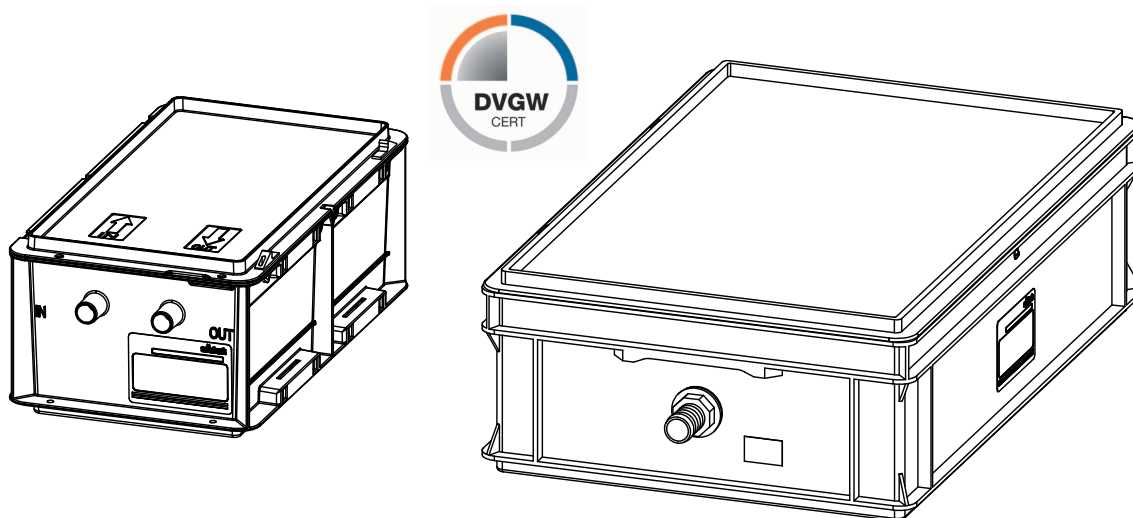


**Operation Manual
Neutralisation Systems
GENO[®]-Neutra N-14
GENO[®]-Neutra N-70
GENO[®]-Neutra N-210**



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DIN EN ISO 9001, DIN EN ISO 14001
DIN EN ISO 13485 and SCC
certified company (TÜV SÜD)

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EC Declaration of Conformity

This is to certify that the system designated below meets the safety and health requirements of the applicable European guidelines in terms of its design, construction and execution.

If the system is modified in a way not approved by us, this certificate is void.

Manufacturer:	Grünbeck Wasseraufbereitung GmbH Josef-Grünbeck-Strasse 1 89420 Hoehstaedt/Germany
Responsible for documentation:	Markus Pöpperl
System designation:	Neutralisation system
System type:	GENO®-Neutra N-14, N-70, N-210
System number:	410 440, 410 450, 410 320
Applicable EC guidelines:	Directive on the Restriction of Hazardous Substances RoHS (2002/95/EC)
Applied harmonised standards, in particular:	—
Applied national standards and technical specifications, in particular:	ATV- DVWK-A 251 (08/03); DVGW-VP 114; E DIN 4716-2 (04/03)
Date / Manufacturer signature:	<u>04/01/2011</u> i. V.  Markus Pöpperl Dipl.-Ing. (FH)
Function of signatory:	Head of Design Department for Serial Products

A General

1 | Preface

Thank you for opting for a Grünbeck product. Backed by decades of experience in the area of water treatment, we provide solutions for all kind of processes.

All Grünbeck systems and devices are made of high-quality materials. This ensures reliable operation over many years, provided you treat your water treatment systems with the required care. This operation manual assists you with important information. Therefore, please read the complete manual before installing, operating or maintaining your system.

Customer satisfaction is our prime objective and providing customers with qualified advice is crucial. Customer satisfaction is our prime objective and providing customers with qualified advice is crucial. If you have any questions concerning this device, possible extensions or general water and waste water treatment, our field staff, as well as the experts at our headquarters in Hoechststedt, are available to help you.

Advice and assistance For advice and assistance please contact your local representative or get in touch with our service centre which can be reached during office hours:

Phone: +49-9074/41-333

Fax: +49-9074/41-120

Email: service@gruenbeck.de

We can connect you with the appropriate expert more quickly if you provide the required system data. In order to have the required data handy at all times, please copy it from the type designation plate to the overview in chapter C-1.

2 | Warranty

All devices and systems supplied by Grünbeck Wasseraufbereitung GmbH are manufactured according to the most recent technical standards and subjected to a comprehensive quality assurance system. All warranty claims are subject to our General Terms and Conditions.

3 General safety information

3.1 Symbols and notes Important information in this operation manual is characterised by symbols. Please pay particular attention to this information to ensure the hazard-free, safe and efficient handling of the system.



Danger! Failure to adhere to this information will cause serious or life-threatening injuries, extreme damage to property or inadmissible contamination of the drinking water.



Warning! Failure to adhere to this information may cause injuries, damage to property or contamination of the drinking water.



Attention! Failure to adhere to this information may result in damage to the system or other objects.



Note: This symbol characterises information and tips to make your work easier.



Tasks with this symbol may only be performed by approved installation companies with appropriately trained experts or by Grünbeck's technical service/authorised service company.

3.2 Operating personnel

Only persons who have read and understood this operation manual are permitted to work with the system. The safety guidelines are to be strictly adhered to.

3.3 Designated application

The system may only be used for the purpose outlined in the product description (chapter C). The present operation manual, the applicable local guidelines as well as the guidelines on accident prevention and occupational safety must be adhered to.

