimensions make it simple to upgrade existing systems.



ONE UNIT - ENDLESS POSSIBILITIES

HWF is suitable for both new-build and renovation projects.

KEY HWF BENEFITS



EC MOTOR

Up to 70 % lower electricity consumption and higher efficiency



QUIET OPERATION

Low noise levels from 18 dB(A) let you enjoy peace and quiet at any time of day



HYDROPHILIC HEAT EXCHANGER

Improved heat transfer and corrosion protection ensure long service life and high efficiency



INTEGRATED AIR FILTER

Cleaner air and easy maintenance - the filter is easy to remove and clean



REMOTE CONTROL

Convenient IR remote control and clear LED display make all functions easy to control



AUTOMATIC LOUVERS

Airflow direction adjustment left / right and up / down helps achieve even comfort throughout the room



COMPACT DESIGN

Modern, slim housing blends seamlessly into any interior and saves space



INDIVIDUAL CONTROL

Each room is controlled independently - maximum comfort and energy savings

KEY SPECIFICATIONS



AIRFLOW 220-1200 m3/h



HEATING CAPACITY up to 7,2 kW



COOLING CAPACITY up to 6,7 kW



NOISE LEVEL from 18 dB(A)



SYSTEM 2-pipe



TEMPERATURE RANGE 5-70 °C



THOUGHTFUL TECHNOLOGY FOR YOUR COMFORT

Modern components and intelligent control ensure reliable operation and maximum efficiency every day

HOW HWF WORKS

HWF fan coil units provide even airflow and maintain the desired temperature throughout the room, operating quietly and efficiently every day.



COOLING MODE

- ✓ Even distribution of cool air
- ✓ Automatic louvers direct airflow where needed
- ✓ Even cool-air distribution – greater comfort



HEATING MODE

- ✓ Warm air is distributed evenly
- ✓ Quickly heats the room and maintains a stable temperature
- ✓ Comfortable warmth throughout the space



QUIET OPERATION

Exceptionally low noise levels - comfort for bedrooms and workspaces



INDIVIDUAL CONTROL

Each room is controlled independently according to need



ENERGY SAVING

EC motors and advanced technologies reduce electricity consumption by up to 70 %.



SMART CONTROL

Convenient control by remote control or via Wi-Fi



RELIABLE OPERATION

High-quality components ensure long service life and stable operation

KEY HWF PARAMETERS

HWF wall-mounted fan coil units with EC motor - efficiency, quiet operation and flexible application in various spaces.



AIRFLOW 220-1200
m3/h



HEATING
CAPACITY up to
7,2 kW



COOLING
CAPACITY
up to 6,7 kW

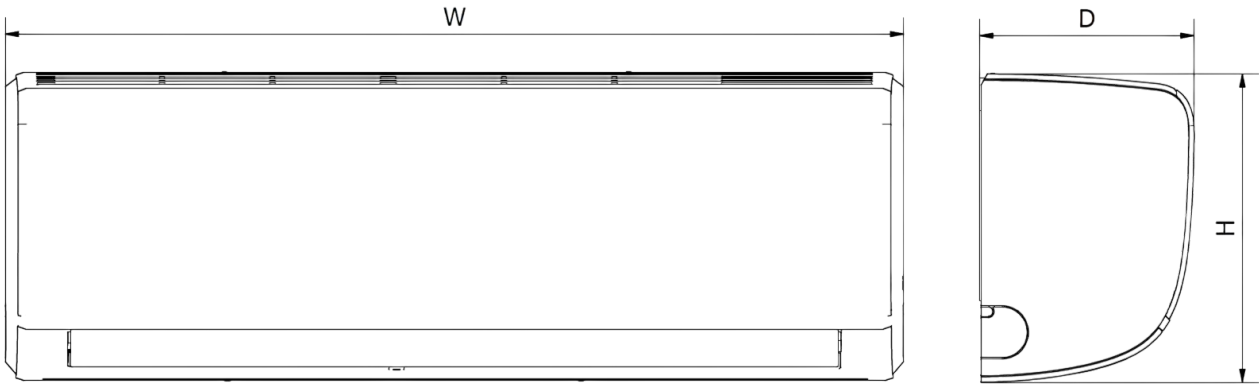


NOISE LEVEL
from 18 dB(A)



EC MOTOR
up to 70 % lower
electricity
consumption

DIMENSIONS AND OVERALL SIZE



DIMENSIONS (mm)

Dim.	HWF43-EC	HWF51-EC	HWF68-EC	HWF85-EC	HWF102-EC	HWF120-EC
W	850	850	972	972	1081	1081
D	203	203	221	221	248	248
H	291	291	303	303	327	327

Dimension tolerance: ± 2 mm.

