



VIESSMANN

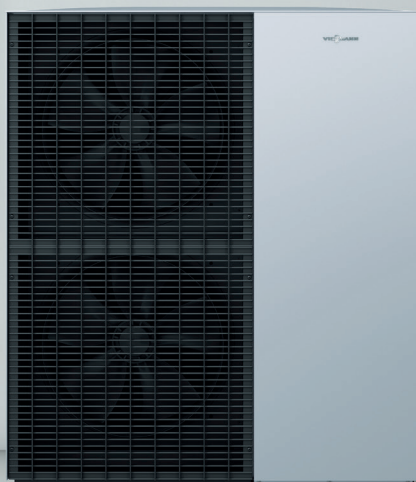
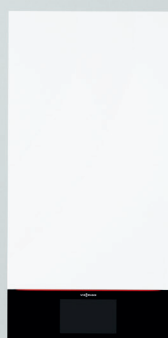
AIR SOURCED HYDRONIC HEAT PUMPS

VITOCAL 150-A

Next-generation hydronic heat pump



German Brand
Since 1917



**Heating and cooling
with green energy**

High efficiency, low
energy consumption



CLIMATE PROTECT

A next-generation hydronic heat pump that is highly suitable for modernisation.

Vitocal 150-A

Air source hydronic heat pump



Product overview

Reliable, compact and more environmentally responsible than ever - the Vitocal 150-A makes particularly efficient use of green energy for heating and cooling and is specially developed for modernisation projects.

Benefits at a glance

- + Monoblock air source heat pumps
- + For room heating/cooling and indirect DHW heating
- + Maximum flow temperature: 70 °C (at an outside temperature of down to -10 °C)
- + Monoblock indoor unit with heat pump control unit, high efficiency circulation pump for the secondary circuit, 4/3-way valve, safety assembly
- + Integral instantaneous heating water heater
- + Integral heating water buffer cylinder and overflow valve



- + More environmentally friendly with a very low GWP100 (global warming potential) of 0.02.

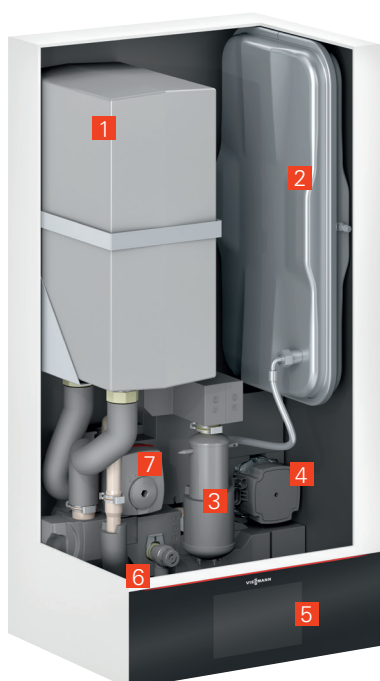


An environmentally-friendly heat pump that enables heating and cooling in one, and is low on running cost.

Vitocal 150-A

Cross-section perspective

Controller & hydrobox



- 1 Heating water buffer cylinder (16 litre capacity)
- 2 Diaphragm expansion vessel (10 litre capacity)
- 3 Instantaneous heating water heater
- 4 Secondary pump (high efficiency circulation pump)
- 5 Heat pump control unit with 7 inch colour touchscreen
- 6 Safety valve
- 7 4/3-way valve for room heating /DHW heating/bypass



Outdoor unit



- 1 Coated evaporator
- 2 Power saving, variable speed DC fan
- 3 Inverter controlled compressor
- 4 Inverter
- 5 Condenser

Comes with warranty protection



Labour



Components

Enjoy peace of mind with these special automation features of the Vitocal 150-A.



More about the ViCare app on our website:



Smart heating control with ViCare

The ViCare thermostat is an intelligent and affordable control unit that optimises the operation of the Vitocal 150-A heat pump and gives you a comfortable indoor room climate controlled via an app.

Enjoy these benefits at home

- + Increased comfort with more stable room temperature
- + Greater energy savings
- + Increased boiler lifetime with less start/stop action

Easier installation and maintenance

- + Designed to work with Viessmann heating systems
- + Virtual room thermostat with wireless Climate Sensor
- + Easier commissioning via ViGuide mobile app
- + Integrated diagnostics and monitoring via ViGwuide



More about the Vitotrol 300-E on our website:



Be in full control with the Vitotrol 300-E

The Vitotrol 300-E is a high quality wireless remote control that controls your heating appliance via an encrypted 2.4 GHz low-power radio connection. It comes with an integrated room temperature sensor and illuminated display.

Enjoy these benefits at home

- + Preset 3 room temperature setpoints
- + Supports up to four heating circuits
- + Time programmes for heating and hot water
- + Possibility of automatic software updates

Easier installation and maintenance

- + No cables needed for installation
- + Easy to install
- + Can connect several Vitotrol 300-E per installation



VISSMANN ONE BASE

Commissioning, maintenance, service and monitoring for all Viessmann systems from a single source.