In addition, appropriate application also implies that the system may only be operated when it is in proper working order. Any malfunctions must be repaired at once.

3.4 Indication of specific dangers



Warning! Health risk due to acidic condensed water and alkaline neutralisation granulate!

Avoid direct contact by means of corresponding protective measures such as protective gloves and goggles.

First aid provisions in case of contact with the eyes: In case of contact with the eyes, rinse thoroughly with water and seek medical advice if irritation persists.

Hygienic provisions: Do not eat, drink or smoke while working! The current safety data sheet on neutralisation granulate must be observed. You may order said safety data sheet from Grünbeck Wasseraufbereitung GmbH. Please indicate the corresponding product designation and order number (refer to consumables – chapter C-5).



Attention! Condensed water or neutralisation granulate may damage surfaces when covering them.

4 | Shipping and storage



Attention! The system may be damaged by high temperatures. In order to avoid damage of this kind: Do not install or store system next to objects which radiate a lot of heat.

The system may only be transported and stored in its original packing. Ensure that it is handled with care and placed the right side up (as indicated on the packing).

The neutralisation granulate GENO®-Neutralit Hz is not considered to be a hazardous substance in terms of the Ordinance on Hazardous Substances. Please observe the current safety data sheet.

5 | Disposal of used parts and materials

Used parts and materials are to be disposed of, or made available for recycling purposes, according to the applicable local guidelines.

If a material is subject to specific regulations, adhere to the instructions indicated on the packing and in the safety data sheets.

If in doubt, contact your local waste disposal authority or the manufacturer for more information.

Neutralisation granulate (waste code number 01 01 02) as delivered may be disposed of with the domestic waste after prior consultation with the responsible waste management company and the authorities and taking into consideration the applicable regulations. When cleaning the system, hydroxide sludge may be generated which has to be collected separately and disposed of in a suitable, separate container at the local point of acceptance. In the declaration, it may be classified as "metal-containing hydroxide sludge" (waste code number 100121). The respective, latest version of the TA-Abfall (Technical Regulation on Waste) must be observed.

B Basic information

1 | Laws, regulations, standards

This operation manual takes into consideration the current regulations and stipulates information that you will need for the safe operation of your water treatment system.

Apart from the public rules and regulations, the following, supporting regulations apply for the treatment of condensed water originating from gas condensing boilers and its discharge into the public sewage system.

- Worksheet ATV-DVWK-A 251 „Condensate from condensing boilers“ (ATV-DVWK Body of Rules – Registered German Association for Water Management, Waste Water and Waste).
- DVGW-VP 114 „Neutralisation systems for gas firing systems; requirements and testing“.
- E DIN 4716-2 „Neutralisation systems – Part 2: "Gas firing systems and their flue gas systems“.

2 | Gas condensing technology

In case of gas condensing boilers, the residual heat still contained in the flue gas is made use of by means of heat exchangers in order to achieve an optimum efficiency. Due to the low temperature of the exhaust, the water contained condenses. In order to comply with the applicable regulations, however, this kind of condensed water must in general be treated prior to being discharged into the public sewage system.

3 | Neutralisation

According to the worksheet ATV-DVWK-A 251, the term „neutralisation“ in context with the treatment of condensed water originating from gas condensing boilers is defined as follows:

Increase of the pH value of the acidic condensed water to a value of more than 6.5.

4 | Obligatory neutralisation as per ATV-DVWK-A 251

Excerpt derived from chapter 4.1.3 of the current, August 2003 edition

Nominal heat output	Neutralisation for firing systems and motors without catalytic converter is required for		
	Gas	Heating oil DIN 51603-1, low on sulphur	Heating oil DIN 51603-1
< 25 kW	no ^{1), 2)}	no ^{1), 2)}	yes
25 up to 200 kW	no ^{1), 2), 3)}	no ^{1), 2), 3)}	yes
> 200 kW	yes	yes	yes

However, a neutralisation is nevertheless required

¹⁾ if the domestic waste water is discharged into small sewage plants,

²⁾ in case of buildings and lots whose drainpipes do not meet the material requirements stipulated in paragraph 5.3,

³⁾ in case of buildings which do not meet the requirements for sufficient blending as per paragraph 4.1.1.

C Product description

1 | Type designation plate

The type designation plate is located at the housing of the neutralisation system. In order to speed up the processing of your inquiries or orders, please specify the data shown on the type designation plate when contacting Grünbeck. Please copy the indicated information to the table below in order to have it readily available whenever necessary.

Neutralisation systems	
GENO®-Neutra N-14, N-70, N-210	
Serial number:	□ □ □ □ □ □ / □
Order no. (N-14)	410 440 □
Order no. (N-70)	410 450 □
Order no. (N-210)	410 320 □

2 | Designated application

GENO®-Neutra N-14, N-70 and N-210 systems are designed for the neutralisation (increase of the pH-value to more than 6.5) of condensed water originating from gas-fired heat generators (gas condensing boilers) and/or exhaust systems made of stainless steel, plastic, glass, graphite and ceramics according to ATV-DVWK-A 251, DVGW-VP114 and DIN 4716-2 up to the specified capacity.

Concentrations of iron, manganese, aluminium and zinc contained in the condensate may clog the neutralisation granulate and therefore considerably affect the function of the neutralisation system. If need be, the applicability should be checked by means of tests and if necessary, regular cleaning of the system with replacement of the granulate must be arranged for.

In case of condensed water with an extremely high content of impurities, we recommend to remove the impurities upstream of the neutralisation system by means of a filter.

