

Chilled water air-conditioning systems
Wall-mounted unit

KaCool W





Unbeatable advantages



KaCool W at a glance



Details



Control options



Performance data



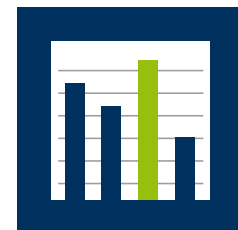
Dimensions



Benefits for you!



KaCool W:
Quick delivery. Quick installation. Great climate.



KAMPMAN
Genau mein Klima.

Discreet

Elegant enough to notice - discreet enough not to stand out.
Subtly creating the perfect climate.



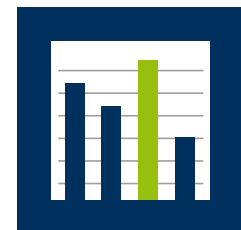
Easy access

The KaCool W is also incomparable on the inside: thanks to its clever design, there is even enough space inside the unit for the optional condensate pump. All components are easily accessible for maintenance.



Fast delivery: stock units

Last minute? We'll take care of that: we'll get your KaCool W to site directly from stock.



The choice is yours!

The KaCool W product range gives you freedom of choice:
AC or EC motors, 2 or 3-way valves, 4 unit sizes and a host
of control options.



4 screws and you're done!

Easy 4-point fixing to secure into position. It couldn't be any simpler.
You'll remember how quick and easy it is for the next time!



EC technology: the ace up your sleeve

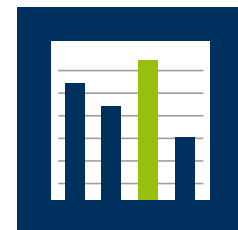
New EC technology is a revolution in electronic drive technology. It enables precise adjustment to output requirements thanks to its continuously variable operation.



- ① Filter
- ② Casing
- ③ Air outlet
- ④ Heat exchanger
- ⑤ Valve
- ⑥ Condensate pump (optional)



KaCool W at a glance



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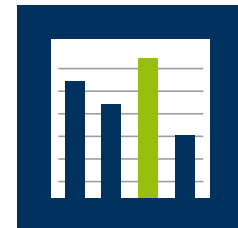
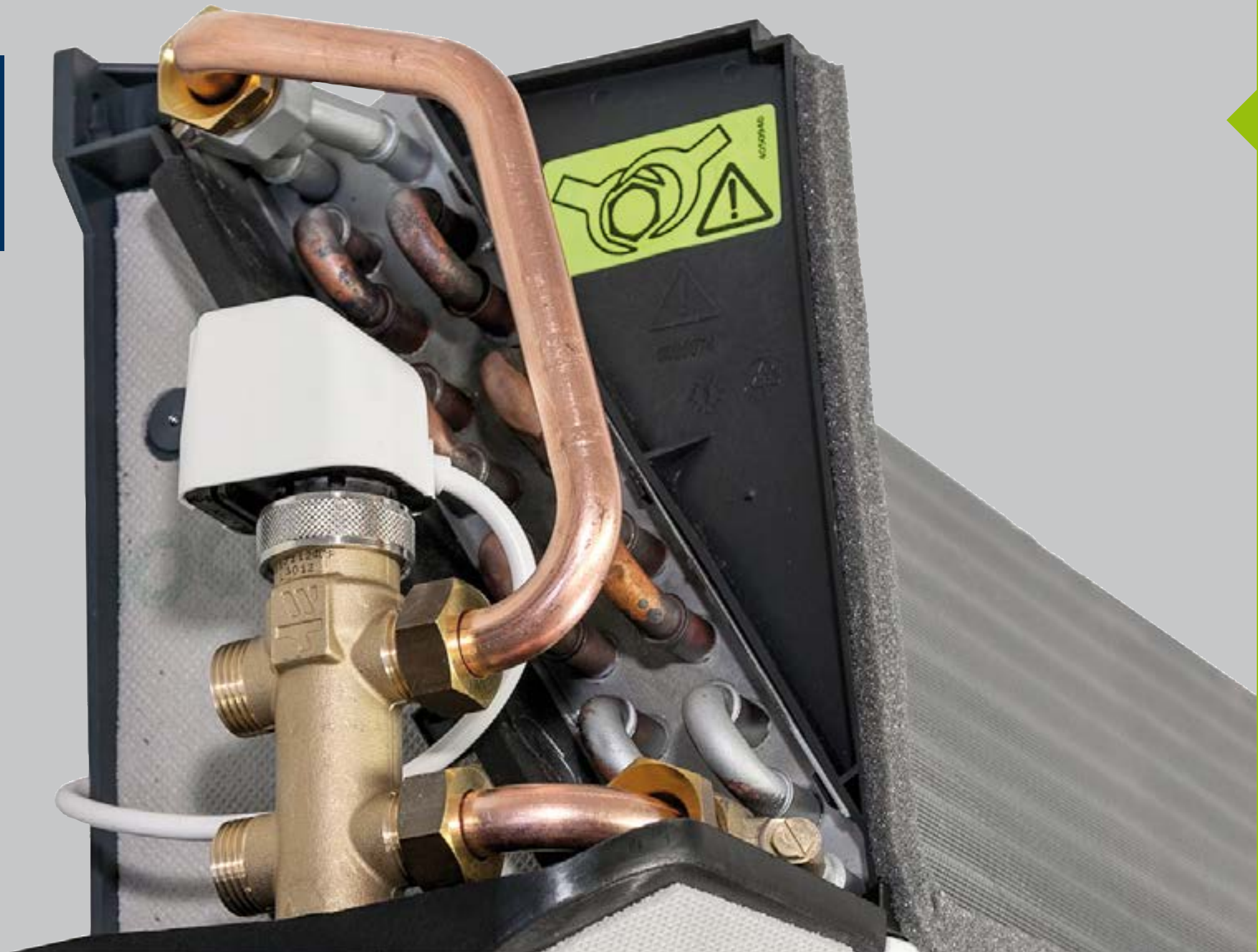
Filter

