



HEAT PUMP WATER HEATER

AQUANEXT WH

80-110

Aquanext WH heat pump water heaters are efficient and capable of guaranteeing hot water for every need while minimizing electricity consumption



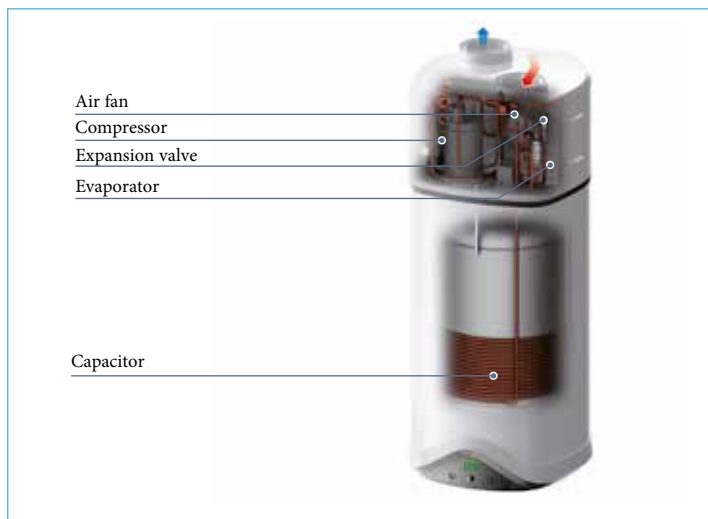
ENERGY EFFICIENCY CLASS



> MAIN FEATURES

- Heat pump working range with air temperatures from -5 to 42°C
- Ecological gas R134a allows you to achieve
- Water temperature up to 62°C in heat pump
- Condenser wrapped around the boiler (not immersed in water)
- Low noise (silent function)
- Titanium enamelled steel tank
- Integrative electrical resistance 1.2 kW
- Active anode (impressed current) + magnesium anode
- Display LCD
- Functions: green, auto, boost, boost 2, hourly programming of voyage and anti-legionella sampling
- Product for internal installation
- First start-up free
- Zero Risk Free 2.0 warranty extension

DETAIL VIEW



DETAIL VIEW



*This information contains indicative information and a simulation of the calculation of the total incentives provided by the Energy Services Manager, pursuant to the Interministerial Decree of 16 February 2016 - Update of the Thermal Account, heat pump water heaters (2.D of the GSE application rules). The relative amounts are indicative. Please refer to the provisions governing the matter regarding the terms and conditions of the recognition of the incentives in question. The Energy Services Manager is exclusively responsible for managing the mechanism and disbursing the incentives provided by the Thermal Account.

