



AIR/WATER HEAT PUMP

Space-saving monobloc heat pump  
for outdoor installation:

**VITOCAL 100-A**

5 year manufacturers  
warranty as standard,  
option to increase to 7 years  
(chargeable)



**For new build and  
modernisation**

Space-saving  
monobloc heat pump  
for outdoor installation  
- no refrigerant  
certificate required by  
the installer

Heat pumps for outdoor installation:  
Maximum efficiency with minimum energy consumption



Vitocal 100-A  
6-8 kW



Vitocal 100-A  
10-12 kW



Vitocal 100-A  
14-16 kW

The new Vitocal 100-A air/water heat pumps cover most applications in new build and modernisation projects. With outputs between 6 and 16 kW, the specifications for convenient heat supply and domestic hot water preparation can be met.

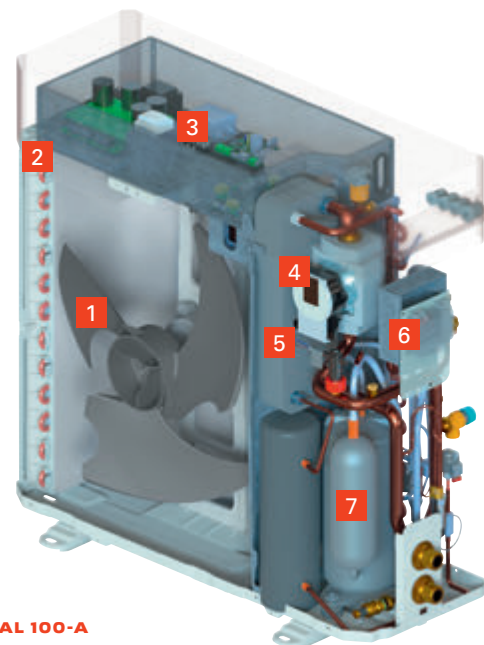
The units, which are designed exclusively for outdoor installation, contain all the components and are quick and easy to install. By using the environmentally friendly refrigerant R32, the installer does not need a refrigerant certificate.



Eco-friendly  
refrigerant R32

**Gold protects against corrosion and ensures long service life**

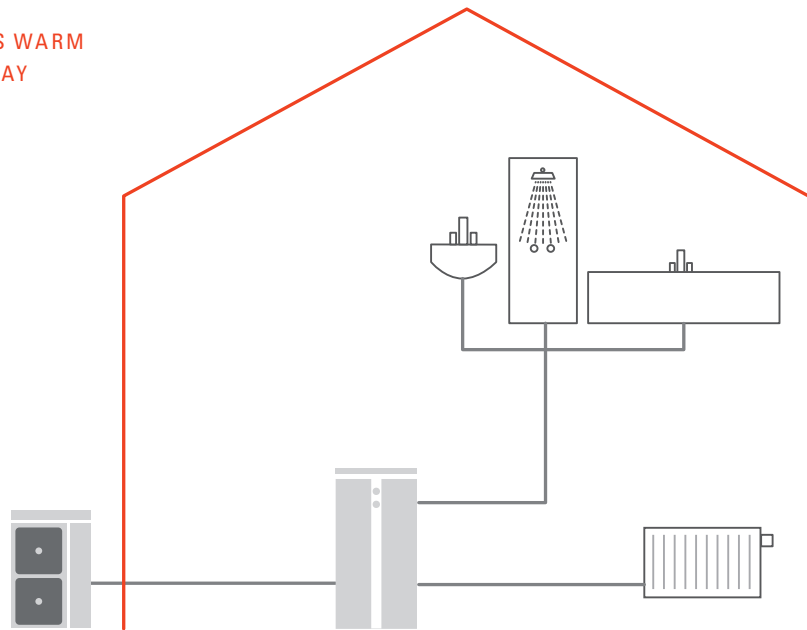
In comparison to conventional heat exchangers, the Vitocal 100-A has a gold-plated exchanger. Long-term tests with saline liquids have shown that no visible corrosion has occurred. This guarantees the user a long service life.



**VITOCAL 100-A**

- 1 Fan
- 2 Evaporator
- 3 Control unit
- 4 Circulation pump
- 5 Condenser
- 6 Controller
- 7 Compressor

HEAT PUMP PROVIDES WARM WATER DURING THE DAY



Vitocal 100-A

Combined dhw cylinder with buffer tank

Typical installation showing the Vitocal 100-A heat pump with a combi cylinder (buffer and DHW) heating a house and providing hot water.

**Low-cost space saving buffer solutions**

The Vitocal 100-A offers different low-cost solutions combining an external mounted buffer store, which is ideal for space saving applications, with a separate DHW cylinder. Alternatively, a combi buffer is available comprising a buffer and DHW cylinder in one.

**Comfortable wireless control with touchscreen and plain text display**

The Vitocal 100-A can be operated directly on the appliance via the built-in control unit. Standard wired and wireless heating controls can be combined with the Vitocal 100-A for convenient operation.

Viessmann Touch and Touch-Multi controls are available for extended applications.

ADVANTAGES FOR USERS

- + Space-saving solution for outdoor installation
- + Three power ratings for most applications
- + Recommended for new build and modernisation
- + All components integrated in one device
- + Energy-saving power regulation
- + Installer does not require a refrigerant certificate
- + Easy and quick to install
- + Environmentally friendly refrigerant R32
- + Corrosion-resistant gold-plated heat exchanger
- + Practical remote control without special software
- + 5 year manufacturers warranty as standard, option to increase to 7 years (chargeable)



Simple operation with plain text display directly on the heat pump



Vitocal 100-A Touch control (Note this is not wireless)



Vitocal 100-A Touch-Multi for extended applications

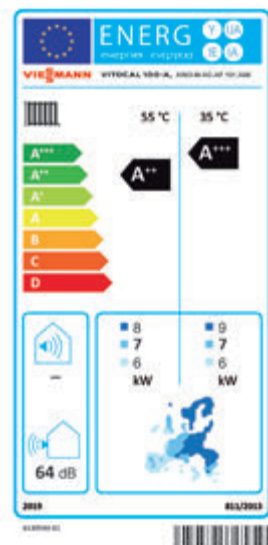
## Air/Water heat pump **VITOCAL 100-A**

Vitocal 100-A, Type AWO-(M)-AF 101.A		06	08	10	12	14	16
<b>Output</b> (EN14511 A7/W35)	kW	6.08	7.81	10.1	11.8	14.1	16.3
<b>COP</b>		4.51	4.38	4.43	4.32	4.85	4.67
<b>Output control</b>	kW	4.0-7.0	4.0-9.0	5.3-11.6	5.3-13.6	7.5-15.2	7.4-17.6
<b>AC voltage / frequency</b>	V / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
<b>Maximum flow temperature</b>	degs C	60	60	60	60	60	60
<b>Sound power level</b>	dB(A)	64	64	64	65	68	68
<b>Dimensions</b>							
Depth	mm	377	377	455	455	448	448
Width	mm	924	924	1047	1047	1044	1044
Height	mm	828	828	936	936	1409	1409
Weight	kg	72.4	72.4	104.5	104.5	124.5	129.5
<b>Refrigerant</b>		R32	R32	R32	R32	R32	R32
<b>Energy efficiency class (LT)</b>		A+++	A+++	A+++	A+++	A+++	A+++



### PRODUCT FEATURES

- + Air / water heat pump with electric drive for outdoor installation
- + Low operating costs due to high Coefficient of Performance to EN 14511
- + Maximum flow temperature: to 60 °C at -8 °C outside temperature
- + Energy efficiency class: A+++



Your trade partner