



# HYDRO PLUS

## thermosiphon tanks

### HYDRO PLUS ECO

**5**  
**YEAR**  
WARRANTY



### Product Benefits

- High durability and corrosion protection, thanks to stainless steel.
- High performance, thanks to the special design, even in areas with hard water and strong scale deposits.
- Stable and immediate supply of hot water
- Tank capacity from 120L up to 500L
- Suitable for drinking water thanks to the antimicrobial design (internal enamelling)
- Functional design for easy and quick installation
- Connection availability to a central heating system and electricity

**Technical data**

| Model                                      | 120  | 150   | 170  | 200   | 250   | 270   | 300   | 350   | 400   | 500   |
|--|--|-------|------|-------|-------|-------|-------|-------|-------|-------|
| L x W [mm]                                 | 113.8  | 151.6 | 164  | 192.2 | 252.1 | 271.8 | 289.4 | 350.4 | 401.5 | 419.3 |
| Absorptive surface area [m <sup>2</sup> ]  | 500  | 500   | 580  | 580   | 580   | 580   | 580   | 580   | 700   | 700   |
| Water Capacity [lt]                        | 1120   | 1128  | 1137 | 1297  | 1450  | 1600  | 1847  | 2150  | 1450  | 1673  |
| Type                                       | open loop circuit  |       |      |       |       |       |       |       |       |       |
| DHW Container body material                | DC steel   |       |      |       |       |       |       |       |       |       |
| Close circuit body material                | n/a  |       |      |       |       |       |       |       |       |       |
| DHW anti-rust method                       | 3,0mm enamel(glass) and magnesium rods                                     |       |      |       |       |       |       |       |       |       |
| Welging method                             | MAG  |       |      |       |       |       |       |       |       |       |
| Connections                                | steel threaded imbedded fittings, 1/2in or 3/4in or 1in                    |       |      |       |       |       |       |       |       |       |
| DHW Safety valve outlet                    | standard   |       |      |       |       |       |       |       |       |       |
| Insulation                                 | 50mm, 48kg/m <sup>3</sup> , eco friendly polyurethane foam                 |       |      |       |       |       |       |       |       |       |
| Insulation thermal conductivity (λ) [W/mK] | 0.023  |       |      |       |       |       |       |       |       |       |
| External jacket                            | pre-painted steel or inox 304  |       |      |       |       |       |       |       |       |       |
| External jacket colouring                  | RAL 9006 or according to customer specification                            |       |      |       |       |       |       |       |       |       |
| Heating element                            | 3,7kw or according to customer specification                               |       |      |       |       |       |       |       |       |       |
| Ø Heating element flange [mm]              | 140  |       |      |       |       |       |       |       |       |       |
| DHW MAX operating pressure [bar]           | 10   |       |      |       |       |       |       |       |       |       |
| MAX Operating temperature [°C]             | 95   |       |      |       |       |       |       |       |       |       |
| Labeling                                   | according to customer specification to material, nr, position and language |       |      |       |       |       |       |       |       |       |
| Logo printing                              | according to customer specification  |       |      |       |       |       |       |       |       |       |
| Packaging                                  | stretch film wrapping, plastic straps and EPS caps protection              |       |      |       |       |       |       |       |       |       |
| Palletizing                                | according to customer specification  |       |      |       |       |       |       |       |       |       |



**92.000** Total m<sup>2</sup> of plant area  
**528.000** Average m<sup>2</sup> of absorbent surface produced annually  
**44 years** of experience

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