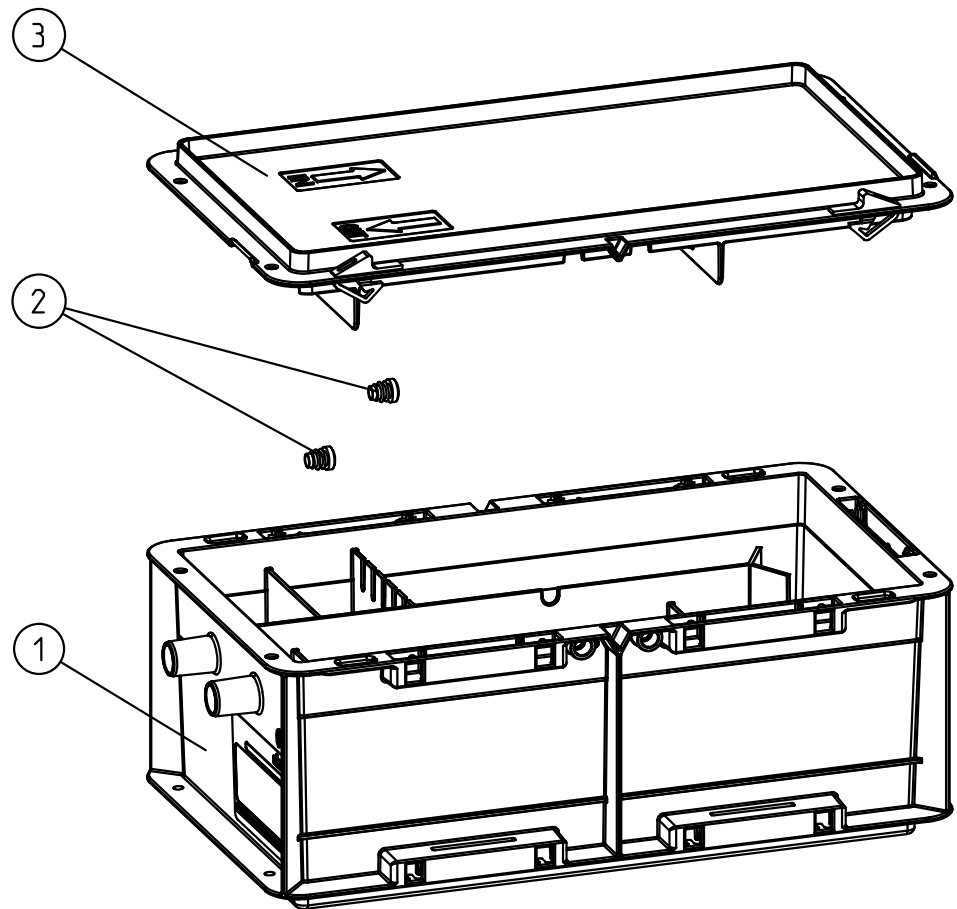
The system may only be operated if all components are installed properly. Safety devices must NEVER be removed, bridged or otherwise tampered with.

Designated application of the system also implies that the information contained in this operation manual and all safety guidelines applying at the installation site be observed. Furthermore, the maintenance and inspection intervals have to be observed.

3 | Design

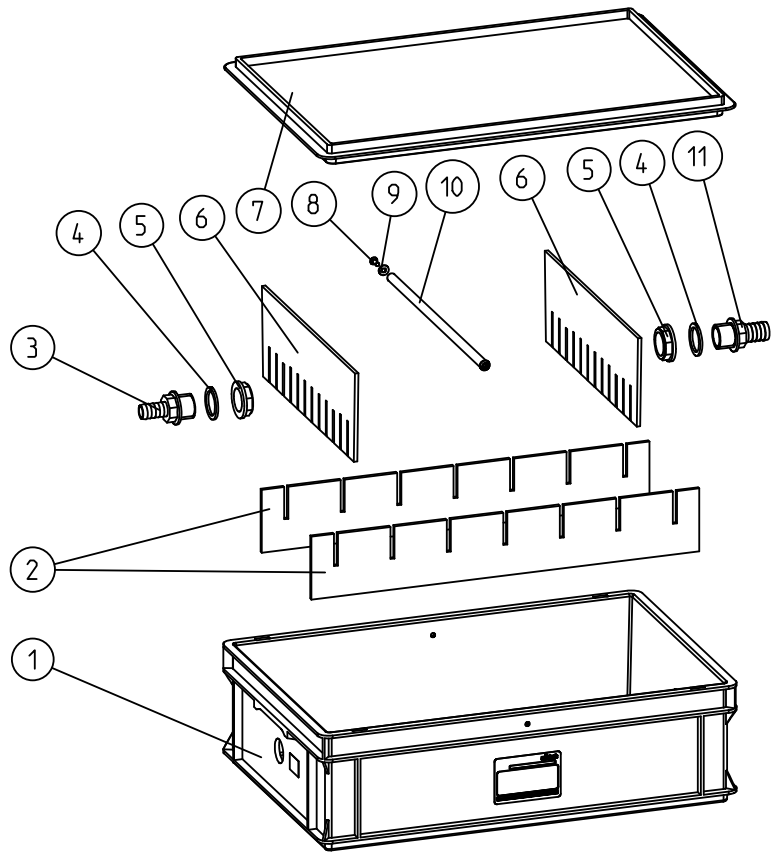
The neutralisation system consists of a neutralisation tank with hose connections for inlet and outlet. In the neutralisation tank, a sedimentation zone for impurities, a zone for the neutralisation granulate filling and a collection zone for condensed water are aligned in direction of the flow. In case of the N-210 system, the filling of neutralisation granulate can be adapted as needed to the boiler capacity.

