

# CLARIMAX bambini

## Water treatment system for full desalination

### Description

CLARIMAX bambini is a modern water treatment system for the complete demineralization of technical water with exchangers.

The system removes all dissolved salts from the water and thus lowers the total salt content (TDS) and the electrical conductivity ( $\mu\text{S} / \text{cm}$ ) to a low level, whereby values of  $<0.1 \mu\text{S} / \text{cm}$  can be achieved within the capacity.

CLARIMAX bambini protects against limescale deposits, surface changes due to silicates, corrosion due to aggressive salts (chlorides, sulfates, nitrates) and accelerated corrosion due to excessive electrical conductivity through targeted water treatment.

In addition to the ion exchanger, the multi-stage water filter system also includes particle filtration with a filter sharpness of  $30 \mu\text{m}$ .

The well-thought-out cartridge technology enables compacted ion exchange filling and simple operation without the user coming into contact with the ion exchange resins. This guarantees a high water quality within the capacity range.

<b>Application</b>	Steam sterilisation, cleaning and disinfection devices, ultrasound, cleaning and rinsing purposes, full demineralisation of refill water for technical water circuits such as heating systems and cooling circuits.
<b>Operating temperature</b>	4 to 30 ° C
<b>Operating pressure</b>	max. 8.6 bar
<b>Nominal Flow</b>	60 l/h in the event of a pressure loss of approx. 0,2 bar
<b>Capacity</b>	~340 litres with a conductivity of the raw water of 330 s/cm.
<b>Notes</b>	To monitor the capacity, the electrical conductivity of the water in the flow should be measured continuously at the outlet of the water filter system. The minigarde capacity indicator, for example, can be used for this purpose.

### Delivered with

- Filter head with wall bracket
- Filter cartridge

### Details

Item No	Description	A mm	B mm	C mm	D mm	Capacity m3
41069	CLARIMAX bambini Water filtration system	476	185	123	115	0,34
41070	Replacement filter cartridge for CLARIMAX bambini	-	-	-	115	
Inlet / outlet: 3/4" AG						

\*The capacity refers to a raw water quality with 330 s/cm ( $\times 10^3 \text{dH}$ ) of electrical conductivity at a shutdown time of 10 microns/cm.