- ▶ Air intake grille with removable regenerative air filter
- ▶ Concealed



Valves

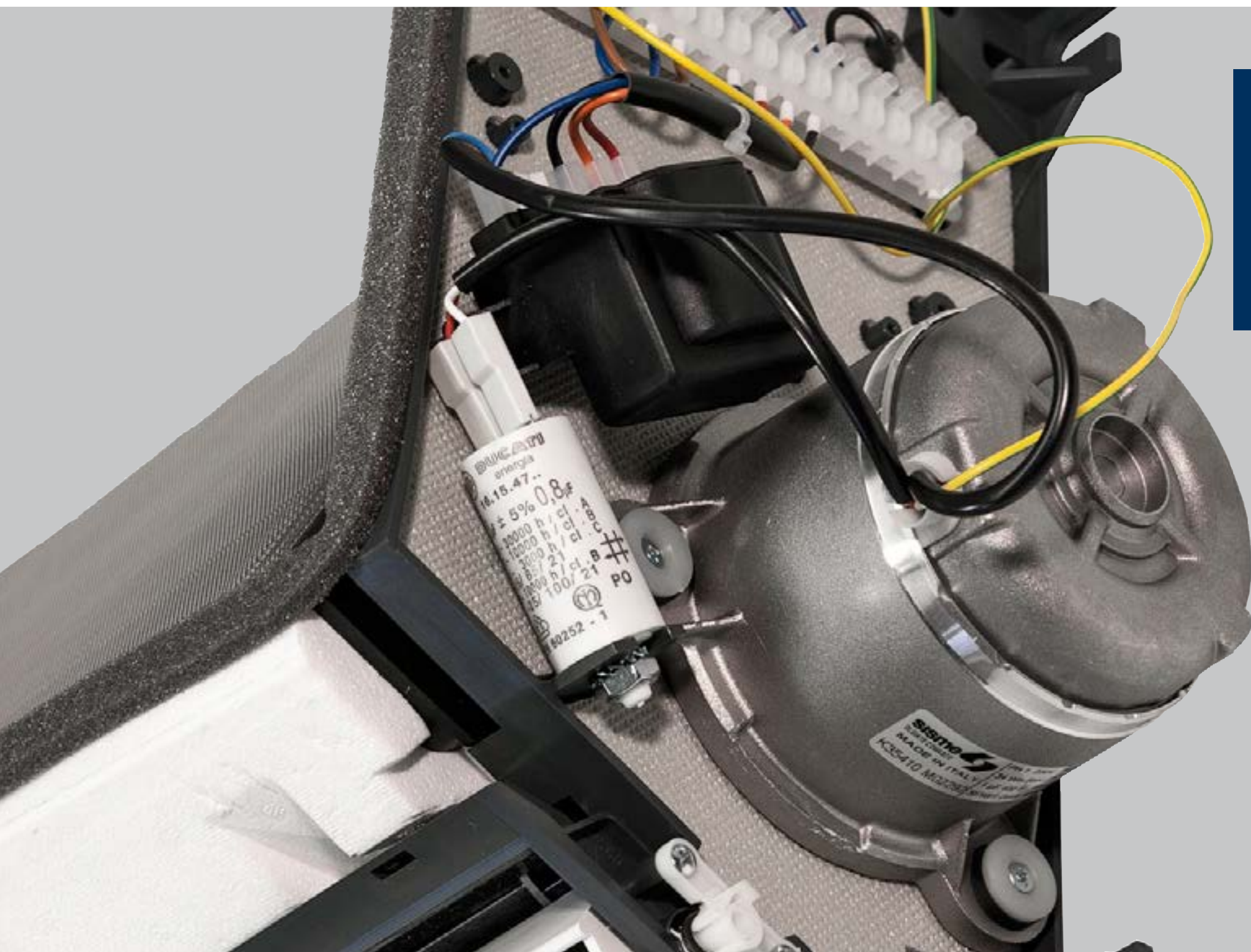
- Optional: 2 or 3-way valve as an accessory



