

Nuos Plus Wi-Fi

Heat Pump Water Heater



200L Direct/250L Indirect

- / Under 4 hour heat up time, lowest on the market*
- / Highly Efficient COP of 3.14**
- / Optional Wi-Fi control via Aqua Ariston Net app
- / "Plug & Play" no F-Gas qualifications needed to install
- / Extended operating temperature range (-10° to 42°C)
- / R134a eco-friendly refrigerant gas for water temperatures up to 62°C in heat pump mode
- / Brand new working modes including daily/weekly programming and I-Memory
- / Full system integration with Ariston boilers through Sensys controls thanks to BusBridgeNet technology**
- / 80% more energy savings than traditional cylinders of the same capacity
- / Super silent at 51dB in Silent Mode, equivalent to a domestic fridge-freezer
- / Active anode (ProTech) & magnesium anode
- / Titanium enamelled steel tank

*Nuos Plus Wi-Fi 200D only

**Nuos Plus Wi-Fi 250L only

ENERGY RATING



5
YEARS
WARRANTY



TECHNICAL DATA

200D
250I

COP*		3,10	3,14
Heating time*	h:min	03:59	05:24
Min/max air temperature	°C	-10/42	-10/42
Max water temperature heat pump only mode/with HE	°C	62/75	62/75
Min temperature of storage tank room	°C	1	1
Nominal storage tank capacity	l	200	245
Sound power level**	dB(A)	55	55
Sound power level (silent mode)	dB(A)	51	51
Max operating pressure	bar	6	6
Voltage/max power consumption	V/W	220-240/2500	220-240/2500
Heating element power	W	1500+1000	1500+1000
Max electrical power consumption in heat pump mode	W	900	900
Electrical system protection grade		IPX4	IPX4
Standard air flow rate (automatic modulating control)	m ³ /h	650	650
Min volume of the installation room***	m ³	30	30
Empty weight	kg	90	115
Insulation thickness	mm	50	50
Heat exchanger surface area	m ²	-	0,65
Heat dispersion (Pes)*	W	21	23
Available static pressure	Pa	230	230
Annual electricity consumption (average clima)****	kWh/year	790	1.299
Seasonal efficiency (η _{wh})****	%	130	129
Mixed water at 40°C (V40)****	l	256	333

F-GAS DATA

Refrigerant type		R-134a	R-134a
Refrigerant charge	kg	1,3	1,3
GWP		1430	1430
CO ₂ equivalents	t	1,86	1,86

PERFORMANCE

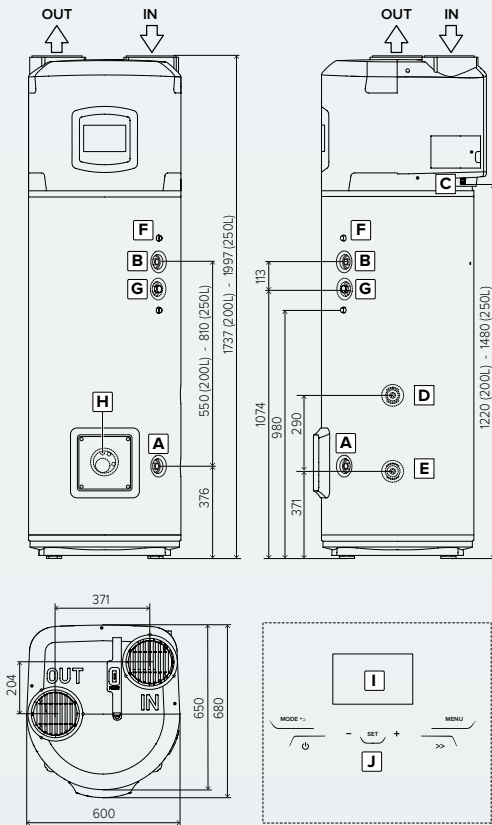
Energy rating		A+	A+
Tapping profile		L	XL
CODE (including unvented kit)		3820027	3820028

* Values obtained with outdoor air temperature of 7°C and relative humidity of 87%, inlet water temperature of 10°C and temperature set at 55°C (as per the provisions in EN 16147 and CDC 103-15/C-2018). Ducted product Ø200 mm.

** Values obtained from the average of the results as per the provisions in EN 12102-2. Ducted product Ø200 mm.

*** Value that guarantees the correct operation and easy maintenance with non-ducted products. The correct operation of the product is nevertheless guaranteed up to a minimum height of 2,090m.

**** Values obtained with outdoor air temperature of 7°C and relative humidity of 87%, inlet water temperature of 10°C and temperature set at 55°C (as per the provisions of 2014/C 207/03 - transitional methods of measurement and calculation). Ducted product Ø200 mm.



KEY

- A** Inlet cold water 3/4" pipe
- B** Outlet hot water 3/4" pipe
- C** Condensate drainage connection
- D** Auxiliary circuit 3/4" inlet pipe (250I)
- E** Auxiliary circuit 3/4" outlet pipe (250I)
- F** Sheath for upper probe (S3) (250I)
- G** Recirculation 3/4" pipe (250I)
- H** Sheath for bottom probe (S2) (250I)
- I** Display
- J** Touch buttons