In case of the N-70 system, an overflow orifice is mounted above the outlet piece so that the condensate may exit the system at a predefined place in case the condensate outlet is clogged. The neutralisation system can be equipped with an optional overflow warning switch - refer to accessories.



- ① Tank
- ② Plugs
- ③ Lid

Fig. C-1: Drawing of components N-14, N-70



- ① Tank
- ② Subdivision plates
- ③ Hose connection DN 20 or DN 25 (inlet)
- ④ Flat seals
- ⑤ Nuts
- ⑥ Filter plate
- ⑦ Lid
- ⑧ Screws
- ⑨ Flat seals
- ⑩ Support rod
- ⑪ Hose connection DN 25 (outlet)

Fig. C-2: Drawing of components N-210

4 | Function

The condensed water flows into the sedimentation zone of the neutralisation system. The condensed water is then distributed via the integrated filter plates and flows through the granulate filling. The granulate is thus solubilised and the condensed water neutralised. Afterwards, the condensed water flows to the drain.

The quantity of neutralisation granulate included in the scope of supply corresponds to the initial filling required at maximum capacity.

The pH value of the discharged water may be checked by means of the pH indicator strip included in the scope of supply. Neutralisation granulate should be refilled before the pH value falls below 6.5.

5 | Scope of supply

Standard equipment

- 1 Neutralisation system GENO[®]-Neutra N-14, N-70 resp. N-210 as compact system
- 1 Plastic bag containing: 1 Pack of pH indicator strips
3 Hose clamps
- 5 m hose DN 20 (for N-14 and N-70)
- 5 m hose DN 25 (for N-210)
- Neutralisation granulate GENO[®]-Neutralit Hz
3 kg for N-14 (filled into system)
8 kg for N-70
24 kg for N-210
- 1 Operation manual
- 1 List of authorised service companies
- Complete and packed in cardboard box.

Accessories

Overflow warning switch
Voltage-free level switch (changeover contact) with attached flat pin bushing for electrical connection as well as fastening material for installation in the lid of the neutralisation system.

Order no.
410 680

	Order no.
Alarm delay KZL 71	410 285
<p>Alarm delay relay in the on-wall housing, e. g. to realise a parallel or delayed switch-off of the heating boiler after an alarm has occurred. Only applicable in combination with the optional accessory "overflow warning switch" of the neutralisation system.</p>	
Hose DN 20, 5 m	410 764e
Hose DN 25, 5 m	410 774e
Waste water lifting system AH-300	420 150
Consumables	
Maintenance set for N-14	410 801
Maintenance set for N-70	410 802
Maintenance set for N-210	410 803
GENO®-Neutralit Hz - 8 kg	410 011
pH indicator strips - 3 pieces	170 173

6 | Technical specifications

All system data is summarised in the table C-1. The data given refers to standard neutralisation systems. Possible deviations in case of special versions are listed separately, if applicable.

Table C-1: Technical specifications/Dimensions		GENO®-Neutra		
		N-14	N-70	N-210
Connection data				
Nominal diameter of inlet/outlet hose	[DN]	20		25
Min. drain connection	[DN]	40		
Voltage-free fault contact (optional overflow warning switch)		Changeover contact, switching capacity 250V/6A (Ohmic load) electrical connection flat pin bushings 6.3 x 0.8 mm		
Performance data				
Combustible/process (generation of condensate)		gas/gas condensing technology		
Max. neutralisation capacity, at 0.14l/kWh this corresponds to max. boiler capacity of	[l/h] [kW]	14 100	70 500	210 1500
Filling volumes and consumption data				
Neutralisation granulate (8 kg, order no. 410 011)		GENO®-Neutralit Hz		
Filling volume neutralisation granulate	[kg]	3	8	24
Service life in case of standard condensate acc. to DVGW-VP-114, pH 3		12 months	12 months	12 months
Neutralisable condensate volume	[m³]	16	63	190
This corresponds to full load operating hours of boiler	[bVH]	1100	900	900
Service life in case of standard condensate, however at a pH of at least 3.2		12 months	12 months	12 months
Neutralisable condensate volume	[m³]	25	105	315
This corresponds to full load operating hours of boiler	[bVH]	1800	1500	1500
Dimensions and weights				
Condensate backwater height in standard operation	[mm]	120		90
A Total height	[mm]	165		185
B Height inlet connection	[mm]	110		80
C Height outlet connection	[mm]	110		80
D Length without hose connections	[mm]	410		600
E Total length	[mm]	421		680
F Width	[mm]	230		400
G Overflow height (lower edge of orifice)	[mm]	140		–
Operating weight, approx.	[kg]	12	15	45
Shipping weight	[kg]	7	12	33
Ambient data				
Condensate temperature	[°C]	5 - 60		
Ambient temperature	[°C]	5 - 40		
Test certificate/Certification mark				
DVGW registration number		DG-4586CM0231		
Order no.		410 440	410 450	410 320

* In addition, an inlet hose connection DN 20 is included in the scope of supply (hose DN 20 optional).

