



Grzejemy jak Kawaleria[®]

Pump groups ELTERM

ELTERM M.M.Kaszuba Sp.J., ul. Przemysłowa 5, 86-200 Chełmno, www.elterm.pl

Operating and installation manual

Application:

Pump groups are designed to work in central heating installations (radiators and underfloor heating), domestic hot water installation.

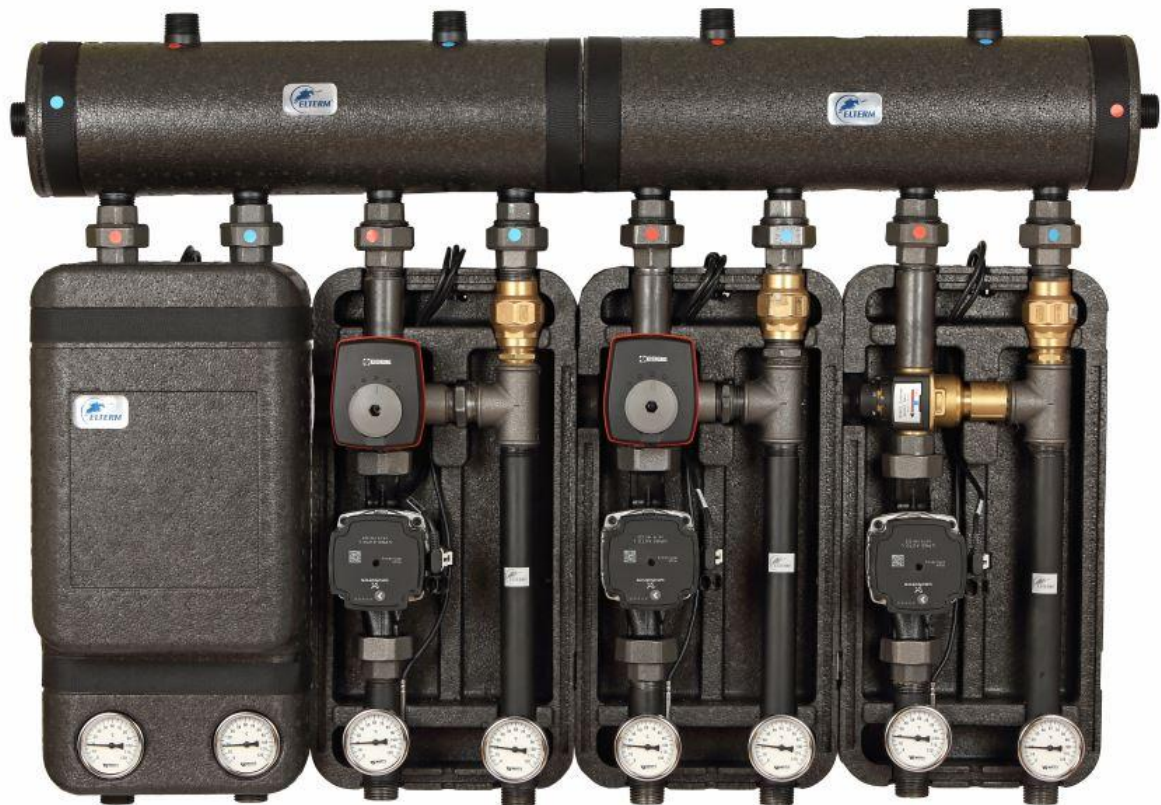
Advantages:

Pump groups 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.

Installation:

Pump groups are to be connected to using pipe unions. All groups are compatible with our manifolds and SHE hydraulic balancers (low-loss headers).

Hydraulic set equipped with EPP insulated pump groups



* current construction available at www.elterm.pl

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 EN6/2016

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

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

- **pump groups:** for radiator heating; for underfloor heating and universal ones
- **pump groups with pumps:** for radiator heating; for underfloor heating and universal ones
- **pump groups NL (new line):** for radiator heating; for underfloor heating and universal ones
- **pump groups NL (new line) with pumps:** for radiator heating; for underfloor heating and universal ones

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°C, for the remaining maximum admissible operating parameters and dimensions see the relevant manual or catalogue sheets available at www.elterm.pl

Additionally we herewith declare, under our sole responsibility, that pump groups with pumps, manufactured at the Elterm production plant, are in conformity with the applicable provisions of the following EC Directives:

Number	Title
2006/95/WE as amended	Low Voltage Directive (LVD)
2004/108/WE as amended	Electromagnetic Compatibility Directive (EMC)
2002/95/WE as amended	Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
2002/96/WE as amended	Directive on waste electrical and electronic equipment (WEEE), GIOŚ register number E0001767
ErP 2009/125/WE	General rules for setting requirements concerning Ecodesign for energy related products (Attachment 13)
EU Commission regulation nr 622/2012	With regard to Ecodesign requirements for glandless standalone circulators and glandless circulators integrated in products

Chełmno, July 19th 2016

Maciej Kaszuba
