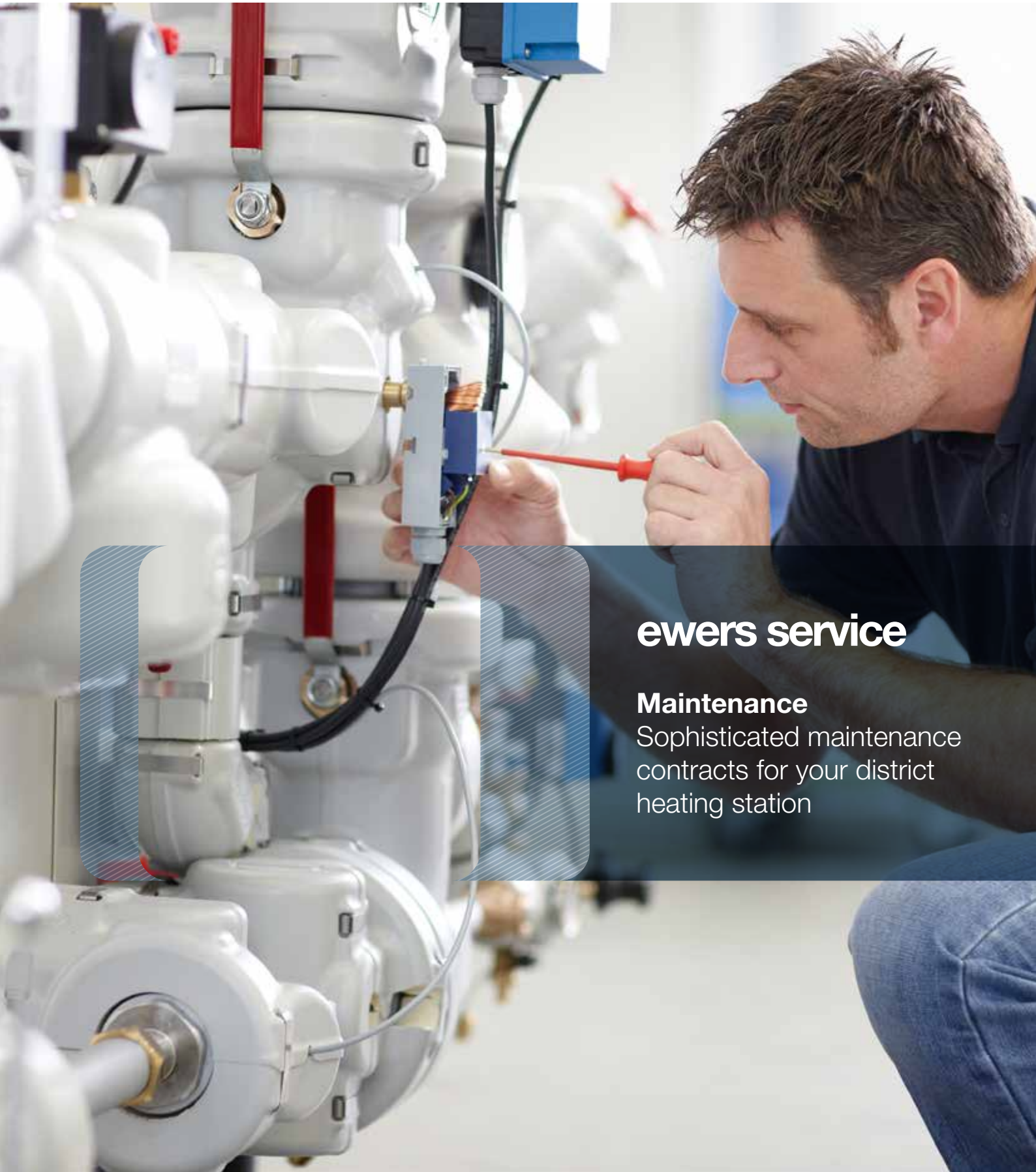


60 Jahre | 2023

ewers

Ideen. Wärme. Zukunft.