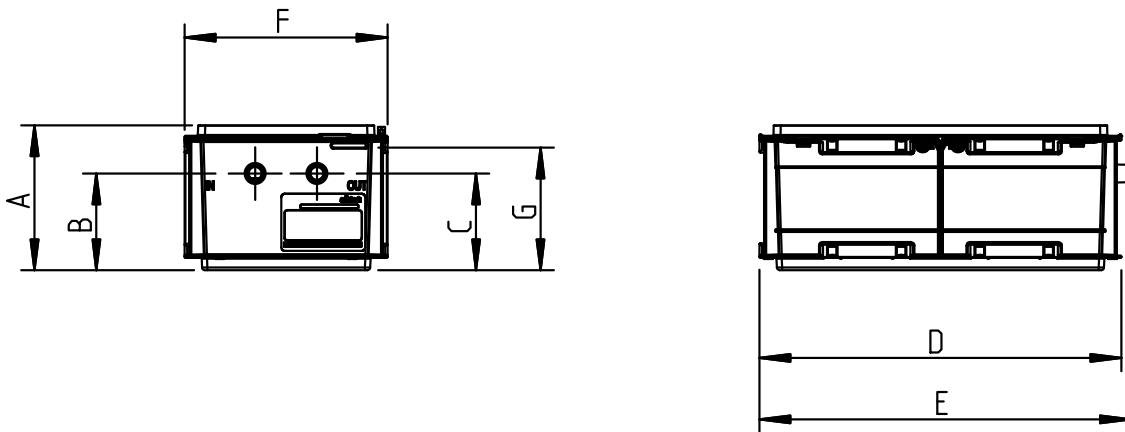


Fig. C-3: Dimensional drawing of N-14 and N-70

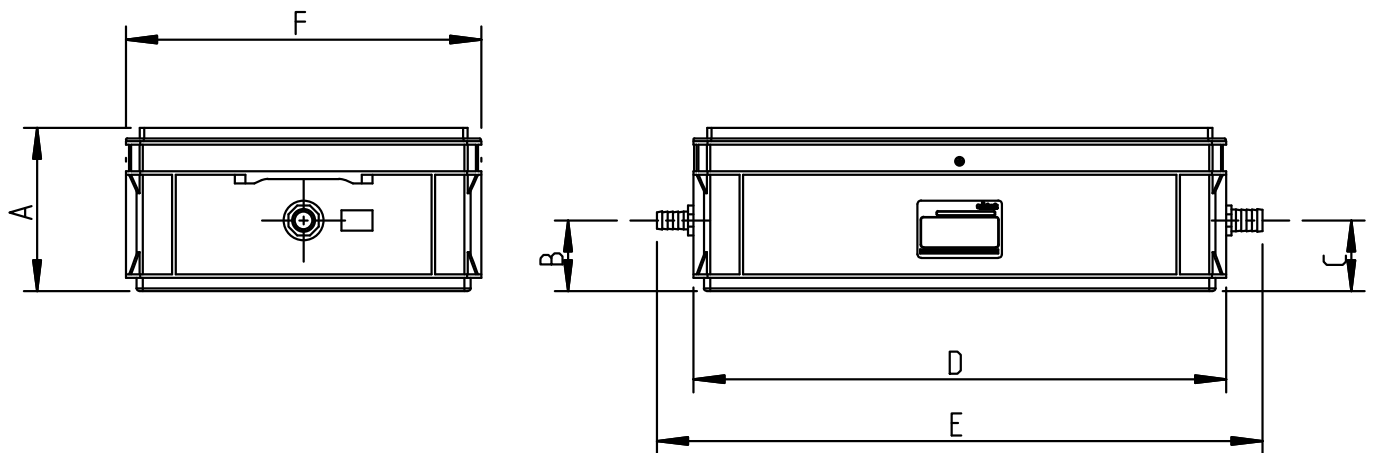


Fig. C-4: Dimensional drawing of N-210

D Installation and start-up

1 | General installation instructions



Note: When installing systems with optional accessories, also observe the operation manuals that have been supplied with the optional accessories.



Attention! If no floor drain is available at the installation site, an alarm device must be installed. In case of a system failure, the alarm device must visibly indicate the alarm and, if necessary by switching of the heat generator, prevent the system from overflowing and consequently prevent consequential damage. For an overflow warning switch, please refer to accessories.

- The technical specifications of the system and the regulations for discharge to the public sewage system according to ATV- DVWK - worksheet A 251, as well as the local and general regulations must be observed.
- The installation site must be frost-proof and ensure the system's protection from chemicals, dyes, solvents, high radiation temperatures and from direct sunlight.
- The installation site must provide adequate space, be level, horizontal and load-bearing and easily accessible for inspection and maintenance work.
- The required connections must be provided prior to the installation.

2 | Sanitary installation - Installation instructions



Installation and start-up may only be performed by an approved installation company with appropriately trained personnel. However, you may also place an order with Grünbeck's technical service/ authorised service company.

- Take into consideration that in standard operation the condensed water is accumulated to a level of approx. the height of the outlet connection. If the condensed water shall completely drain from the heat generator or the flue gas system, the installation areas respectively the outlets for the condensed water must be provided for accordingly.
- A drain connection (min. DN 40) must be available for the discharge of the condensed water and discharge without backwater must be ensured.

- The drain hose must not be connected directly to the drain pipe in order to prevent a retroactive bacterial contamination from the drain to the neutralisation system (refer to fig. D-1).
- If no floor drain or drain connection close to the floor is available, the water lifting system AH-300 can be installed downstream of the system (refer to accessories).
- Use the hoses supplied with the system to make the connections (resp. refer to chapter C, accessories).
- Should additional hoses and fittings be needed, only approved, corrosion-resistant materials according to ATV-worksheet - A251 (e. g. PP, PE, PVC, ...) may be used.
Do not use any parts made of brass, copper or steel.
- Additional gas condensing boilers or/and flue gas systems may be integrated up to the max. neutralisation capacity by using corresponding T pieces.
- Direct the inlet hose with a gradient to the neutralisation system and the outlet hose with a gradient to the drain. Do not bend the hoses!
- If no siphon is available at the boiler, the inlet hose must be directed to the neutralisation system with a backwater loop (refer to fig. D-1) as well as a gradient.