One system for everything

Viessmann One Base networks the products and systems in Viessmann's integrated range of solutions. Comprehensive climate and energy solutions can now be seamlessly linked digitally- Vitodens gas boilers, Vitocal heat pumps, Vitoair ventilation systems Vitovolt photovoltaic modules and Vitocharge power storage units.

Compatible with other digital services

Thanks to Connectivity Inside, all components work perfectly together with Viessmann Energy Management for more convenience, clarity and efficiency. Networked with the digital services of the future, Viessmann One Base offers even more, besides allowing easy integration of smart home and building management systems from other providers, as well as third party products, such as Wallboxes. Control via voice assistants comes as standard.

ViCare: App for homeowners

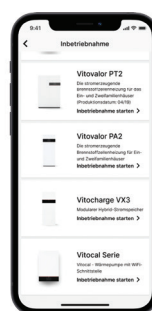


More about the ViCare app on our website:



The Vitocal 150-A has an integrated WiFi interface that connects the heating system to the internet, if required. The ViCare app is used in conjunction with a web-enabled Viessmann heating system to provide you convenient ways of controlling it, and gives you an overview of the heating system status to save energy and costs.

ViGuide: App for installers



More about the ViGuide app on our website:



ViGuide can also be connected to the Vitocal 150-A. Contractors can keep a remote eye on the system and correct possible irregularities immediately by electronic means. This eliminates unnecessary travel and appointments.



Viessmann One Base networks digital services with the complete energy system, including heat pumps, power storage units, photovoltaic systems, ventilation and heat recovery systems. Visual is for illustration purposes only.

Technical specifications



CLIMATE PROTECT +++

PRODUCT FEATURES

- + Monoblock air source heat pumps
- + For room heating/cooling and indirect DHW heating
- + Maximum flow temperature: 70 °C
(at an outside temperature of down to -10 °C)
- + Monoblock indoor unit with heat pump control unit,
high efficiency circulation pump for the secondary circuit,
4/3-way valve, safety assembly
- + Integral instantaneous heating water heater
- + Integral heating water buffer cylinder and overflow valve



More about the
Vitocal 150-A on
our website:



Vitocal 150-A

Vitocal 150-A AWO-M-E-AC(-AF)	Type	251.A10	251.A13	251.A16			
Vitocal 150-A AWO-M-E-AC(-AF)		251.A10 SP	251.A13 SP	251.A16 SP			
Voltage	V	230	230	230			
Vitocal 150-A AWO-E-AC(-AF)	Type				251.A10	251.A13	251.A16
Voltage	V				400	400	400
Heating performance data to EN 14511							
Rated heating output							
Operating point A7/W35	kW	7.3	8.1	9.1	7.3	8.1	9.1
Operating point A-7/W35	kW	9.7	11.1	12.4	9.7	11.1	12.4
Heating performance data to EN 14511 (A7/W35, 5 K spread)							
Rated heating output							
Coefficient of performance ϵ (COP) in heating mode	kW	5.0	4.9	4.9	5.0	4.9	4.9
Output control		2.6 – 12.0	3.0 – 13.4	3.3 – 14.9	2.6 – 12.0	3.0 – 13.4	3.3 – 14.9
Sound power level	dB(A)	59	59	59	59	59	59
Cooling performance data to EN 14511 (A35/W18, 5 K spread)							
Cooling capacity	kW	9.6	11.0	13.2	9.5	11.2	13.3
Energy efficiency ratio EER		4.4	4.0	3.7	4.5	4.1	3.7
Max. cooling capacity	kW	14.4	15.7	17.0	13.4	14.7	16.0
Refrigerant circuit							
Refrigerant		R290	R290	R290	R290	R290	R290
– Charge in delivered condition	kg	2	2	2	2	2	2
– Global warming potential (GWP100 as per IPCC AR6)		0.02	0.02	0.02	0.02	0.02	0.02
– CO ₂ equivalent	t	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
Dimensions							
Length x width x height							
Indoor unit	mm			360 x 450 x 920			
Outdoor unit	mm			600 x 1144 x 1382			
Weight of indoor unit	kg	47	47	47	47	47	47
Weight of outdoor unit	kg	191	191	191	197	197	197
Energy efficiency η_s at W35	%	190	178	178	190	178	178
Energy efficiency η_s at W55	%	145	141	141	145	141	141

We are a world leader in efficient and sustainable heating, water and air quality solutions.



About Viessmann

As a company with over 100 years of German heritage and industry-leading expertise, Viessmann Climate Solutions is one of the world's leading providers of sustainable and efficient climate (heating, water and air quality) and renewable energy solutions.

With 'Efficiency' as our core, we have satisfied the need for heat over four generations. Today, our responsibility goes far beyond that- to sustainably change energy supply around the world. So, we design and produce integrated climate and energy solutions for people and companies worldwide. Together, we can shape the living spaces of future generations – from comfortable homes to a habitable planet.



Why Viessmann?



Uncompromising quality

From design to manufacturing and testing, our vast experience in hydronic heating, water purification and ventilation allows us to provide the complete solutions of the highest quality for your home.



