



HEAT PUMP WATER HEATER

AQUANEXT PLUS LINK

Class A+ floor-mounted air source heat pump for the production of domestic hot water through renewable sources.

Arrangement for coupling with boiler and/or solar thermal and function dedicated for integration with photovoltaic systems.



ENERGY EFFICIENCY CLASS



Domestic hot water

> MAXIMUM COMFORT ASSURED

- Shortest heat pump heating time on the market: 3:59 h (200lt model) which guarantees maximum availability of hot water.
- Aquanext Plus Link heats the water up to 62°C with heat pump and 75°C with integration.
- The new Silent function makes Aquanext Plus even quieter, among the best in its category.
- The new display, even more intuitive than the previous ones, quantifies the number of showers available in real time.

> SUPERIOR SAVINGS

- Aquanext Plus Link is the product with one of the highest nominal COPs on the market. Ensures maximum exploitation of the free and renewable energy present in the air.
- Working range in heat pump with external air temperature from -10 to 42°C, therefore you are guaranteed to save even in extreme climatic conditions.
- The possibility of integration with solar thermal in the 250-litre version guarantees unparalleled savings.

> VERY SIMPLE INSTALLATION AND MAINTENANCE

- Filter that guarantees cleaning of the air entering the evaporator, allowing efficient and long-lasting operation.
- Easy transport thanks to integrated straps.
- Replaceable and inspectable heating element without having to empty the product.
- In case of ducted configurations it is possible to remove the air duct grilles to reduce losses load.

> ABSOLUTE SAFETY

- The magnesium anode and the Pro-Tech guarantee a double corrosion protection.
- The capacitor wound outside the tank is not in contact directly with the domestic hot water, ensuring maximum hygiene.



MULTI-ENERGY SOLUTION

The AQUANEXT PLUS LINK heat pump water heater can be coupled to the condensing boilers of the ADVANCE range, to the ZELIOS solar systems, through the new COMBI and SYSTEM functions, and to the photovoltaic panels.

Technical data

| AQUANEXT PLUS LINK | | 200 | 250 | 250 SYS |
|---|-------------------|--------------|---------|---------|
| Storage nominal capacity | lt | 200 | 250 | 245 |
| Insulation thickness | mm | ≈50 | | |
| Lower coil exchange surface | m ² | - | - | 0,65 |
| Upper coil exchange surface | m ² | - | - | - |
| Diameter of water connections | " | G 3/4 M | | |
| Maximum working pressure | MPa | 0,6 | | |
| Thermal dispersions (Pes)* | W | 21 | 22 | 23 |
| Minimum local storage temperature | °C | 1 | | |
| Resistance power | W | 1500 | | |
| Electrical protection | | IPX4 | | |
| Maximum absorbed voltage/power | V/W | 220-240/2500 | | |
| Standard air flow (automatic modulation) | m ³ /h | 650 | | |
| Minimum volume of the installation room** | m ³ | 30 | | |
| Net mass | kg | 90 | 95 | 115 |
| COP* | | 3,10 | 3,35 | 3,14 |
| Heating time* | h:min | 3:59 | 5:23 | 5:24 |
| Min/max air temperature | °C | -10/42 | | |
| Max temperature heat pump only/with R | °C | 62/- | | 62/75 |
| Sound Power *** | dB(A) | 55 | | |
| Average absorbed electrical power | W | 700 | | |
| Seasonal yield (average climate)**** | % | 130 | 138 | 129 |
| V40 **** | lt | 256 | 336 | 333 |
| Refrigerant type | | R-134a | | |
| Refrigerant charge | g | 1300 | | |
| GWP | | 1430 | | |
| CO ₂ equivalents | t | 1,86 | | |
| Energy efficiency class | | A* | | |
| Load profile | | L | XL | XL |
| Code | | 3069781 | 3069782 | 3069783 |

*Values obtained with external air temperature 7°C and relative humidity 87%, inlet water temperature 10°C and set temperature 55°C.

** Value that guarantees correct functioning and easy maintenance in the case of a non-ducted product. However, the correct functioning of the product is guaranteed up to the minimum height of 2,090 m.

*** Values obtained from the average of the results of three tests carried out according to the provisions of EN 12102-2. Ducted product Ø200 mm.

**** Values obtained with external air temperature 7°C and relative humidity 87%, inlet water temperature 10°C and set temperature 55°C (according to required by 2014/C 207/03 - transitional methods of measurement and calculation). Ducted product Ø200 mm.

DIMENSIONS (mm) AND CONNECTIONS

