

Nuos Split Inverter Wi-Fi WH



Split Wall-hung heat pump for domestic hot water production with inverter technology and connectivity

- / Simplified control via smartphone with Aqua Ariston NET app
- / High performances and sustainability: environmental friendly heat pump mode to achieve 62°C.
- / Security and durability: Condenser wrapped around titanium enamelled steel boiler, not immersed in water.

Energy Class



Features

- / Operating range in heat pump mode with air temperature from -10 to 42°C
- / Active anode Protech + magnesium anode
- / Dual power steatite electrical heating element
- / Photovoltaic function
- / Low noise outdoor unit
- / LCD touch display
- / Modes: green, comfort, fast, boost, i-memory, holiday
- / Time scheduling
- / Antilegionella
- / Various modes
- / Tank intended for indoor installation

* Check if local product code is enabled for connectivity

TECHNICAL DATA

150

200

COP ^(A)		3,65	3,62
COP ^(B)		3,25	3,25
Heating time ^(A)	hh:mm	03:36	04:57
Min/max air temperature	°C	-10/42	-10/42
Max water temperature heat pump only mode	°C	62/75	62/75
Sound power U.I. ^(B)	dB(A)	15	15
Sound power U.E. ^(B)	dB(A)	56	56
Average electrical power consumption in heat pump mode	W	700	700
Nominal storage tank capacity	l	150	200
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
Empty weight	kg	60	65
Electrical system protection grade	IP	IP24	IP24
Insulation thickness	mm	55	55
Water connections diameter	"	G 3/4 M	G 3/4 M
Min Temperature of storage tank room	°C	1	1
Heat dispersion (Pes) ^(B)	W	17	21
Annual energy consumption (average climate) ^(C)	kWh/year	766	761
Seasonal efficiency ^(C)	%	133,6	134,4
V40 (Qty of mixed DHW at 40°C) ^(C)	l	182	253


OUTDOOR UNIT

Refrigerant circuit connections diameter		1/4 & 3/8 flare type	1/4 & 3/8 flare type
Empty weight	kg	32	32
Standard air flow rate	m ³ /h	1300	1300
Max pressure in the refrigerating circuit (Low p side)	bar	12	12
Max pressure in refrigerating circuit (High p side)	bar	27	27
Electrical system protection grade	IP	IP4X/IP24	IP4X/IP24
Max distance between storage tank and outdoor unit (with/without gas)	m	12/20	12/20
Max diff in level between storage tank and outdoor unit	m	10 positive/10 negative ^(E)	
Addition of gas required	g/m		
Min diff in level between storage tank and indoor unit	m ²	2	2

F-GAS DATA

Refrigerant type		R134a	R134a
Refrigerant charge	g	1100	1100
GWP		1430	1430
CO2 equivalents	t	1,573	1,573

CODE (storage tank + outdoor unit)

		3069755	3069756
Energy class		A+	A+
Tapping profile		L	L
Storage tank code		3069749	3069750
Outdoor unit code		3629070	3629070

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.



^(A) 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.

^(B) Values obtained with outdoor air temperature of 7°C and relative humidity of 87%, inlet water temperature of 10°C and temperature set at 53°C (as per the provisions in EN 16147 and CDC 103-15/C-2018).

^(C) Values obtained with external air temperature of 7°C and relative humidity at 87%, inlet water temperature of 10°C and set temperature of 55°C (according to the provisions set forth in 2014/C 207/03 - transitional methods of measurement and calculation).

^(D) Values obtained from average results of three tests carried out with external air temperature of 7°C and relative humidity at 87%, inlet water temperature of 10°C and temperature set according to the provisions set forth in 2014/C 207/03 - transitional methods of measurement and calculation and EN 12102

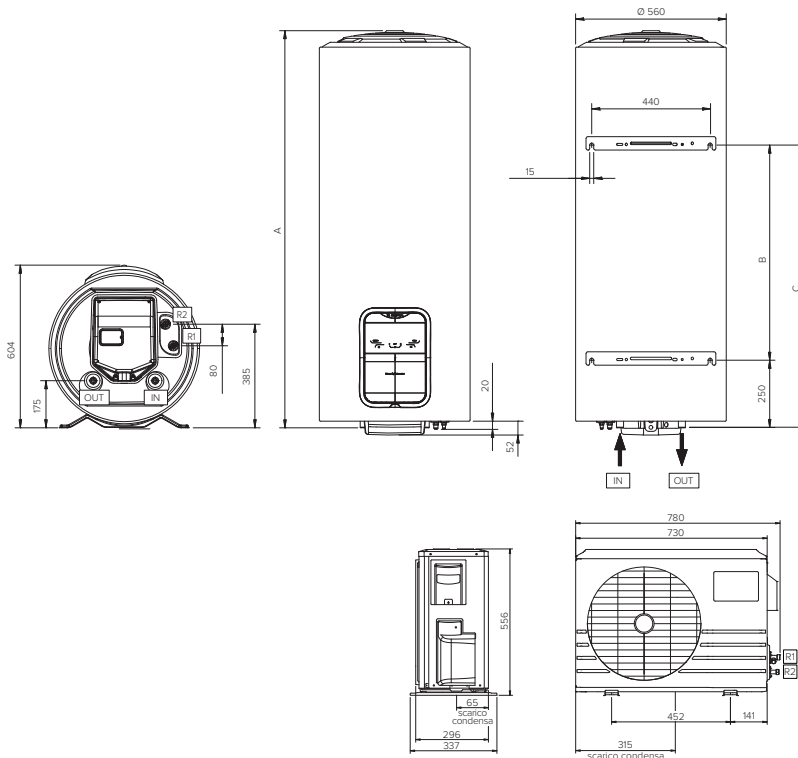
^(E) Positive: outdoor unit at a level below that of the indoor unit.

Negative: outdoor unit at a level higher than that of the indoor unit.

In case of a negative difference, mount a trap every 4 m of height difference. For further information, please consult the instruction manual.



Dimensions	150	200
A mm	1150	1476
B mm	500	800
C mm	750	1050



KEY
 IN \ Cold water inlet G 3/4"
 OUT \ UHot water outlet G 3/4"
 R1 \ Gas connection G 1/4"
 R2 \ Gas connection G 3/8"

In case of a weak wall, the tripod support must be used. Code : 3078042