Length
506 mm

WALL
Installation

Capacity
80-110 lt

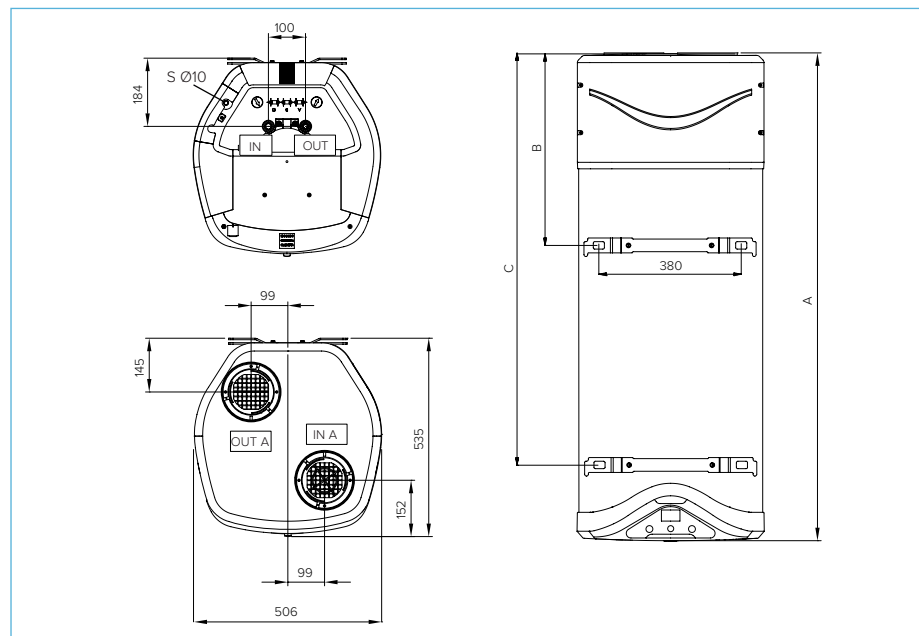
Technology
AIR/WATER

TECHNICAL DATA

| MODEL | | 80 | 110 |
|--|-------------------|--------------|--------------|
| COP* | | 2,83 | 2,75 |
| COP** | | 2,60 | 2,50 |
| Warm-up time** | h:min | 5:35 | 8:04 |
| Min/max air temperature | °C | -5/42 | -5/42 |
| Max water temperature heat pump only/with R | °C | 62/75 | 62/75 |
| Sound power**** | dB(A) | 50 | 50 |
| Average electrical power absorbed in heat pump | W | 250 | 250 |
| Max electrical power absorbed in heat pump | W | 350 | 350 |
| Maximum quantity of hot water at 40°C* | lt | 85 | 128 |
| Nominal storage capacity | lt | 80 | 110 |
| Maximum operating pressure | bar | 8 | 8 |
| Maximum voltage/power absorbed | V/W | 220-240/1550 | 220-240/1550 |
| Power resistance | W | 1200 | 1200 |
| Standard air flow | m ³ /h | 100-200 | 100-200 |
| Minimum volume of the installation room*** | m ³ | 20 | 20 |
| Net mass | kg | 50 | 55 |
| Electrical protection | | IP24 | IP24 |
| Insulation thickness | mm | 41 | 41 |
| Water connections diameter | | 1/2 M | 1/2 M |
| Minimum temperature of the storage room | °C | 1 | 1 |
| Thermal losses (Pes)** | W | 12 | 16 |
| Static pressure available | Pa | 65 | 65 |
| Annual energy consumption (average climate)** | kWh/year | 479 | 495 |
| Seasonal yield (average climate) | % | 105 | 102 |
| V40 (quantity of water mixed at 40°C)** | lt | 85 | 128 |
| DATA F-GAS | | | |
| Refrigerant type | | R-134a | R-134a |
| Refrigerant charge | g | 500 | 550 |
| GWP | | 1430 | 1430 |
| CO ₂ equivalent | t | 0,72 | 0,79 |

| AQUANEXT WH | 80 | 110 |
|---------------|---------|---------|
| Energy rating | A+ | A+ |
| Load profile | M | M |
| Code | 3629075 | 3629076 |

DIMENSIONS (mm) AND CONNECTIONS



- S** Condensate drain Ø10mm
- IN** Cold water inlet G 1/2"
- OUT** Hot water outlet G 1/2"
- IN-A** Air inlet Ø125-150mm
- OUT-A** Air outlet Ø125-150mm

| | 80 | 110 |
|------|------|------|
| A mm | 1171 | 1398 |
| B mm | 656 | 874 |
| C mm | 607 | 825 |

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

** Values obtained with external air temperature 7 °C and relative humidity 87%, inlet water temperature 10 °C and set temperature 53 °C (EN 16147). Rigid Ø150 ducted product.

*** Refers to the non-ducted product

****Values obtained from the average of the results of three tests carried out with external air temperature 7°C and relative humidity 87%, inlet water temperature 10°C and temperature set according to the provisions of 2014/C 207/03 - transitional methods of measurement and calculation and EN 12102. Rigid Ø150 ducted product.