

# ES fan coil wall FCW series



New  
product  
series FCF  
Increased  
performance  
and efficiency

## Economical and efficient fan coil designed optimal indoor climate



- Easy to set up with with user-friendly remote
- Works both for cooling and for heating
- High performance even at low temperatures
- Increases the efficiency of a hydronic heating system



Economic, comfortable and good for the environment

# Developed using the latest technology

**A fan coil can be easily described as a high efficiency water heater with a built-in fan. The hot/cold water from for example an ES multifunction tank or other heat source, heats or cools the radiator element and the fan then blows out warm/cold air into the house. The fan coil unit also increases the efficiency of a hydronic heating system.**

## High capacity

For those who have a house with direct delivery electric radiator system and which lacks a waterborne distribution system, the fan coil units are a very good option when you convert the heating system to water heat together with for example a heat pump. It is generally considerably cheaper and more efficient to install a few fan coil units in the building instead of installing traditional radiators. The capacity of a fan coil is usually considerably higher than a conventional radiator in relation to size.

The placement of a fan coil is important for energy savings. They should be placed in a well-chosen spot in the house which allows the heat to circulate efficiently and to maximise savings.

The optimal placement is in ground floor main room, usually living room, open to the hallway, dining area and any staircase to upstairs.

ES Fan Coils are configured to easily replace an existing radiator. The units can be hung directly on the wall or stand on the floor. The pipes to the fan coil can be concealed and connections can be made behind or at the base of the unit, the flexible connecting hose makes it easy to adjust the fan coil low and high heat levels.

## User remote

ES FCW convectors have an intuitive remote control where it is easy to change settings such as set temperature and fan speed. FCW series have a very low noise level.

## Combining units for maximum effect

FCW series can withstand water temperatures of up to 70 degrees Celsius and a major advantage is that the units deliver extremely good heat even at low water temperatures. In combination with heat pump, this is a major benefit, when lower flow temperatures in the heating system results in higher efficiency of the heat pump.



Model		FCW 12.1	FCW 18.1
Type		Wall	Wall
(a) Cooling capacity	kW	2.49	3.21
(b) Heating capacity	kW	4.94	6.58
Max working pressure	bar	10	10
Water connection	inch	G1/2	G1/2
Highest air flow	m3/h	650	1100
Power supply	V/ph/Hz	230/1/50	230/1/50
Max power consumption	W	35	72
Max noise level	dB(A)	35	37
Dimension	mm	890X280X210	1020X315X210
Net weight	kg	12	15
Article number		120012	120013

(a) Cooling: Water out 7/12°C; Room temperature DB/WB 27/19°C.

(b) Heating: Water out 60°C; room temperature 20°C.

