

Reflex Hydroflow M - CU, electronic freshwater station

Article number: 9583535



Features

Type	M - CU
Primary content	1.10 l
Secondary content	0.90 l
Fire protection class according to DIN 4102	B2
fire behaviour class according to EN 13501-1	F
Housing material	EPP
Material of connecting parts on heating side	SST
Material of connecting parts on potable water side	SST + ME
Heat exchanger material	CU
Insulation material	EPP
Sealing material	paper
Charge pump	Grundfos UPM4L 15-75 CZA
Power consumption of pump	75 W
Volume flow sensor	Sika 1 - 60 l/min
Perm. operating temperature on heater side	2 - 95 °C
Max. pressure loss on potable water side	0.792 bar
Max. pressure loss in the pipework on the heating side	50 mbar
Perm. operating overpressure on heating side	1 - 10 bar
Perm. operating overpressure on heating water side	1 - 10 bar
Nominal width on heater side / potable on water side	DN20
Electric connection	230V/50Hz
Connection heating side	G1"
Connection potable water side	G1"
Nominal capacity at KW-WW HVL 10-45°C/65°C	110.0 kW
Nominal capacity at KW-WW HVL 10-60°C/75°C	118 kW
Nominal capacity at KW-WW HVL 10-60°C/75°C mixed to 45°C WW	100.8 kW
NL number according to DIN4708	9.59
Tap capacity 10-45°C/65°C	41 l/min
Tap capacity 10-60°C/75°C	34 l/min
Tap capacity 10-60°C/75°C mixed to 45°C WW	42 l/min
Heating surface	1.4 m²
Height	196 mm
Width	348 mm
Length	425 mm
Weight	9.18 kg

Description

Reflex Hydroflow Mains water stations, rely on cross-station logic. Best operating safety with maximum temperature accuracy.

All stations are bidirectionally connected. This means that the entire system can be set via a control panel and all important information can be called up centrally. The controller is able to issue a group fault signal and can therefore be used for building management systems. Cascades offer the option of adding the outputs of several stations. Stations are combined to achieve the required performance.

The advantage over large mains water stations is that the hot water volume flows are regulated more precisely by several individual stations. The next station is only switched on when a switch-on threshold is reached.

Reflex mains water stations are used exclusively for heating potable water by means of a buffer tank and an internal plate heat exchanger using the flow-through principle. Only potable water as defined by the Potable Water Ordinance may be heated.