Condensate pump

- Optional for mounting inside the KaCool W





Motor

- ▶ High-quality and silent impeller
- ▶ Fan unit either multi-stage AC or continuously variable EC fan





Actuator (only with IR remote control)

- ▶ Air outlet louvre, continuously variable motorised drive: for improved air distribution and fewer draughts



Control options



KaControl room automation

- ▶ Factory-fitted KaControl technology to set up networked total systems based on a KaControl control system
- ▶ Interfaces for BACnet* or Modbus building automation as an optional plug-in unit
- ▶ 0-10 V analog input to control the fan and valve via a single data point
- ▶ Room control unit design with intuitive user guidance
- ▶ Integral timer program

* Web server integrated

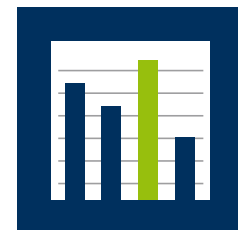


Infra-red remote control

- ▶ Convenient operation of all functions
- ▶ Fit separate infra-red receiver simply
- ▶ Adjustable temperature, fan speed and heating/cooling mode

Electromechanical control

- ▶ Cost-effective control components
- ▶ Easy to use
- ▶ Functional and robust design



Accessories - Valves

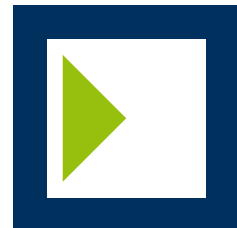


3-way valve

- ▶ For ease of installation
- ▶ Including thermoelectric actuator
- ▶ When the valve is switched off, the flow is diverted via the bypass
- ▶ Includes shown pipework

2-way valve

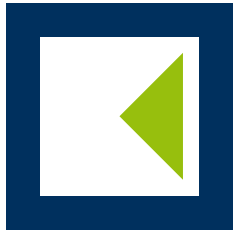
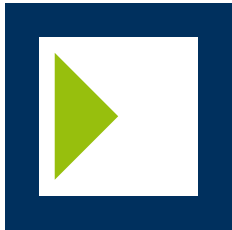
- ▶ For ease of installation
- ▶ Including thermoelectric actuator
- ▶ When the valve is switched off, the flow is blocked
- ▶ Includes shown pipework



