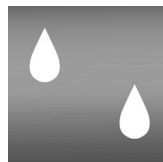


Operating instructions  
for the system user

**VIESSMANN**

Flue gas/water heat exchanger



**VITOTRANS 300**



## For your safety



Please follow these safety instructions closely to prevent accidents and material losses.

### Safety instructions explained



#### **Danger**

This symbol warns against the risk of injury.



#### **Please note**

This symbol warns against the risk of material losses and environmental pollution.

### Target group

These operating instructions are for the heating system user.

This unit is **not** designed to be used by persons (including children) with limited bodily, sensory or mental capacities, or lacking experience and/or lacking knowledge, unless they are supervised by a person responsible for their safety, or have received instructions from such a person as to how to use the unit.



#### **Please note**

Children should be supervised. Ensure that children do not play with the unit.



#### **Danger**

Incorrectly executed work on the heating system can lead to life-threatening accidents.

- Work on gas appliances must only be carried out by a registered gas fitter.
- Work on electrical equipment must only be carried out by a qualified electrician.

### If you smell gas



#### **Danger**

Escaping gas can lead to explosions which may result in serious injury.

- Do not smoke. Prevent naked flames and sparks. Never switch lights or electrical appliances ON or OFF.
- Close the gas shut-off valve.
- Open windows and doors.
- Remove all people from the danger zone.
- Notify your gas or electricity supplier and your heating contractor from outside the building.
- Shut off the electricity supply to the building from a safe place (outside the building).

### If you smell flue gas



#### **Danger**

Flue gas can lead to life-threatening poisoning.

- Shut down the heating system.
- Ventilate the boiler room.
- Close all doors in the living space.

## For your safety (cont.)

### In case of fire



#### **Danger**

Fire creates the risk of burning and explosions.

- Shut down the heating system.
- Close the shut-off valves of the fuel lines.
- Use a tested fire extinguisher, class ABC.

### Boiler room requirements



#### **Please note**

Incorrect ambient conditions can lead to damage to the heating system and put the safe operation at risk.

- Ensure ambient temperatures above 0 °C and below 35 °C.
- Prevent air contamination by halogenated hydrocarbons (e.g. as contained in paints, solvents or cleaning fluids) and excessive dust (e.g. through grinding/polishing work).
- Avoid continuously high humidity levels (e.g. through frequent drying of washing).
- Never close existing ventilation apertures.

### Ancillary components, spare and wearing parts



#### **Please note**

Components that are not tested with the heating system may lead to damage to the heating system, or may affect their various functions.

Installation or replacement work must only be carried out by qualified personnel.

## Notice of completion/maintenance

- Within 4 weeks of the combustion equipment being commissioned, the operator must notify the local flue gas inspector accordingly [check local regulations].
- The system must be cleaned at regular intervals. Increased boiler contamination raises the flue gas temperature and thereby increases energy losses.

## Fuel

- The following flue gas/water heat exchangers are intended for gas boilers:  
Types AWT 001, AWT 002, AWT 003, AWT 014, AWT 015 and AWT 016
- The following flue gas/water heat exchangers are intended for gas and oil boilers:  
Types AWT 101, AWT 102, AWT 103, AWT 114, AWT 115 and AWT 116

Observe the following points when using combi burners (oil/gas) with flue gas/water heat exchangers for gas boilers:

- Oil fired operation is only permissible for covering peak loads and emergency mode (max. 6 weeks per heating season).
- Only fuel oil EL with a maximum sulphur content of 0.2% may be used.
- Thoroughly clean the flue gas/water heat exchanger of remaining combustion residues after operating with oil.

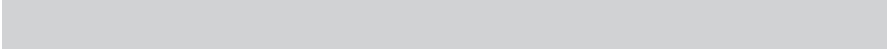
## Neutralising system or equipment

Since the consumption of neutralising agent depends on the operating mode of the system, determine the required top-up volume during the first year of operation by regular checks.

Viessmann can supply neutralising agent. Please observe the information in the operating instructions for the neutralising system or equipment.







## Your contact

Contact your local contractor if you have any questions regarding the maintenance and repair of your system. You may, for example, find local contractors on the internet under [www.viessmann.com](http://www.viessmann.com).

Viessmann Werke GmbH&Co KG  
D-35107 Allendorf  
Telephone: +49 6452 70-0  
Fax: +49 6452 70-2780  
[www.viessmann.com](http://www.viessmann.com)

Viessmann Limited  
Hortonwood 30, Telford  
Shropshire, TF1 7YP, GB  
Telephone: +44 1952 675000  
Fax: +44 1952 675040  
E-mail: [info-uk@viessmann.com](mailto:info-uk@viessmann.com)

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