

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

**reflex**

Thinking solutions.



## 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        |
| 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

### Reflex Extwin

Combined air/microbubble and sludge separator for heating and cooling water systems or closed liquid-filled plant 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, Reflex 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.