Accessories - Condensate pump



Max. pump capacity (l/h)		
Vertical length	Horizontal length	
m	5 m	10 m
1	7,6	7,2
2	5,6	5,2
3	4,0	3,7
4	3,2	2,9



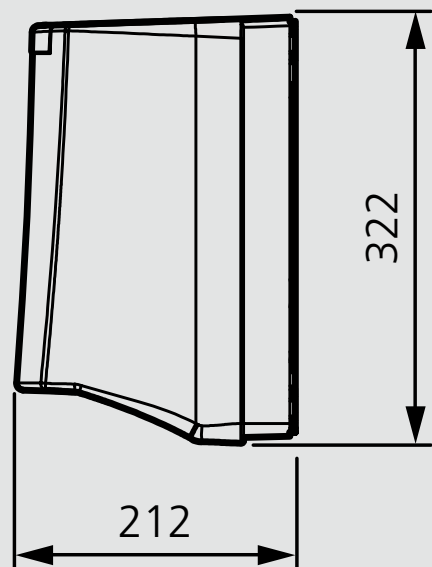
Performance data

Size	Model	Cooling output ¹⁾	Heat output ²⁾	Air volume	Sound pressure level ³⁾	Control option	Art. no.
		[kW]	[kW]	[m³/h]	[db(A)]		
1	AC	1,24/1,50/1,87	1,6/2,0/2,57	205/270/375	26/32/39	Cassette without built-in control	324006112000
						Infrared remote control and receiver	324006112000W
	EC	1,17–2,00	1,5–2,78	190–415	26–43	Cassette without built-in control	324006212000
						KaControl	324006212000C1
2	AC	1,43/1,84/2,18	1,92/2,58/3,16	250/365/480	30/38/44	Cassette without built-in control	324006122000
						Infrared remote control and receiver	324006122000W
	EC	1,47–2,26	1,94–3,23	260–510	31–46	Cassette without built-in control	324006222000
						KaControl	324006222000C1
3	AC	1,89/2,32/3,03	2,3/2,9/3,99	280/375/545	26/31/39	Cassette without built-in control	324006132000
						Infrared remote control and receiver	324006132000W
	EC	1,83–3,29	2,2–4,25	270–620	28–44	Cassette without built-in control	324006232000
						KaControl	324006232000C1
4	AC	2,62/3,26/3,81	3,33/4,3/5,2	440/610/790	34/42/48	Cassette without built-in control	324006142000
						Infrared remote control and receiver	324006142000W
	EC	2,34–3,75	2,87–4,99	375–770	34–48	Cassette without built-in control	324006242000
						KaControl	324006242000C1

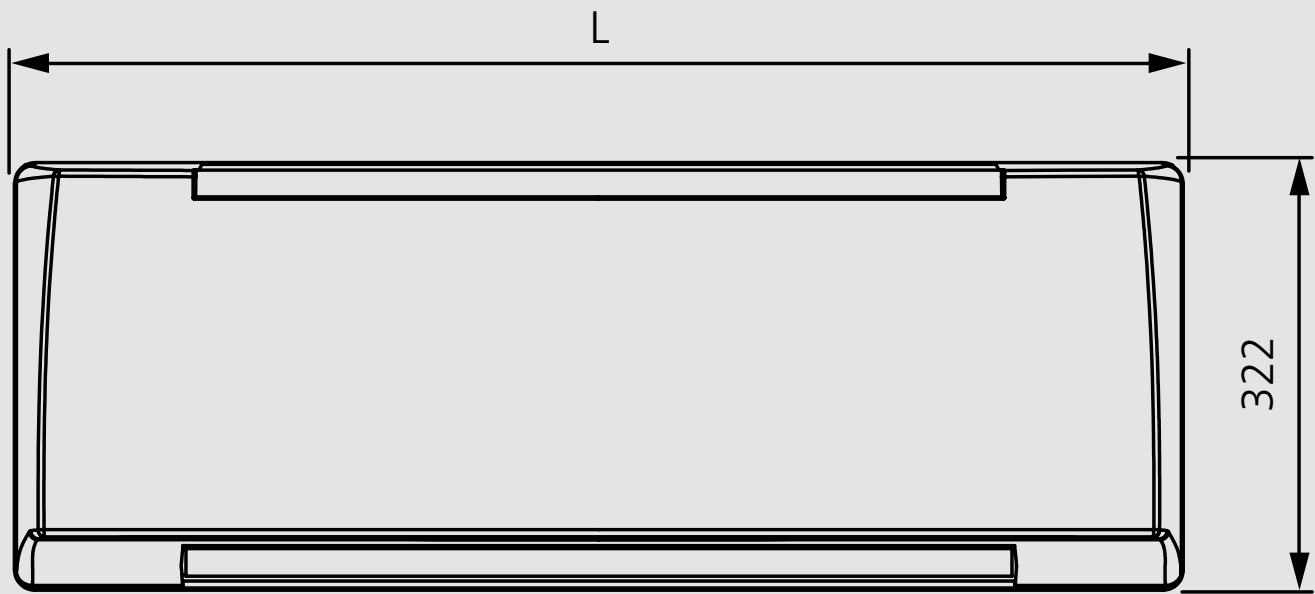
¹⁾ at LPCW 7/12 °C and t_{L1} = 27 °C and 48 % relative humidity ²⁾ Wall-mounted unit: at LPWW 50/40 °C and t_{L1} = 20 °C ³⁾ Sound pressure level given at a 9 dB(A) room insulation mass