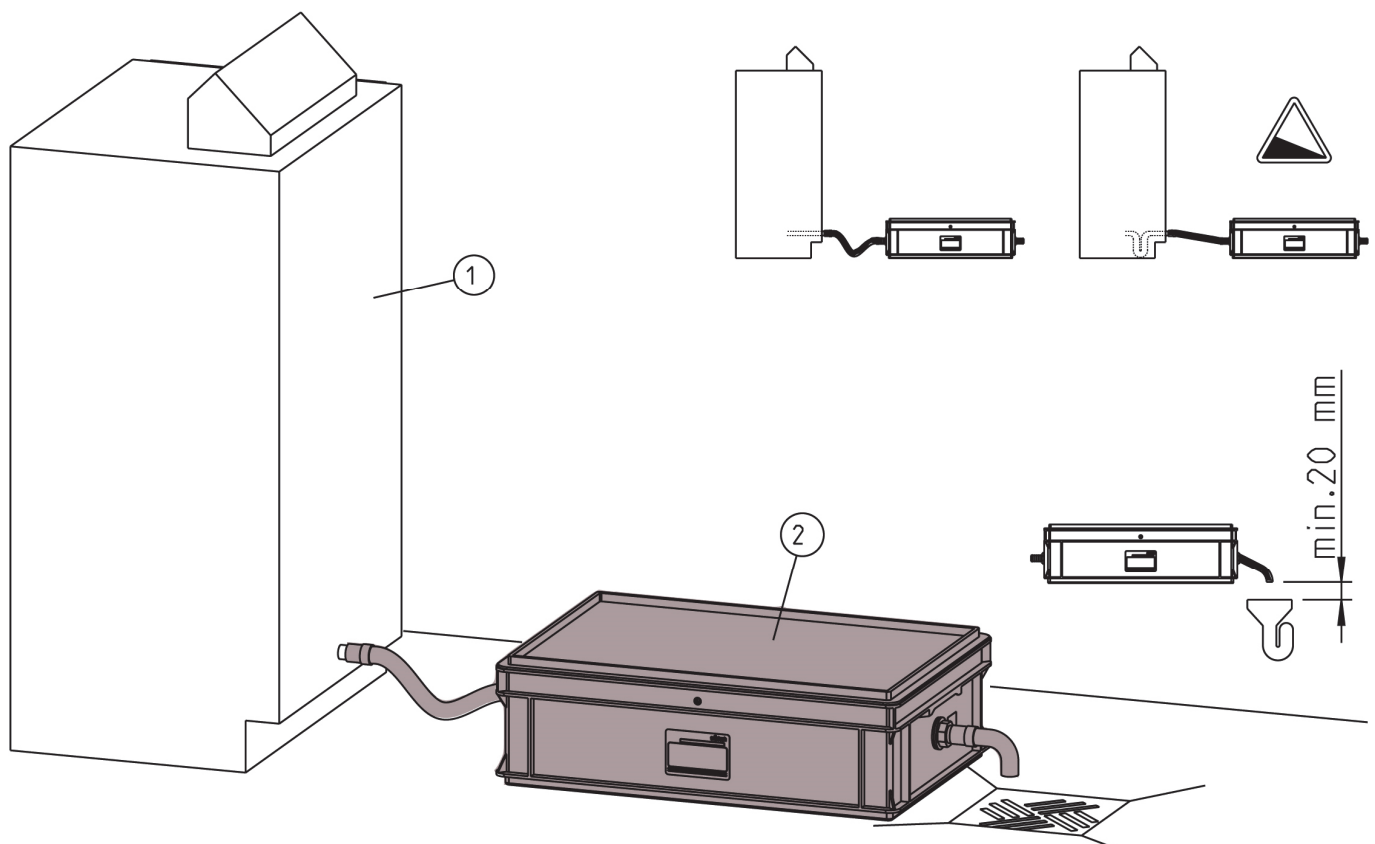


Fig. D-1: Installation example

2.1 Preliminary work

- Unpack all system components and check for completeness (for the scope of supply, please refer to chapter C) and soundness.
- Select an installation site where the inlet and outlet hoses can be as short as possible.
- Remove the lid of the neutralisation tank.
- In case to the N-210 system, adapt the filling area for the neutralisation granulate to the capacity of the gas condensing boiler to be connected by sticking the plates together according to fig. D-5, D-6. If necessary, install DN 20 inlet hose connection and connect it with optional DN 20 hose.
- Fill in the neutralisation granulate as indicated in fig. D-2, D-4, D-5 or D-6. The N-14 system already comes completely filled.
- If necessary, install accessories as indicated in the operation manuals that come with these systems.

