

# Extwin TW 50 R, Micro-bubble / dirt separator with flange of painted steel, 110 °C, 10 bar

Article number: 8253400



## Features

|                                     |               |
|-------------------------------------|---------------|
| Type                                | TW 50 R       |
| Colour                              | grey          |
| Housing material                    | painted steel |
| Installation variant                | horizontal    |
| Operating temperature               | 0 °C - 110 °C |
| Operating pressure                  | 10 bar        |
| Connection                          | DN50 / PN16   |
| Connection variant                  | flange        |
| Number of holes in flange           | 4 hole        |
| Max. volume flow                    | 12.5 m³/h     |
| Flow rate characteristic value kvs  | 72.2 m³/h     |
| Diameter                            | 132 mm        |
| Height                              | 785 mm        |
| Height mid-flange (air separation)  | 450 mm        |
| Height mid-flange (dirt separation) | 335 mm        |
| Min. space requirement above        | 50 mm         |
| Min. maintenance height             | 370 mm        |
| Installation length                 | 350 mm        |
| Weight                              | 18.00 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 Flowpac 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.

Maintenance flange for easy housing access during cleaning and maintenance work.