



Operating manual - Connecting manifolds

	1'' for SHE 40kW	5/4'' for SHE 70kW	6/4'' for SHE 100kW	2'' for SHE 115kW	2'' for SHE 156kW	2,5'' for SHE 225kW	3'' for SHE 420kW	4'' for SHE 700kW	5'' for SHE 750kW
2-way									
3-way									
insulated									

Operating and installation manual

Application:

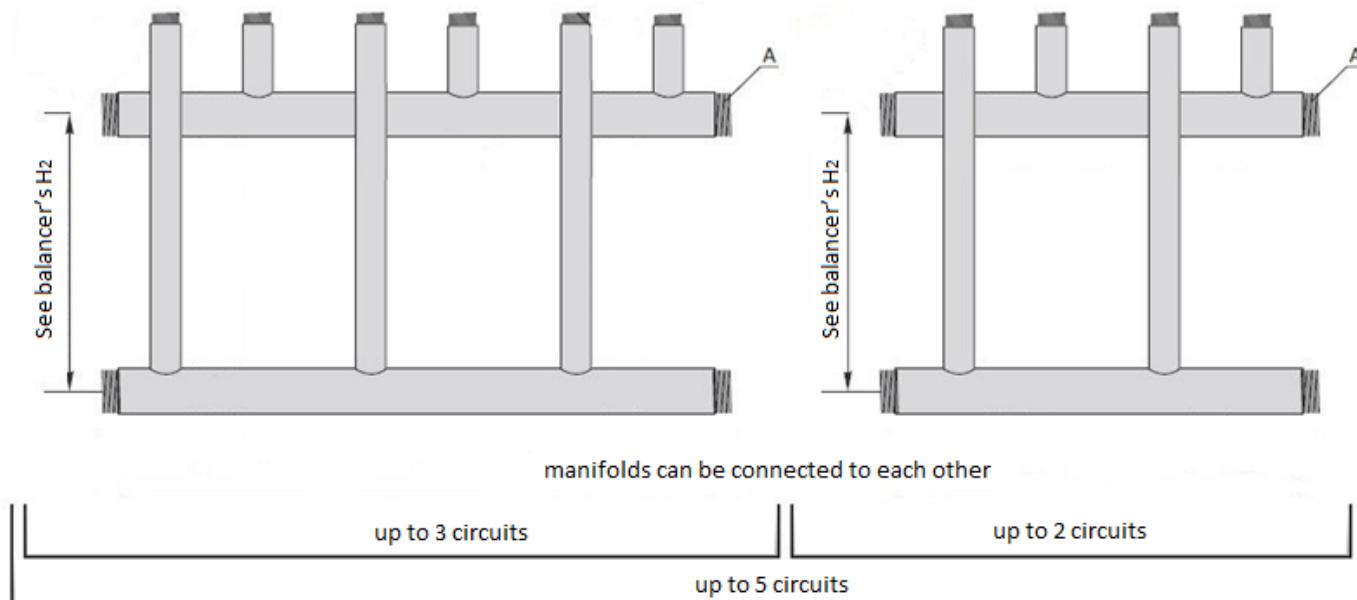
Connecting manifolds are designed to work in central heating installations. Their purpose is to separate heating systems (radiators, under floor heating, hot utility water, etc.).

Advantages:

Connecting manifolds for SHE hydraulic balancers (low-loss headers) are meant to save installer's time (up to few hours) while building multi-system boiling room. They offer greater aesthetics compared to usage of few dozen components in order to construct similar installation. Additionally thanks to 100% pressure control our manifolds guarantee operational reliability. Our products are made of thick-walled steel, firmly MAG-welded and covered with metallic antic gold powder paint. Optimized pipes diameters and smooth arcs also reduce hydraulic resistance.

Installation:

Mounting components are included in package. In case of more than 3 circuits, manifolds are to be connected to each other using pipe unions with diameter according to A dimensions showed on the below diagram. All manifolds are compatible with SHE hydraulic balancers (low-loss headers).



WARRANTY

- ✓ The manufacturer gives warranty for faultless operation of device for a period of 2 years (24 months) of the date of sale.
- ✓ Warranty repairs are made by the manufacturer or authorised representative of the same.
- ✓ Warranty expires if any alterations are made to the product without the manufacturer's consent, or if the product covered by the warranty is used against its intended purpose, in which cases the manufacturer shall not be held liable for any negative effects of such product use.
- ✓ The user is responsible for strict adherence to the operating and installation manual for the device, paying particular attention to the maximum admissible technical parameters provided in the relevant catalogue sheet.
- ✓ Failure to adhere to the above renders the warranty void.
- ✓ Incomplete warranty is invalid.
- ✓ Specific cases not covered by this warranty are regulated by the Civil Code.

Producer seal	Date of sale	Seller seal and signature

Declaration of conformity EN1/2016

Elterm M.M. Kaszuba Sp.J., ul. Przemysłowa 5, 86-200 Chełmno

We herewith declare, under our sole responsibility, that the following products:

- **safety units for CH and UHW:** GBCO 3 bar; GBCWU 6 bar/8bar; GBCWU INOX 6bar/8bar
- **connecting manifolds:** 2-way; 3-way and manufactured against special order
- **chemical dosing pots:** DCE 3,5l; DCE 5l; DCE 10l; DCE 15l; DCE 25l
- **magnetic filter-desilters:** Dryl 37 25/76; Dryl 60 32/89; Dryl 95 40/114; Dryl 144 50/133
- **external cooling coils:** Strażnik 32 40/133; Strażnik 45 50/133

Manufactured by ELTERM conform to the pressure equipment directive 2014/68/UE; EN 13445 "Unfired pressure vessels" as amended - UNM and to the ordinance by the Minister of Economy of 11.02.2015 on the absolute requirements concerning pressure equipment and pressure equipment units (Journal of Laws Dz.U.2015 poz. 244).

Relevant conformity assessment procedure: Internal production control – module A (in accordance with 2014/68/UE – equipment up to category I). Usable for water with $T < 110^{\circ}\text{C}$, for the remaining maximum admissible operating parameters and dimensions see the relevant manual or catalogue sheets available at www.elferm.pl

Chełmno, July 19th, 2016

Maciej Kaszuba
