

Extwin TWT 3/4 M, Micro-bubble/dirt separator with thread of brass, 110 °C, 10 bar

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reflex

Thinking solutions.



Features

Type	TWT 3/4 M
Housing material	brass
Magnet type	Plug-in magnet
Installation variant	horizontal, vertical
Operating temperature	0 °C - 110 °C
Operating pressure	10 bar
Connection	IG 3/4"
Connection variant	thread
Max. volume flow	1,2 m³/h
Flow rate characteristic value kvs	10,5 m³/h
Diameter	63 mm
Height	285 mm
Width	192 mm
Installation length	85 mm
Weight	2,40 kg

Description

Extwin Twist Magnet

Combined air/microbubble and sludge separator with 360° rotatable connection for vertical and horizontal pipes in 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, able to be isolated, Exvoid T large ventilator with 3-way valve bottom part. 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.