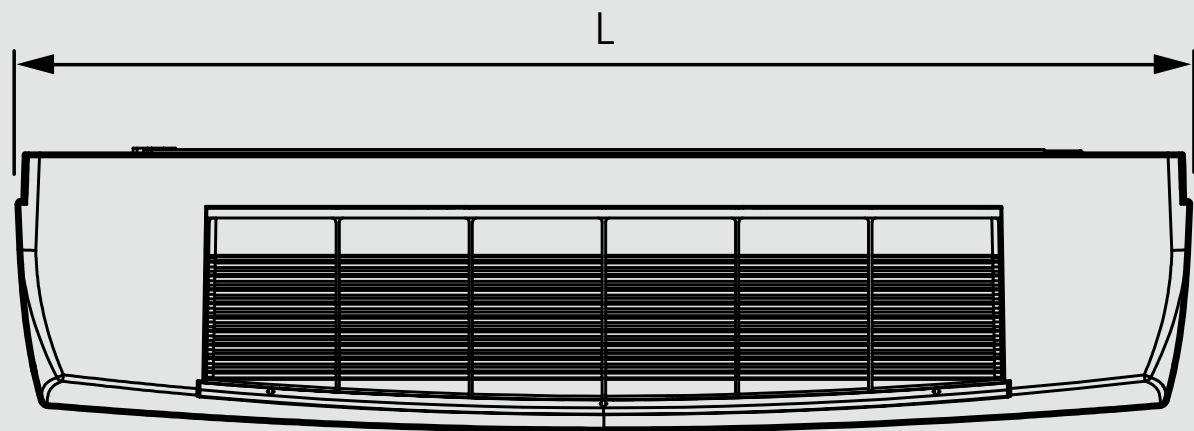
Dimensions



Side view



Front view

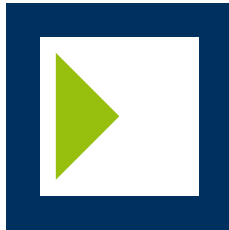


Top view

Casing lengths (L)

Size 1 + 2: 880 mm

Size 3 + 4: 1185 mm



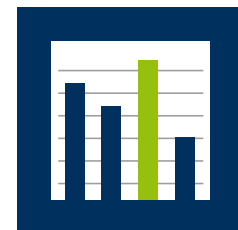
Benefits for you!

Kampmann offers you the following service benefits:

- ▶ On-site advice
- ▶ Design support for all projects
- ▶ System solutions
- ▶ Detailed advice
- ▶ Operational testing
- ▶ Programming
- ▶ Optimisation by remote monitoring
- ▶ After-sales service

We're here for you:

[Kampmann.co.uk/contact](https://kampmann.co.uk/contact)



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