District heating. Fittings groups. Heating systems. Insulations.



ewers service

Maintenance

Sophisticated maintenance contracts for your district heating station

Maintenance

Use local and district heating efficiently and sustainably. With an ewers local or district heating transfer station you have purchased a quality product. To ensure that your station remains efficient in the long run, we recommend annual maintenance of your system.

This recommendation is based on:

- VDMA 24186 Part 2 + 4 dated 09/2002
- DIN 4747-1 from 11/2003
- DIN 4807-5 from 03/97
- EnEV 2014 § 11 paragraph 3 from 11/2013
- ZVH-Guideline 12.02 from 12/93
- ZVH-Guideline 12.14 from 03/97

Competent, fast and flexible

When you rely on our extensive product range product range for district heating, you are also making a good decision service, you are also making a good decision. We offer you maintenance contracts for your district heating stations. Everything from a single source: maintenance service directly from the manufacturer.

Our factory customer service is of course also available to you maintenance all year round if you have any questions or problems throughout the year.

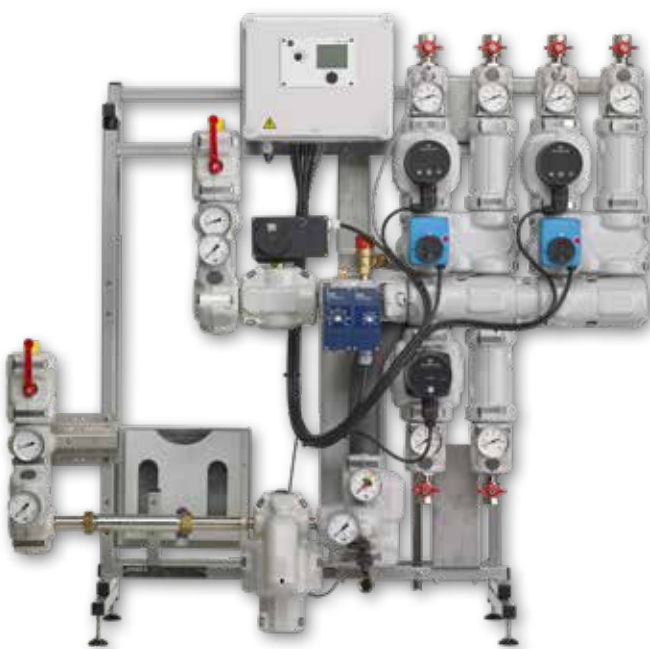


Fig. of an example ewers district heating transfer station

Advantages of regular maintenance:

- Reduction of the risk of failure for the best possible trouble-free operation
- Increase in service life and long-term preservation of the value of the plant
- regular checking of the system settings and control parameters maintains comfort and optimizes the energy consumption of the plant
- safety devices are regularly checked for proper functioning
- costly repairs can be detected at an early stage, eliminated or even avoided at an early stage
- our customer service technicians are familiar with the brands we and are specially trained for them

Advantages of a maintenance contract:

- Within the scope of our maintenance contract, all control checklists are used to check that all control, regulating and safety devices are checked for proper function and readjusted if necessary
- You no longer need to make a long-term appointment the maintenance date in the long term, because our customer service technicians call you automatically and arrange the maintenance date with you
- if you have several systems in one urban area, you can conclude the maintenance contract as a package and the maintenance will pay for itself more quickly
- our maintenance contracts are individually created for your system and can be terminated at any time
- if components are defective, we will send you an offer for a recommended repair - small repairs up to a defined amount can be repaired directly on site
- when completing the „major maintenance“, some spare parts are already included in the price (e.g. flange and mixer seals for our products, as well as strainer screens)

We distinguish between minor and major maintenance for our district heating stations.

