

Extwin TW 1 M, Micro-bubble/dirt separator with thread of brass, 110 °C, 10 bar

Article number: 9257610



Features

Type	TW 1 M
Housing material	brass
Magnet type	Plug-in magnet
Installation variant	horizontal
Operating temperature	0 °C - 110 °C
Operating pressure	10 bar
Connection	IG 1"
Cleaning connection	G 3/4"
Connection variant	thread
Max. volume flow	2,0 m³/h
Diameter	63 mm
Height	275 mm
Width	122 mm
Installation length	88 mm
Weight	1,70 kg

Description

Extwin Magnet

Combined air/microbubble and sludge separator for heating and cold water systems or sealed liquid-filled system circuits. Suitable for the media water and water/glycol mixtures up to a mixing ratio of 50/50%.

Fitting for collecting gas bubbles from the liquid flow via optimised separating element or automatic, permanent discharge into the atmosphere via integrated non-shut-off Exvoid T large ventilator.

Fitting for removing particles with a size from 5.0 micrometres from the flow of liquid by use of an insert designed specially for the purpose.

Integrated high energy permanent magnet easy clip with plug function for a quick connection without additional assembly effort on the sludge and dirt separator.

High performance magnet comprising an isostatic pressed neodymium washer, that is inserted in a TPE plug-in washer. Highly efficient separation and fixing of ferromagnetic particles from the flow directly in the separator chamber thanks to axially-aligned magnetic field. Particles are specifically and permanently removed from the system by simple pulling out of the plug-in magnets from the separator housing, and subsequent cleaning without any interruption to operation. For maintenance tasks, the plug-in magnet can be removed from the separator housing by simply pulling it out.

The cleaning and emptying of the dirt collection chamber is possible via a dedicated desludging ball valve without any necessity to interrupt operation.