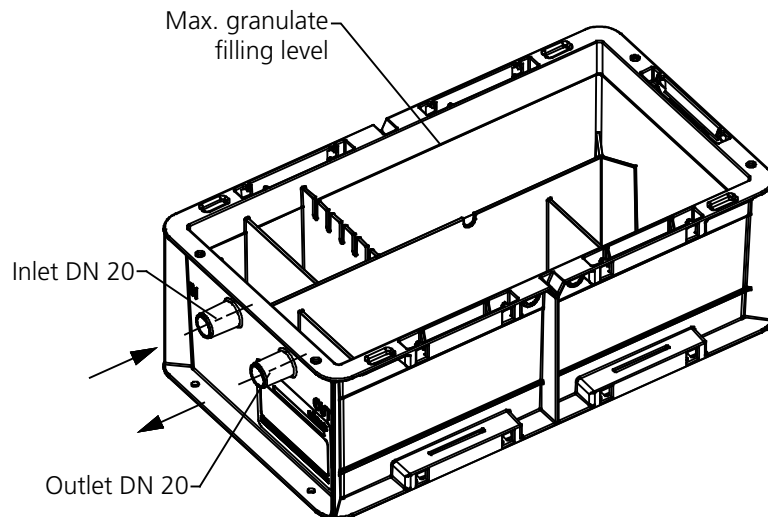


Fig. D-2: Granulate filling level of N-14, N-70

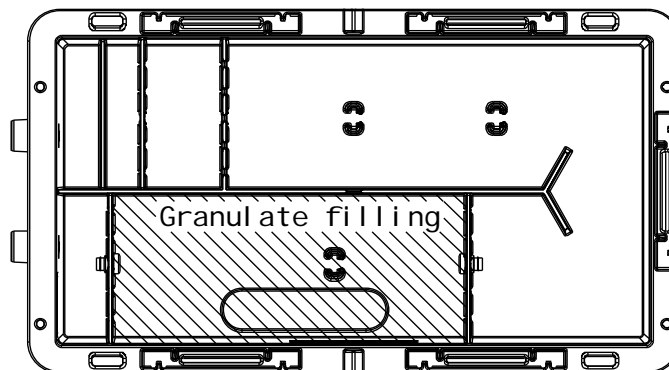


Fig. D-3: N-14 Filling area for neutralisation granulate

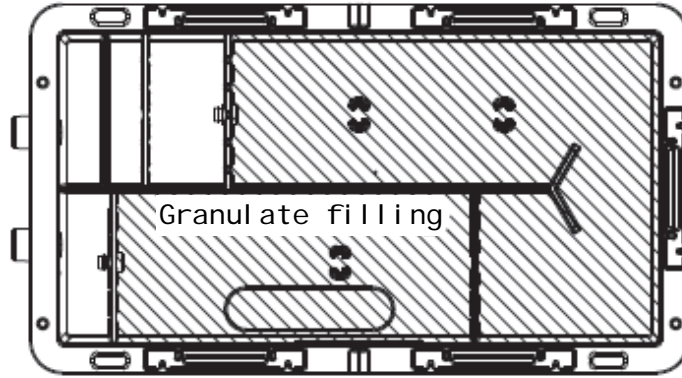


Fig. D-4: N-70 Filling area for neutralisation granulate

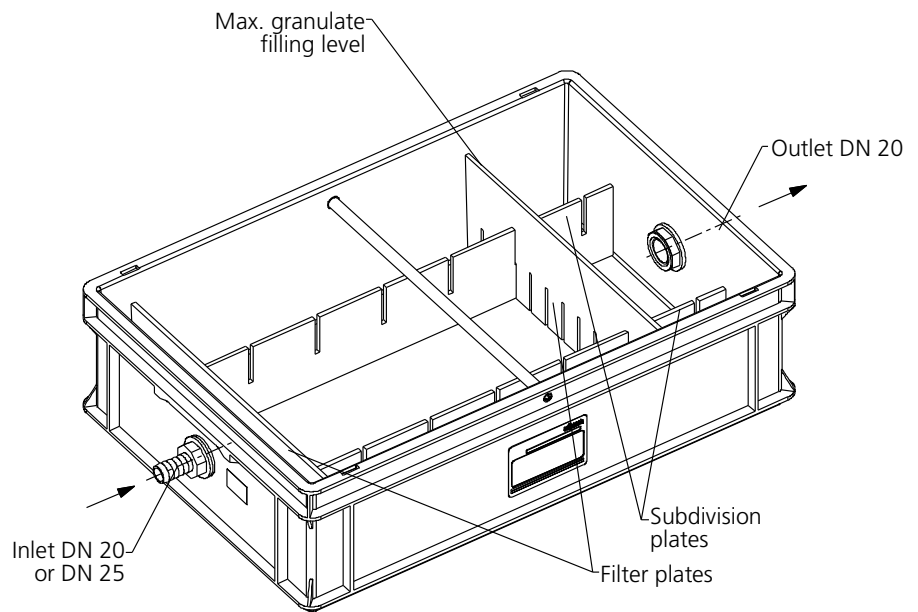


Fig. D-5: Filling level of N-210

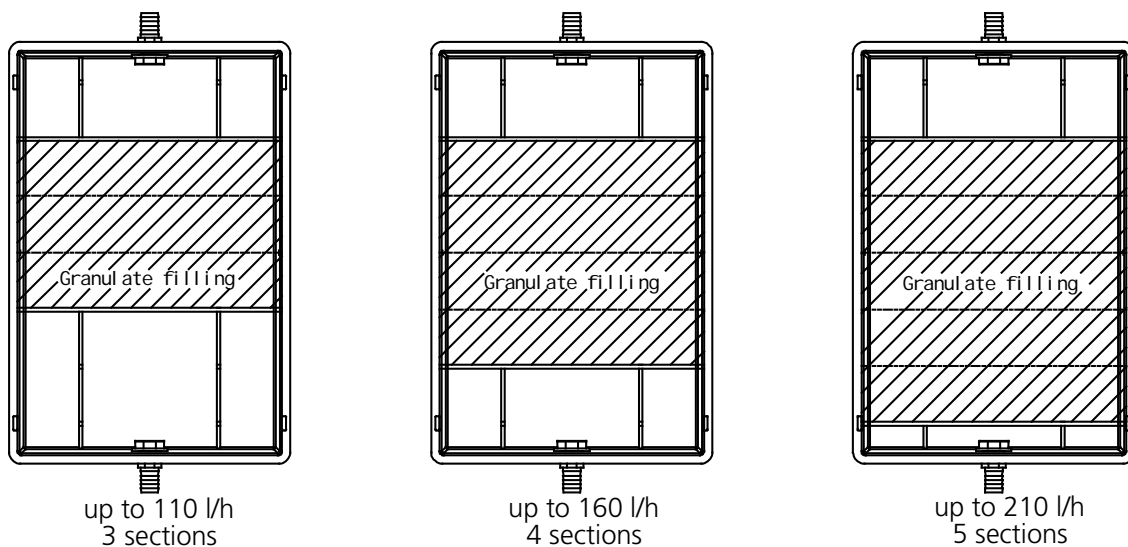


Fig. D-6: N-210 Filling level of neutralisation granulate in case of different capacities

