

# Vitocal 222-A 13kW AWOT-M-E 221.A13 Monobloc Air Source Heat Pump


**Precision Heating Ltd: Agents in Ireland for Viessmann**

Unit 504B, Northwest Business Park,

Ballycoolin, Dublin 15,

Tel: +353(0)1 8091571

Email: [info@precisionheating.ie](mailto:info@precisionheating.ie)

<b>Typical</b>	
<b>Heat Pump Model</b>	AWOT-M-E 221.A04
<b>Voltage</b>	230V
<b>Performance data – heating (to EN 14511 A2/W35)</b> Rated heating output COP in heating mode Output Control	5.9kW 4.0 4.5-9.5kW
<b>Performance data – heating (to EN 14511 A-7/W35)</b> Rated heating output COP in heating mode	9.5kW 3.1
<b>Refrigerant circuit Refrigerant</b> – Refrigerant – Refrigerant charge – Global warming potential (GWP) – CO2 equivalent kg	R410A 1.4kg 2088 2.9t
<b>Cylinder capacity</b>	220l
<b>Assessed total sound power level at A7/W55</b>	55 dB(A)
<b>Dimensions, indoor unit</b> Length (depth) x width x height	681 x 600 x 1874
<b>Dimensions, outdoor unit</b> Length (depth) x width x height	546 x 1109 x 1377

Weight <b>Indoor unit</b> <b>Outdoor unit</b>	164kg 145kg
Energy efficiency class (space heating)	A+/A++
Draw off profile	L
Efficiency class (DHW)	A
Heating Flow Connections	1 ¼"
Heating Return Connections	1 ¼"
DHW Flow Connections	¾"
DHW Return Connections	¾"
Outdoor unit return	1 ¼"
Outdoor unit flow	1 ¼%

Notes:

- 1) Maximum flow temperature up to 60 °C at –10 °C outside temperature
- 2) Low operating costs thanks to high coefficient of performance (COP) to EN 14511: up to 4.72 (A7/W35) and 4.01 (A2/W35)
- 3) Heating and cooling with a single appliance thanks to reversible circuit
- 4) Monobloc indoor unit with high efficiency circulation pump, 3-way diverter valve, safety assembly, control unit and integral instantaneous heating water heater
- 5) The Vitocal 222-A shall have a 5-year parts and labour warranty against manufacturers defects on all parts.
- 6) Especially quiet, thanks to advanced acoustic design (AAD), ideal for use in rows of terraced houses