TECHNICAL DATA

Model			HWF43-EC	HWF51-EC	HWF68-EC	HWF85-EC	HWF102-EC	HWF120-EC
Airflow	m³/h	Max.	430	510	680	850	1 020	1 200
		Med.	330	395	530	650	765	880
		Min.	220	270	355	460	520	620
Total cooling capacity 7/12/27°C	W	Max.	2 669	3 131	3 687	4 422	5 984	6 722
	W	Med.	2 162	2 467	2 949	3 613	4 817	5 384
	W	Min.	1 511	1 841	2 304	2 609	3 501	4 053
Sensible cooling capacity 7/12/27 °C	W	Max.	2 150	2 522	2 979	3 571	4 821	5 416
	W	Med.	1 741	1 988	2 383	2 918	3 881	4 338
	W	Min.	1 217	1 483	1 862	2 107	2 820	3 266
Heating capacity 45/40/20°C	W	Max.	2 812	3 343	3 910	4 715	6 388	7 173
	W	Med.	2 297	2 631	3 128	3 838	5 143	5 760
	W	Min.	1 603	1 962	2 444	2 772	3 737	4 290
Power supply			220 V / 1Ph / 50/60Hz					
Max. power input	W		13	19	25	37	42	57
Max. current	A		0,11	0,17	0,22	0,32	0,37	0,50
Sound level	dB(A)	Max.	32	35	41	47	45	49
		Med.	26	29	35	40	40	43
		Min.	18	22	25	30	31	34
Max. water flow	l/h	Cooling	459	538	634	761	1029	1156
		Heating	484	575	672	811	1099	1234
Max. pressure drop	kPa	Cooling	24	30	24	30	32	40
		Heating	31	37	32	40	38	48
Max. operating pressure	MPa		1,6					
Insulation class			E					
Fan type			Tangential					
Motor type			EC motor					
Heat exchanger type			2-row					
Heat exchanger material			Copper - aluminium					
Water connections			ZG1/2" external tapered thread					
Condensate drain	mm		Ø16					
Controller			Infrared remote control					
Unit dimensions (L/D/H)	mm		850×203×291	850×203×291	972×221×303	972×221×303	1081×248×327	1081×248×327
Package dimensions (L/D/H)	mm		927×287×365		1044×304×374		1155×342×410	
Net weight	kg		9,8	9,8	12,7	12,7	15,0	15,0
Gross weight	kg		11,6	11,6	14,7	14,7	17,8	17,8

CONTROL AND FUNCTIONS

Intuitive control that makes it easy to tailor the HWF fan coil unit to your comfort needs



INDIVIDUAL COMFORT

Each room is controlled independently according to need



ENERGY SAVING

Smart functions help reduce energy consumption



QUIET OPERATION

Special modes ensure quiet operation and comfort at any time of day



SMART CONTROL

Wi-Fi function (where applicable) allows the unit to be controlled via a smart device

HWF - maximum comfort, easy control and modern technology for your home or office



INDIVIDUAL CONTROL FOR EVERY ROOM

HWF wall-mounted fan coil units offer versatile control functions for maximum comfort and convenience.



AUTO MODE
Automatically selects heating, cooling or fan mode according to room temperature.



LOUVER POSITION CONTROL
Adjust the air discharge direction as required.



HEATING
Provides pleasant warmth during the cold season.



SWING FUNCTION
Automatic louver movement ensures even air distribution.



COOLING
Efficiently cools the room while maintaining comfort.



SLEEP MODE
Maintains quiet operation and automatically adjusts the temperature during sleep.