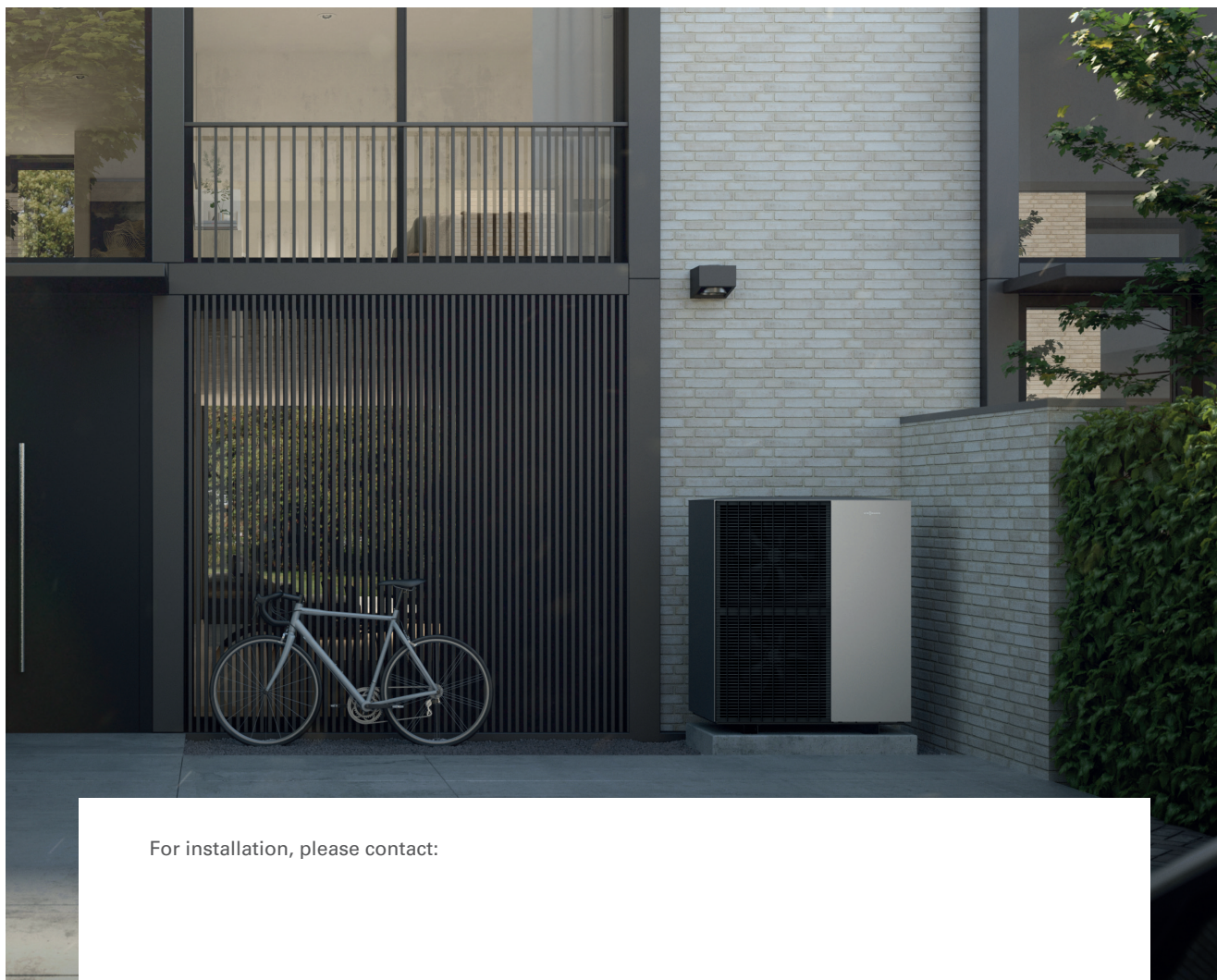
Built to last

All of our products are designed with the future in mind, and built to last so you can enjoy many years of worry-free home comfort.



Industry-leading design and digital innovation

We offer mobile apps and smart home solutions to give you added control and convenience, so you can save time and money as well as reducing your environmental impact.



For installation, please contact:

We are happy to connect.

info.australia@viessmann.com

1300 734 170

Service email address: service@viessmann.au

Monday to Friday, 8am to 6pm (Melbourne Time)

We are closed on all national and state based public holidays.

 [ViessmannClimateSolutionsAU](https://www.facebook.com/ViessmannClimateSolutionsAU)

 [ViessmannClimateSolutionsAU](https://www.instagram.com/ViessmannClimateSolutionsAU)

 [ViessmannClimateSolutionsAU](https://www.youtube.com/ViessmannClimateSolutionsAU)

VIESSMANN

Copyright Viessmann Climate Solutions.

Duplication and alternative use only with prior written consent.

Subject to technical modifications.

Viessmann Australia Pty Ltd
Office 1, 15 Cochranes Road
Moorabbin, Melbourne, Australia, 3189
www.viessmann.com.au