



ARISTON

New VELIS PLUS



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VELIS Evolution

Actual



Velis Premium
(not for Italian market)

- Multicolor frontal pannel (accessory);
- LCD HMI;
- Multi-installation;
- Flat shape.

Next



Velis Plus **(NEW)**

- LCD HMI;
- Metal brushed body;
- Multi-installation;
- Flat shape.

Top range



Velis

- Multi-installation;
- Flat shape.



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- Multi-installation;
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Entry range

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Top range

HMI

Difference only on the aesthetic



VELIS PLUS

Main Specifics

- Capacity (lt): 50, 80, 100;
- Installation: multiposition;
- Lcd HMI;
- Double tank;
- Power (kW): 1,5(outlet tank) /1 (inlet tank), (two HE never work together).

Main differences between Velis Plus and actual Velis:

- New HMI with LCD screen;
- Body color: metal brushed;
- New functions: Programmation P1/P2 and Manual.



New LCD HMI and P1/P2 function

Display:

- Visualization of water Temp.
- Program setting
- Activated working mode
- Error codes visualization for easy maintenance

Heating indication led

On/Off button

“Mode” button: select following working modes:

- “Manual” mode: traditional use as any std water heater;
- “Program” mode: intelligent timers **P1, P2 or P1&P2 (“shower times”)** can be chosen by the user if he knows when he usually needs hot water. The water heater will provide the hot water exactly at the programmed times, in full comfort and flexibility. This working mode also allows a relevant energy saving.



Symbol “shower-ready”: whenever the energy content is lower than a shower, the system apply the fastest way to reach the hot water for one shower. When the EWH has heated enough water for one shower led switches on.

Button “ECO”

“Select-set” knob-button: parameters adjustment and setting

New LCD HMI multi-installation

Vertical

Horizontal



Main Value Propositions



Flat Shape

Thanks to its technical structure, Duo range represent the best product to gain the maximum comfort.

Its innovative internal structure allows a better mixing of hot and cold water achieving optimum performance in minimum space.

The internal technical structure with two “thermally independent tanks” allow the possibility to control each one separately with a maximum absorbed power of 1500 W.

This double tank frame means:

Shower ready function

- flexibility of heating cycles,

The system of tanks and its specific internal structure with 2 separate boilers, allows the best stratification of the water, decreasing the heating time for the 1st shower.

- flatness and super compact size

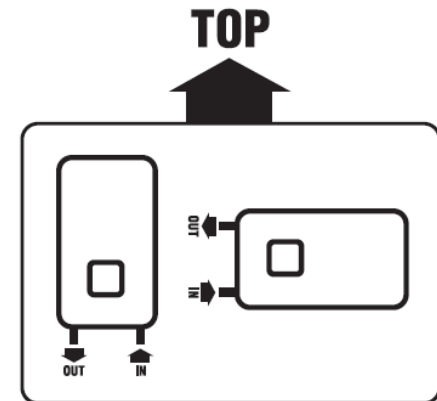
Duo gives you more free time by reducing the waiting time compared to a regular water heater.

Based on the capacity of the Duo you have, you can save:

- 15 min if you have a 50 lt (that means 21% of time saving);
- 1 hour if you have 80 lt (51% of time saving);
- 1,30 hours if you have a 100 lt (60% of time saving).

Multiposition installation

The product can be installed in vertical and in horizontal.





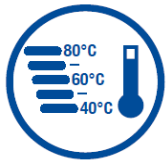
ECO electronic board

An auto-learning software which gives energy savings thanks to a better adaptation of the EWH function to the user's hot water consumption. Through an intelligent system the EWH learns your usage habits: it stores in its memory the periods of the day in which you use hot water and it makes it ready for use at the time and in the quantity that you usually draw, minimizing the waste of energy (-10% of energy consumption). EWH function is tailor made on end user's hot water needs.

A "safety threshold" limit temperature (45°C) will ensure a minimum hot water reserve.

The saving is strongly dependent on the gap between actual user's habitual settings and real user's hot water consumption.

Environmental impact: the use of ECO function has a great favourable effect towards the reduction of greenhouse gas emissions: - 10% CO2 compared to traditional EWH technology.



Frontal LCD HMI panel with smart thermometer

The frontal position of user interface allows to easily select and visualize exactly the water temperature and to activate the heater functions, in a comfortable condition.

User can easily select following working modes:

"Manual" mode: traditional use as any standard water heater;

"Program" mode: intelligent timers P1, P2 or P1&P2 ("shower times") can be chosen by the user if he knows when he usually needs hot water. The water heater will provide the hot water exactly at the programmed times, in full comfort and flexibility. This working mode also allows a relevant energy saving.



Absolute Bodyguard System – Safety package

A full series of functions which preserve the good functioning of your water heater by preventing possible breakage due to energy or water failures, and which protect you and your EWH.

The safety package is composed by:

ACTIVE ELECTRIC SAFETY FUNCTION: at the end of the water heating process the heater disconnects completely from the electricity network, for the maximum safety against electric shocks (3 disconnections vs. only one in traditional EWH).

ANTI OVERHEATING SYSTEM: in case of malfunctioning of components, the heater blocks off before reaching too high Temperature, to avoid water overheating and protecting you from accidental burns. While traditional EWH, in case of thermostat's fault, will stop operations only after water Temperature reaches values around 120-130°C, the anti-overheating system ensures water temperature below 90°C.

ANTIFREEZE FUNCTION: In cold areas, the frozen water can damage the water heater very seriously. With this function the heater, even if turned off (but plugged in), prevents water to reach a temperature under 5°C.

ANTI DRY-HEATING FUNCTION: in case of lack of water in the tank, the heater is able to detect this condition and blocks off to prevent damages and breaks. This represent an advantage for:

- End user: prevent damages due to accidental water lack;
- Installer: prevent damages due to wrong installations (ex: energizing the EWH before filling the water in).

AUTODIAGNOSIS: the water heater is able to detect what problem is happening at any time and to displays it clearly.

ANTIBACTERIA: Once a month the water temperatures rises automatically over 65°C, to eliminate bacteria and