The following services are covered in each case:

Minor maintenance

1. visual inspection for possible leakage of all connections incl. drains and vents
2. inspection / maintenance of diaphragm-expansion vessels and readjustment of the gas pressure gas pressure (filling with nitrogen)
3. inspection / maintenance of the existing safety chain incl. emergency setting function, temperature control, safety temperature limitation (TR / STW), safety valves, minimum pressure limitation and maximum pressure limitation
4. check of the primary side flow rate for heat transfer (heat output)
5. check of the sensor values

Major maintenance

1. Visual inspection for possible leakage of all connections incl. drains and vents
 · If necessary, renewal of the seals (included in the scope of delivery are: flange and mixer gaskets from ewers – third-party products are excluded)
2. Inspection / maintenance work of diaphragm-expansion vessels and readjustment of the gas pressure gas pressure (filling with nitrogen)
3. Repeated closing and opening of all ball valves by hand (especially in the drinking water area)
4. Control of the blow-off pressure of the contained safety valves (SV)
5. Check / maintenance of the existing safety chain incl. emergency control function, temperature control, safety temperature limitation (TR / STW), safety valves, minimum pressure limitation and maximum pressure limitation
6. Check of all circulating pumps for tightness, running smoothness, volume pressure and differential pressure
7. Inspection of the plate heat exchangers for fouling with indication of possible cleaning or renewal
8. Check of the measuring and billing units
9. Dirt traps, filters and non-return valves are checked and cleaned if necessary – where appropriate, the strainer screens are renewed (included in the scope of delivery)
10. Inspection of the control valves and actuators
11. Check of the electric actuators
12. Check of the MSR-technique, incl. possible necessary data change

Our recommendation!

For maintenance via an ewers maintenance contract we recommend the small and the major maintenance annually in alternation.

However, when preparing your maintenance offer we act according to your wishes and the plant-specific requirements.

On the next page you will find a form to request a quotation for your individual maintenance contract. It is best to fill out the form and send it back to us via e-mail or fax.

Angebotsanfrage für einen Wartungsvertrag | Request for quotation for a maintenance contract

8-02-12

60 Jahre | 2023

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Ideen. Wärme. Zukunft.

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Telefax | Fax: 05207 | 9190-48
E-Mail | E-mail: info@ewers.de

Bitte in Blockbuchstaben ausfüllen! | Please fill in in block letters!

Vorsorge zahlt sich aus | Precaution pays off

Ja, ich bin an einem Wartungsvertrag interessiert, bitte senden Sie mir ein Angebot unter Berücksichtigung der folgenden Angaben. |
Yes, I am interested in a maintenance contract, please send me an offer taking into account the following information.

Gewünschter Intervall | Desired interval

unsere Empfehlung | Our recommendation

Durchführung der kleinen und großen Wartung
jährlich im Wechsel | Carry out minor and major
maintenance annually in alternation

kleine Wartung | Small maintenance

Durchführung alle | Carrying out every
___ Jahre | years

große Wartung | large maintenance

Durchführung alle | Carrying out every
___ Jahre | years

Kontaktdaten | Contact details

Firma | Company

Ansprechpartner | Contact person

Straße | Street

PLZ, Ort | Zip code, City

Telefon | Phone

Telefax | Fax

E-Mail | E-mail

Standort der Anlage | Location of the plant / product data

Firma | Company

Ansprechpartner | Contact person

Straße | Street

PLZ, Ort | City

Telefon | Phone

Zugang zur Anlage | Access to the facility

Angaben zum Produkt | Product details

Fabrikations-Nr. | Fabrication no.:

Kommission | Commission:

Die Inbetriebnahme erfolgte am |
Commissioning was carried out on:

durchgeführt von |
performed by:

Den gewünschten Termin, zur Durchführung der ersten Wartung, stimmen wir nach Beauftragung des Wartungsvertrages mit Ihnen ab. |
We will coordinate the desired date for the first maintenance with you after the maintenance contract has been commissioned.

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