



VIESSMANN

DALITIATIPAGAISA / UNDERTAIN HEAT

Ideal for new build or modernisation:
VITOCAL 200-S



**Thermal comfort with
convincing value for
money**

Extremely quiet heating
and cooling Simple
control High energy
conversion coefficient
(COP)

One unit for heating and cooling. And it's powered by energy that's freely available in the outdoor air. Your home will benefit from a heating system that meets future requirements...

...when choosing a Vitocal 200-S air/water heat pump



The Vitocal 200-S air/water heat pump uses heat that is freely available in the outdoor air. This guarantees a cost-effective and environmentally friendly heat supply. If you prefer, you can also use the heat pump for cooling in hot weather.

A compact and efficient heat pump - what a modern heating system looks like today

"The Vitocal 200-S uses a split-type design. The efficient, variable-speed scroll-type compressor and fan are integrated in the outdoor unit. The indoor unit components such as the heat exchanger and the control unit, and is distinguished by its compact, space-saving design.



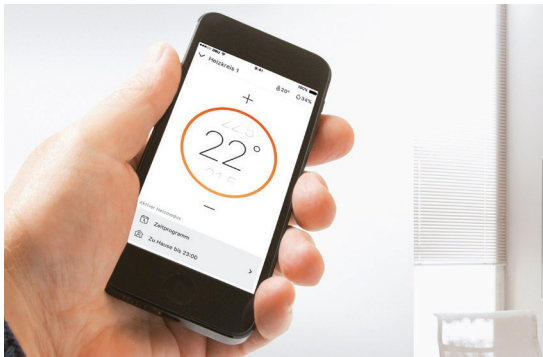
Vitocal 200-S:
certified to the EHPA Heat Pump
Quality Mark.

Extremely quiet operation - to enjoy the silence. Your neighbours too

The latest outdoor unit designs on ultra-quiet operation. The new "Advanced Acoustic Design" (AAD) works convincingly: this design includes high-quality, acoustically optimised fans, intelligent speed control and double flexibly separated cooling circuit components. This makes the Vitocal 200-S the quietest outdoor unit available to date. Ideal heat pump for densely populated areas such as terraced housing estates.



VITOCAL 200 -S



Advanced technologies for future-proof heating systems

"Viessmann heat pumps are a successful synergy of proven system engineering with state-of-the-art components. So you can rely on reliable and extremely long-lasting operation. And low operating costs throughout entire system life cycle thanks to the high COP value, i.e. the ratio of the useful heat produced to the drive energy used.

Value for money investment in new building

- A high COP value (up to 5.0) ensures low running costs. Extremely quiet operation
- Heating and cooling

The ViCare app: everything simple

Simple text and graphical display make the Vitotronic 200 integrated control unit easy and intuitive to use. All settings can be quickly set or changed via menu navigation. With the free "ViCare" app from Viessmann, the unit can be conveniently controlled with any mobile device, such as a smartphone, tablet or PC. Anytime, anywhere.

Modulating action: continuously adjusted for economy

The Vitocal 200-S split-type heat pumps are designed for maximum efficiency. This way, it will pay you back in the long run to invest in environmentally friendly, sustainable heating technology. This is made possible, among other things, by the modulating operating mode. In addition, the amount of heat produced is adapted to the respective consumption.

This ensures high efficiency at all times - even at part load.



VITOCAL 200-S

Indoor unit

- 1 Flow sensor
- 2 Heating water instantaneous water heater (not type AWB/AWB-M)
- 3 Capacitor
- 4 3-way diverter valve "Heating / Drinking water heating"
- 5 Secondary pump (high efficiency recirculation pump)
- 6 Vitotronic 200" regulation



VITOCAL 200-S outdoor unit

- 1 Coated evaporator with wavy fins to increase efficiency
- 2 Energy-saving variable-speed DC fan
- 3 Variable speed scroll type compressor
- 4 4-way diverter valve
- 5 Electronic Expansion Valve (EEV)

"VITOCAL200-S" PREVENTION

- + Efficient and economical operation.
- + One unit for heating and cooling.
- + Connect to the internet with the free ViCare app and Vitoconnect (optional).
- + "Advanced Acoustic Design" (AAD) ensures extremely quiet operation.
- + The easy-to-use Vitotronic control unit with simple text and graphic display.
- ++ Eligible for financial support for upgrading.

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Split-type air/water heat pump **VITOCAL 200-S**

Vitocal 200-S	Type	AWB-M /AWB-M-E-AC				AWB /AWB-E-AC		
		201.D04	201.D06	201.D8	201.D010	201.D10	201.D13	201.D16
Voltage	V	230	230	230	230	400	400	400
Power parameters, heating (according to EN 14511, A2/W35)	kW	2,6	3,1	4,0	5,0	5,9	6,3	7,0
Energy conversion factor ϵ (COP)		3,6	3,7	4,0	4,0	4,1	4,0	3,9
in heating mode Power control	kW	2,0 - 4,1	2,4 - 5,5	2,8 - 7,0	4,4 - 9,6	4,4 - 10,1	4,8 - 10,6	5,2 - 11,2
Power parameters, heating (according to EN 14511, A7/W35, temperature difference 5 K) Energy conversion factor ϵ (COP) for heating	kW	4,0	4,8	5,6	7,0	7,6	8,6	10,1
		4,6	4,6	4,7	4,7	5,0	4,9	5,0
in Power adjustment mode	kW	2,4 - 4,2	3,0 - 6,3	3,5 - 7,5	5,5 - 12,6	5,5 - 12,6	5,9 - 13,7	6,4 - 14,7
Power parameters, heating (according to EN 14511, A-7/W35, temperature difference 5 K) Energy conversion coefficient ϵ (COP) in heating mode	kW	3,8	5,5	6,7	8,7	10,1	10,7	11,6
		2,9	2,8	2,9	3,1	3,2	3,0	3,0
Power parameters, cooling (according to EN 14511, A35/ W18)								
Nominal cooling capacity	kW	4,0	5,0	6,0	7,0	7,0	8,2	9,2
Energy efficiency ratio (EER) in cooling mode		4,2	4,2	4,1	4,2	4,0	3,9	3,8
Cooling circuit Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
- Filling volume	kg	1,8	1,8	2,39	3,6	3,6	3,6	3,6
- Global warming potential (GWP) ¹⁾		1924	1924	1924	1924	1924	1924	1924
- CO ₂ equivalent	t	3,5	3,5	4,6	6,9	6,9	6,9	6,9
Indoor unit dimensions Length (depth) x width x height	mm	370 x 450 x 880						
Outdoor unit dimensions								
Length (depth)	mm	546	546	546	546	546	546	546
Width	mm	1109	1109	1109	1109	1109	1109	1109
Height	mm	753	753	753	1377	1377	1377	1377
Weight, Insertion block	kg	44	44	44	45	45	45	45
Weight, outdoor unit	kg	94	94	99	137	148	148	148
Energy efficiency class*	III ⁺	A++ / A+	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++

¹⁾ With reference to the IPCC AR5

* Energy efficiency class according to EU Regulation No 813/2013 Heating, average climate - low temperature use (W35) / medium temperature use (W55)

PRODUCTIONS

- + High product quality and a modern, always up-to-date design - "Made in Germany".
- + If the outside air temperature is -15°C, the maximum supply temperature is up to 55°C.
- + Viessmann ventilation can be adjusted.
- + Prepared for the consumption of electricity generated in the home (e.g. by photovoltaic panels).
- + COP-optimised cascade function for up to five heat pumps.
- + Energy efficiency class*: A++, type 201.D04: A+.

Your trading partner

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