

Extwin TW 100, Micro-bubble/dirt separator with flange of painted steel, 110 °C, 10 bar

Article number: 8253330



Features

Type	TW 100
Colour	grey
Housing material	painted steel
Installation variant	horizontal
Operating temperature	0 °C - 110 °C
Operating pressure	10 bar
Connection	DN100/PN16
Connection variant	flange
Number of holes in flange	8 hole
Max. volume flow	47.0 m³/h
Flow rate characteristic value kvs	244.3 m³/h
Diameter	206 mm
Height	940 mm
Height mid-flange (air separation)	527 mm
Height mid-flange (dirt separation)	413 mm
Min. space requirement above	50 mm
Min. maintenance height	370 mm
Installation length	470 mm
Weight	32.50 kg

Description

Extwin

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, able to be isolated, Exvoid T large ventilator with 3-way valve bottom part.

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.

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

Optional retro-fitting with an Exferro magnet insert for separation of ferromagnetic particles from the fluid flow.