DEHUMIDIFICATION
Reduces room humidity and maintains an optimal indoor climate.



TIMER
Program the unit to switch on or off at a convenient time.



FAN MODE
Provides continuous air circulation without heating or cooling.



°C/°F SWITCHING
Easily switch between temperature units.



FAN SPEEDS
Select the desired airflow speed from low to high.



DISPLAY ON / OFF
Turn off the indoor unit display so it does not disturb you at night.



WI-FI INDICATOR (WHERE APPLICABLE)

The indicator shows Wi-Fi connection status and allows the unit to be controlled via smartphone or tablet.

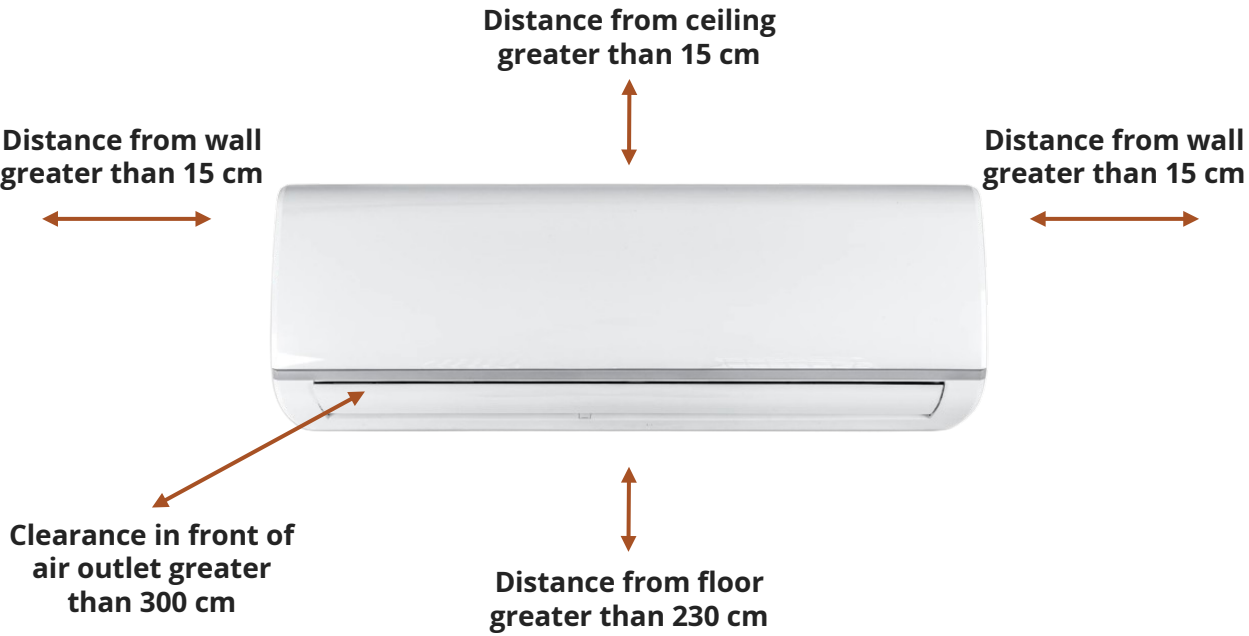


INSTALLATION AND MAINTENANCE

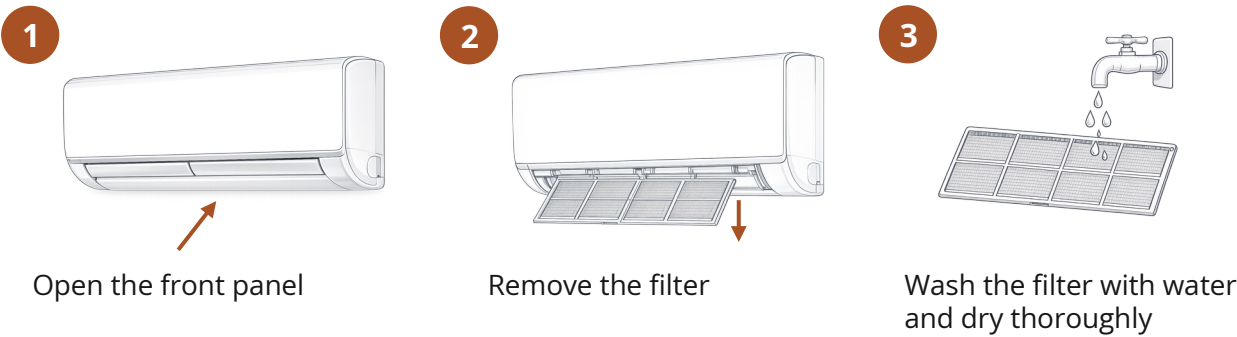
EASY INSTALLATION. EASY MAINTENANCE.

