

Operating instructions ELYSATOR® trio bypass circuit kit

Installation
Function
Operation
Service



ELYSATOR 
engineering water

swiss made 

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1. Safety instructions



Not drinking water



Maximum 90 °C



Maximum 6 bar pressure

2. Function

The bypass circuit kit is required to install ELYSATOR® trio devices outside the flow or return. It enables the device to be modified without having to shut off the entire system.

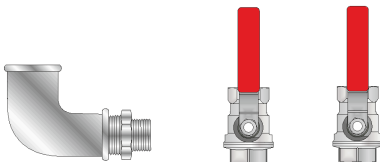
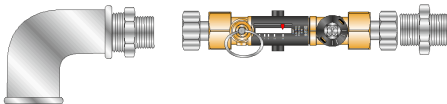
3. Standard delivery

3.1. ELYSATOR® trio 10, bypass circuit kit

- 1 × flow control valve ½", fem./fem., 2-7 l/ min
- 2 × ball valves ¾", fem./fem.
- 2 × 90° elbows 1" × ¾", fem./fem.
- 3 × twin connector ¾"
- 1 × screwing set ¾"/½", fem./male
- 1 × operating instructions

3.2 ELYSATOR® trio 15/25, bypass circuit kit

- 1 × flow control valve ¾", fem./fem., 5-13 l/ min
- 2 × ball valves ¾", fem./fem.
- 2 × 90° elbows 1½" × 1", fem./fem.
- 2 × twin connector 1" × ¾", male/male
- 1 × twin connector ¾"
- 1 × assembled flow control valve
- 1 × operating instructions

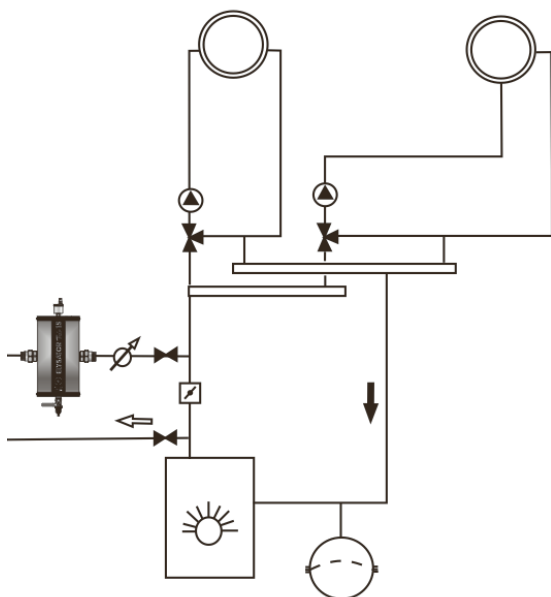


4. Specification

Item no.	Designation	Recommended throughput
101 000	ELYSATOR® trio 10, bypass circuit kit	At least 2 l/min
101 001	ELYSATOR® trio 15/25, bypass circuit kit	trio 15 at least 5 l/ min trio 25 at least 7 l/ min

5. Installation

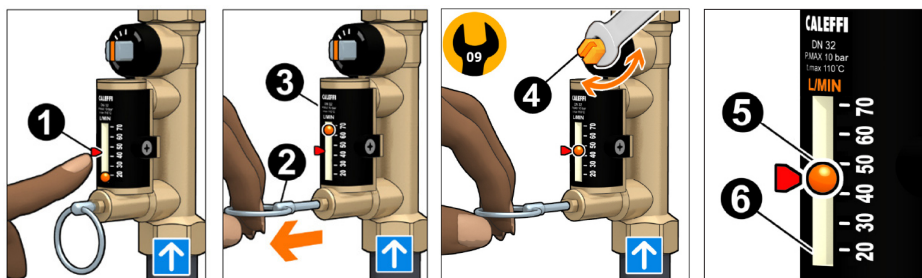
Install the ELYSATOR® trio in the bypass circuit according to the diagram below. Please note that the degassing and filtration performance is reduced if the throughput is lower.



6. Commissioning

6.1. Setting the throughput

Set the throughput according to the values in chapter 4.



- A. On indicator (1), mark the reference value for setting the valve.
- B. Pull ring (2) to open the slide valve that blocks the throughput of fluid through flow meter (3) during normal operating conditions.
- C. Hold the slide valve open and use a special spanner to make the adjustment on valve regulating spindle (4). The reading is indicated by a metal ball (5) on a measuring scale in l/min on transparent cylinder (6).
- D. After completing the adjustment, release ring (2) of the flow meter slide valve. An integral spring automatically returns the slide valve to the closed position.



If the minimum throughput is not achieved, use a pump to increase the throughput.

7. Spare parts

Item no.	Designation	Flow control valve
102 155	ELYSATOR® trio 10 flow control valve	½" fem./fem. 2 - 7 l/ min
102 163	ELYSATOR® trio 15/25 flow control valve	¾" fem./fem. 5 - 13 l/ min

[illegible]