

velta

HYDROFORM+

CLEAN DESIGN. CLEAR DIFFERENCE.

Hybrid • Instant • Intelligent

• USER MANUAL •

INSTANT HOT, COLD & AMBIENT WATER PURIFIER





WELCOME

Thank you for choosing **Velta HydroForm+** — where intelligent design meets everyday purity. With **NanoPure™ 5-Stage Filtration with integrated UV outlet protection**, HydroForm+ ensures every drop you drink is clean, safe, and precisely the way you want it — hot, cold, or ambient, instantly.



PRODUCT OVERVIEW

Main Components

- Full-touch digital display panel
- Water outlet
(UV sterilisation chamber inside)
- Removable drip tray
- Filter compartment
- Water inlet & drain ports (for piping mode)
- Power switch
- Cooling air vent
- Raw water tank (for tank mode)



KEY FEATURES

- Instant Hot / Cold / Ambient water
- Five temperature presets: 99°C / 85°C / 45°C / Ambient / 5°C
- Volume presets: 150ml / 300ml / 500ml / 999ml
- **NanoPure™ 5-Stage Filtration with integrated UV sterilisation**
- Real-time TDS display
- Filter-life alert & reset



HOT



WARM



COLD



8°C

25°C

40°C

60°C

80°C

90°C

>90°C



- Child Lock and Sleep Mode



NANOPURE™ 5-STAGE FILTRATION SYSTEM

HydroForm+ purifies water through a **precision-engineered 5-stage NanoPure™ system** to deliver clarity, safety, and taste refinement.

STAGE 1: PP Sediment Filter

Removes rust, sand, and visible particles.

STAGE 2: PAC Composite Filter

Reduces chlorine, odor, and organic chemicals; protects the RO membrane.

STAGE 3: RO (0.0001 µm) + ACF Composite Filter

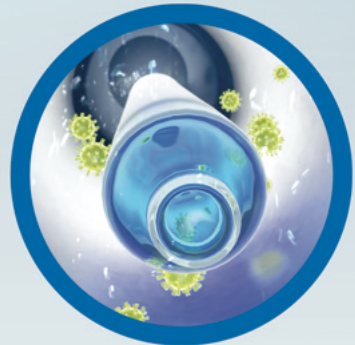
Removes bacteria, heavy metals, dissolved solids, and micro-impurities.

STAGE 4: Post-Carbon Taste Layer

Enhances freshness and balances pH.

STAGE 5: UV Outlet Protection

Integrated ultraviolet sterilisation neutralises residual microorganisms right before dispensing to prevent secondary contamination.



UV Outlet Sterilisation



INSTALLATION & SETUP

PLACEMENT

Leave at least **10 cm** clearance around the unit for ventilation.
If recently transported, stand upright for **24 hours** before powering on.

WATER SUPPLY

Connect the **inlet pipe** to your tap water source for continuous supply.
Connect the **drain pipe** securely for wastewater discharge.

Working pressure: 0.1 – 0.7 MPa **Inlet temperature:** 4 – 38 °C

POWER CONNECTION

Plug into a grounded outlet (**220 – 240V ~ 50/60 Hz**).
Rated power: Heating 2100 W / Cooling 140W / UV 2.5 W.
Use only the supplied power cable.



FIRST-TIME USE

1. Install all filters securely (turn clockwise).
2. Connect the inlet and drain pipes.
3. Switch **ON** the power.
4. Allow the drain pipe to drain and flush automatically.
5. Manually flush the system by dispensing and discarding:
 - 2 L Ambient water &
 - 3 L Cold water

The unit is now ready for use.



OPERATION

FULL-TOUCH CONTROLS

Tap the screen to wake.

Select Temperature: **99°C / 85°C / 45°C / Ambient / 5°C.**

Select Volume: **150 ml / 250 ml / 500 ml / 999 ml.**

Press **Dispense** to start or stop.

TDS value displays in real time.

Screen dims automatically after inactivity (**Sleep Mode**).





FILTER LIFE & MAINTENANCE

FILTER ALERTS

When replacement is due, the display will show a filter-life reminder.

HOW TO REPLACE FILTERS

1. Turn off power.
2. Open the **filter compartment**; remove the used filter (counter-clockwise).
3. Insert new cartridge (clockwise to lock).
4. Power on → Reset filter life in settings.
5. **Filter Replacement Rinse**

After installing new filters — **and every time you change to a new filter** — manually dispense and discard:

- **2L Ambient water**
- **3L Cold water**

This clears carbon dust, trapped air, and initial filter residues to ensure clean, stable water quality.

SHORTCUT & SYSTEM SETTINGS

1. FLOW RATE ADJUSTMENT

AMBIENT WATER

Press and hold **Waterdrop + ▲ (Increase)** to adjust the flow rate.

Range: **650–850 ml (Default: 750 ml)**

Cold Water Press and hold **Cold + ▲ (Increase)** to adjust the cold-water flow strength.

Range: **80%–100% (Default: 100%)**

2. SOUND CONTROL

Press and hold **▲ + ▼** together for **5 seconds** to toggle system sounds **ON/OFF**.

3. STANDBY & NIGHT-LIGHT

The unit automatically enters **Standby Mode** after **120 seconds** of inactivity. Press any key to wake.

NIGHT-LIGHT INDICATORS

Blue — Cold or Ambient

Purple — Warm

Red — Hot or Brew Coffee/Tea

To toggle the night-light **ON/OFF**, press and hold the **BREW** button for **5 seconds** while the unit is idle.

4. CHILD LOCK:

Toggle **ON/OFF** Child Lock. Press and hold for 3 seconds to unlock.

TROUBLESHOOTING

Issue	Likely Cause	Solution
No water output	Blocked inlet / filter	Check inlet, replace filter
Slow flow	Filter near end of life	Replace filter
No hot water	Child Lock active / heating off	Unlock / enable
No cold water	Cooling off / vent blocked	Turn on / clear vent
Unusual taste	New filter / idle water	Run filter rinse (2L Ambient + 3L Cold)
Display off	Sleep Mode active	Tap to wake

ERROR CODES

Code	Description	Action
E1	Water-making time too long	Restart unit
E2	Inlet sensor fault	Contact service
E3	Outlet sensor fault	Contact service
E4	Inlet water too cold (< 3 °C)	Use above 3 °C
E5	Circuit fault	Contact service



TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	Velta HydroForm+
Filtration	NanoPure™ 5-Stage (PP / PAC / RO+ACF / Post-Carbon / UV Outlet Protection)
Voltage / Frequency	220-240V ~ 50/60 Hz
Rated Power	Heating 2100 W / Cooling 140W
Working Pressure	0.1 – 0.7 MPa
Inlet Water Temp	4 – 38 °C
Hot Water Range	Hot Water Range
Cold Water Range	5 – 12 °C
Dimensions	265 × 475 × 430 mm
Net Weight	14.5 kg
Display	Full-touch digital with real-time TDS
Heating System	SUS 444 stainless-steel thick-film coil
Core Functions	UV Outlet Protection / Child Lock / Sleep Mode / Volume Presets
Model No / Brand Name	HF-20 / Velta

WARRANTY & SUPPORT

WARRANTY

12 months (residential use) covering electrical and structural defects.

Consumables (like filters & lights) are excluded.

CUSTOMER CARE

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Because Your Body Knows the Difference.



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