HWF wall-mounted fan coil units are designed for quick and convenient installation and simple, safe routine maintenance.

1 INSTALLATION CLEARANCES



2 FILTER REMOVAL AND CLEANING



EASY MAINTENANCE
The front panel opens upwards, allowing quick and convenient filter cleaning and periodic maintenance.



ACCESSORIES

A wide range of accessories ensures convenient control, precise temperature regulation and smooth system operation.

01 THERMOSTATIC VALVE TVSP15



- Operating temperature - 10...+120 °C
- Thread 1/2"
- Pressure class PN10
- Kvs - 2,0

02 RETURN FLOW LIMITER (STRAIGHT) LS15



- Operating temperature - 10...+120 °C
- Thread 1/2"
- Pressure class PN10
- Kvs - 2,0

03 RETURN FLOW LIMITER (ANGLED) LA15



- Operating temperature - 10...+120 °C
- Thread 1/2"
- Pressure class PN10
- Kvs - 2,0

04 ACTUATOR FOR THERMOSTATIC VALVE A230-NC



- Operating voltage - 230 V AC
- Power consumption - 2 W
- Protection rating - IP54
- Connection thread - M30 x 1,5
- Housing material PC/ABS

05 ROOM THERMOSTAT CT23



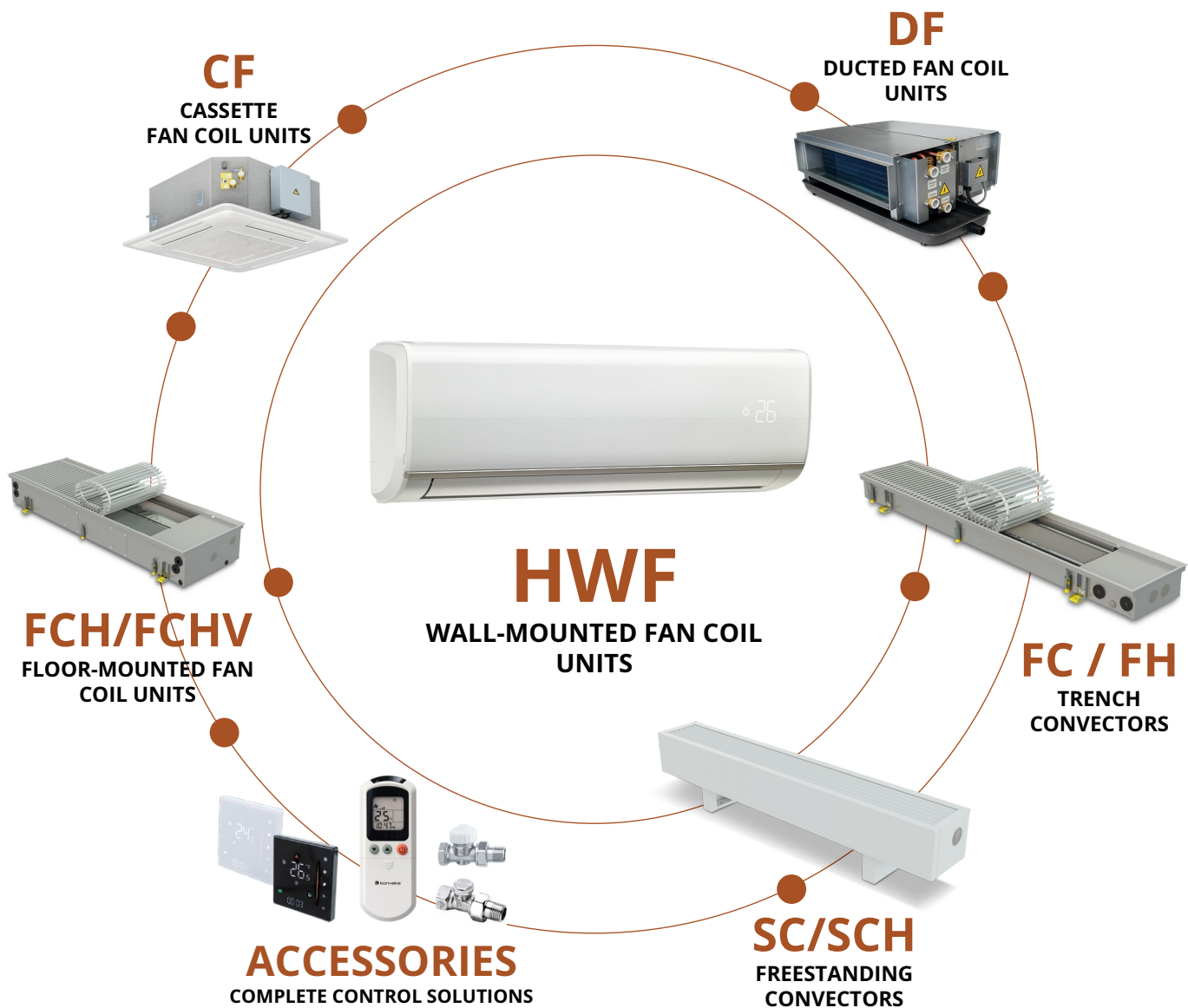
- Dimensions 88 x 88 x 43 mm
- Weekly temperature schedule programming
- Operating temperature 5-35 °C
- Operating voltage - 230 V AC, max. relay contact current - 3A
- Power consumption - 1,5 W



