

NUOS EVO A+ WH



- / Operating range in heat pump mode with air temperatures from -5 a 42°C
- / Environmentally friendly gas R134A makes it possible to achieve water temperatures up to 62°C in heat pump mode
- / Condenser is wrapped around the boiler (not immersed in water)
- / Low noise emissions (silent mode)
- / Titanium enamelled steel boiler
- / Integrated electrical heating elements
- / Active anode (protech) + magnesium anode
- / LCD Display
- / Modes: green, auto, boost, boost 2, voyage and antilegionella modes withdrawal time setting
- / Product intended for indoor installation

ENERGY CLASS



NEW



TECHNICAL DATA

		80	110	150
COP**		2,83	2,75	3,12
COP***		2,60	2,50	2,87
Heating time***	h:min	5:35	8:04	10:0
Min/max air temperature	°C	-5/42	-5/42	-5/42
Max water temperature heat pump only mode/with R	°C	62/75	62/75	62/75
Sound power*****	dB(A)	50	50	50
Average electrical power consumption in heat pump mode	W	250	250	250
Max electrical power consumption in heat pump mode	W	350	350	350
Max Qty of domestic hot water at 40°C ***	l	85	128	182
Nominal storage tank capacity	l	80	110	150
Max operating pressure	bar	8	8	8
Voltage/Max. power consumption	V/W	220-240/1550	220-240/1550	220-240/1550
Heating element power	W	1200	1200	1200
Standard air flow rate	m³/h	100-200	100-200	100-200
Min volume of the installation room ****	m³	20	20	20
Empty weight	kg	50	55	61
Electrical system protection grade		IP24	IP24	IP24
Insulation thickness	mm	41	41	41
Water connections diameter	"	1/2 M	1/2 M	1/2 M
Min Temperature of storage tank room	°C	1	1	1
Heat dispersion (Pes)*	W	17	17	17
Available static pressure	Pa	65	65	65
Annual energy consumption (average climate)***	kWh/year	489	505	869
Seasonal efficiency***	%	107	104	117
V40 (Qty of mixed DWH at 40°C)***	l	85	128	180
F-GAS DATA				
Refrigerant type		R-134a	R-134a	R-134a
Refrigerant charge	g	500	550	600
GWP		1430	1430	1430
CO2 equivalents	t	0,72	0,79	0,86

NUOS EVO A+

	80 WH	110 WH	150 WH
Energy class	A+	A+	A+
Tapping profile	M	M	L
CODE	3629056	3629057	3629074

The capacity indicated in this catalogue identifies the product category. The effective capacity of the product is given in the relevant technical documentation provided with the product.

** Values obtained with 14°C outdoor air temperature and 87% relative humidity, 10°C inlet water temperature and 53°C set temperature (EN 16147). Ducted product Ø150 rigid.

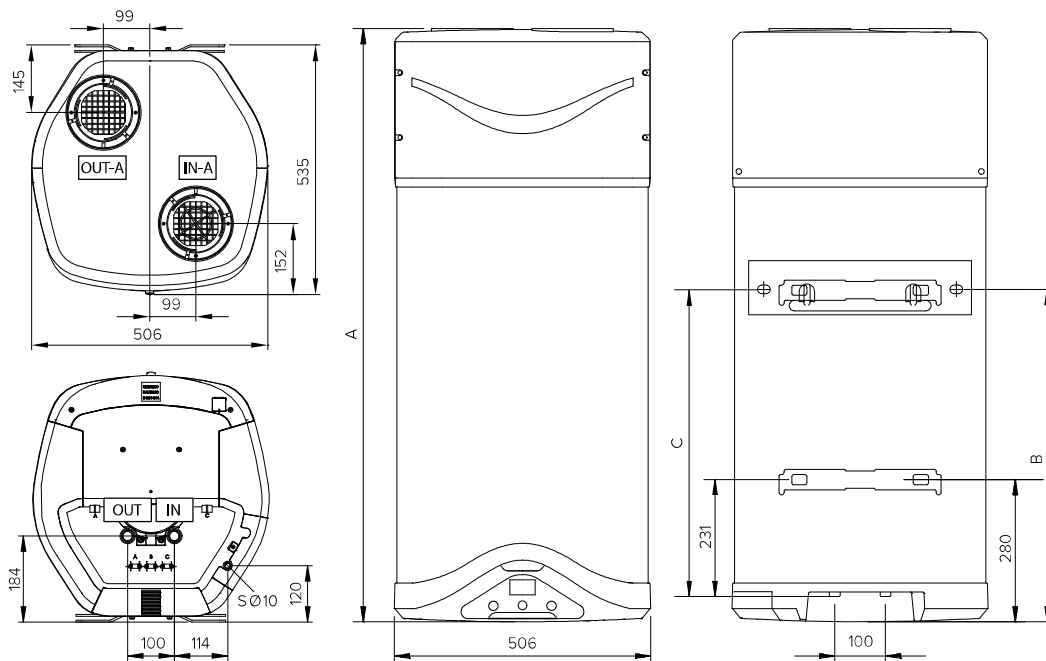
*** Values obtained with 7°C outdoor air temperature and 87% relative humidity, 10°C inlet water temperature and 53°C set temperature (EN 16147 / 812/2013 – 814/2013). Ducted product Ø150 rigid.

**** Refers to non-ducted product

***** Values obtained from the average of three tests carried out with an outdoor air temperature of 7°C and 87% relative humidity, 10°C inlet water temperature and temperature set in accordance with the provisions of 2014/C 207/03 - transitional methods of measurement and calculation and EN 12102. Ducted product Ø150 rigid



Dimensions	80	110	150
A mm	1171	1398	1654
B mm	656	874	1139
C mm	607	825	1090



S condensate drain Ø10mm
IN cold water inlet G 1/2"
OUT hot water outlet G 1/2"