

CLARIMAX 1200 DM pH+ LED

Heating-water deionization with replacement cartridge system

Description

The CLARIMAX 1200 DM pH+ LED water filter system is used to produce heating water low in salt with slightly alkaline pH, in accordance with the European guidelines VDI 2035, ÖNORM H 5195-1 and SWKI BT 102-01.

CLARIMAX 1200 consists of a robust metallic water filter housing and an integrated filter cartridge in which specially designed filter media are located. As soon as the filter media is exhausted due to operation the water filter housing can be opened and the filter cartridge replaced in simple steps. Thanks to this replacement cartridge system, the user does not come in contact with the ion exchange resin, which ensures a clean work and a consistent water quality.

The high-quality ion exchange mixed bed resin specifically removes limescale-forming ions and aggressive salts, such as chlorides, nitrates and sulfates, from the water, whereby the total hardness is reduced to a level of $<0.0178 \text{ mmol CaCO}_3$ ($<0.01^\circ\text{dH}$) and the electrical conductivity of the treated heating system filling water is in a range of 0.1 - 100 $\mu\text{S/cm}$.

In addition, CLARIMAX 1200 DM pH+ LED with its unique composition of filter media offers yet another extra – the adjustment of the pH, which is regulated in the filling water to a level of $\sim 8.2 - 8.5$.

CLARIMAX 1200 DM pH+ LED has an integrated measuring device with LED display in the filter head, which serves to monitor the capacity of the filter system.



Application area	Treatment of heating-water according to VDI 2035, SWKI BT 102-01 and ÖNORM H 5195-1
Operating temperature	4 - 60°C
Operating pressure	2 - 6,9 bar
Weight	$\sim 21,5 \text{ kg}$ ready to use
Flow rate	max. 8,3 l/min

Capacity control Integrated conductivity measurement device in battery and mains operation (Power adapter 12V DC)

Types and dimensions

Article No.	Title	A mm	B mm	Capacity at $1^\circ\text{dH} / 0.178 \text{ mmol/l CaCO}_3$	Flow rate
41059	CLARIMAX 1200 DM pH+ LED Water filter system with integrated optical and acoustic capacity control, incl. filter cartridge 1200 DM pH+	300	550	$\sim 12,4 \text{ m}^3$	490 l/h
41052	Replacement filter cartridge 1200 DM pH+ for water deionization with pH-regulation	--	--	--	--
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