Accessories and technical information are available at www.konveka.com

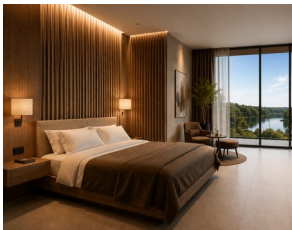
KONVEKA PRODUCT ECOSYSTEM

Integrated heating and cooling solutions - from heating and cooling to controls and accessories. Everything required for a comfortable and efficient building environment.



OFFICES

For comfortable workplaces



HOTELS

For reliable guest comfort



COMMERCIAL SPACES

Flexible solutions for various applications



RESIDENTIAL PROJECTS

Efficient and quiet for everyday living

ABOUT KONVEKA

KONVEKA is a Lithuanian engineering company with more than 20 years of experience in creating high-quality heating and cooling products for modern architecture.

Our solutions combine efficiency, reliability and aesthetics - so buildings are not only functional, but inspiring.



20+
YEARS OF EXPERIENCE

For more than two decades, we have been manufacturing convectors and fan coil units



30+
COUNTRIES

Our products are used worldwide



1 000+
COMPLETED PROJECTS

Reliable solutions for residential, commercial and public buildings



**EUROPEAN
ENGINEERING**

Designed in Lithuania to the highest quality standards

OUR VALUES



**ARCHITECTURE
FIRST**

Products that integrate naturally into modern architecture



RELIABILITY

High-quality materials and strict quality control



EFFICIENCY

Maximum thermal efficiency and low energy consumption



COMFORT

Quiet operation and even warmth - comfort every day



**FLEXIBLE
SOLUTIONS**

A wide product range for every project

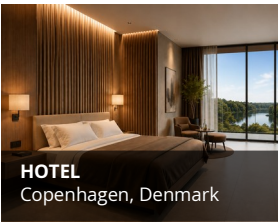
KONVEKA SOLUTIONS - FOR MODERN ARCHITECTURE



OFFICE COMPLEX
Vilnius, Lithuania



RESIDENTIAL COMPLEX
Stockholm, Sweden



HOTEL
Copenhagen, Denmark



CULTURAL CENTRE
Oslo, Norway



COMFORT CULTURE



www.konveka.com



sales@konveka.lt



+370 677 06303