2.2 How to connect the system

- Strictly observe direction of flow as well as technical specifications!
- Connect the system according to the installation instructions and fasten the hoses by means of hose clamps.

3 | Start-up

- Fill the neutralisation system with water.
- Check the system as well as inlet and outlet lines for tightness.
- Close the lid of the neutralisation tank.
- The system is now ready for operation.
- Properly instruct the user resp. the operating personnel
- Fill out the operation log (refer to chapter F, operation log)

E Troubleshooting

Even carefully designed and manufactured technical systems that are operated properly, may experience malfunctions. Table E-1 provides an overview of possible problems that may occur during the operation of the neutralisation system and indicates the causes and their elimination.



Note: Grünbeck's technical customer service/authorised service company definitely must be notified in case of malfunctions that cannot be remedied with the information given in table E-1! When contacting Grünbeck's technical service, please indicate the system designation as well as order number and serial number.



Note: Depending on the operating conditions (season, operating hours of the burner, temperature of heat supply and return, ...), the granulate consumption may vary considerably. This is normal and due to technical reasons.



Note: Clotty granulate is not considered to be a malfunction. If necessary, loosen up the clotty granulate. In general, the neutralisation efficiency is not affected by this. However, deposits of impurities contained in the condensed water may negatively affect the neutralisation efficiency. In general, this may be remedied by more frequent cleaning and renewal of the granulate (refer to chapter C-2). Only use genuine neutralisation granulate (refer to consumables)!

Table E-1: Troubleshooting		
This is what you observe	This is the cause	This is what to do
Short-term increase of the pH value at the outlet to more than 10.	<ul style="list-style-type: none"> • Longer period of standstill 	<ul style="list-style-type: none"> • No immediate action required. • Repeat the check of the pH value after a longer period of continuous operation.
pH value at the outlet is below 6.5 after a longer period of operation.	<ul style="list-style-type: none"> • Neutralisation agent is used up. 	<ul style="list-style-type: none"> • Clean the system in case of severe sludge deposits (refer to maintenance). • Refill granulates.
	<ul style="list-style-type: none"> • Granulate is clotty or clogged due to deposits. • Due to longer periods of standstill, e. g. in the summer months, the granulate is caked and cured. 	<ul style="list-style-type: none"> • Loosen the granulate by adding water, perform maintenance, if necessary.
	<ul style="list-style-type: none"> • Filter plates are dirty. 	<ul style="list-style-type: none"> • Clean the filter plates.

To be continued on next page

Neutralisation systems

GENO[®]-Neutra N-14, N-70, N-210



This is what you observe	This is the cause	This is what to do
pH value at the outlet is permanently above 10 or below 6.5.	Deviating from the reference value of the design specification, highly differentiating condensed water types and condensed water volumes may occur in boiler and flue gas systems and therefore different filling amounts of granulate or system sizes may be required.	<ul style="list-style-type: none">• Adapt the filling amount of granulate (refer to fig. D-3 to D-5) pH > 10 ⇒ less granulate pH < 6.5 ⇒ more granulate• Adapt the system size to the inlet volume of condensed water.

F Maintenance and care

1 | Basic information



Attention! Danger of water damage! Clean resp. replace damaged, old or silted hose connections. Check system for tightness.

In order to guarantee the reliable function of the neutralisation systems over a long period of time, some maintenance work has to be performed at regular intervals. All regulations and guidelines which apply at the installation site must be strictly adhered to.

- The regular inspections can be performed by the operator or by a trained expert contracted by him. Initially, we recommend inspecting the system at shorter intervals and later on as required. However, an inspection is compulsory at least every six months.
- Depending on the impurities contained as well as the volume and the pH value of the condensed water, maintenance work has to be performed at regular intervals, at least, however, once a year, otherwise the warranty will be void.
Maintenance must be performed by an approved installation company with appropriately trained experts or by Grünbeck's technical service/authorised service company.
- In order to document the inspection and maintenance work, an operation log must be kept (for the operation log, see appendix). In case of malfunctions, the operation log helps to identify possible sources of error. In addition the log documents the proper system supervision.



Note: A maintenance contract ensures that all the required maintenance work will be performed in due time.



Note: Only use genuine neutralisation granulate (refer to chapter C, consumables)!

2 | Inspection

Inspection work

- Check the pH value at the condensate outlet. The pH value measured must be higher than 6.5.
- If required, refill neutralisation granulate or perform maintenance.
- Check inlet and outlet lines for deposits and clean them, if necessary.
- Check the water level in the neutralisation system and if necessary, fill with water up to the outlet level.
- Check the system as well as the inlet and outlet lines for tightness.
- Document the inspection in the operation log.

3 | Maintenance

Maintenance work

- Stop the accumulation of condensed water or redirect it to a suitable collecting tank.
- If the accessory "overflow warning switch" is available, de-energise it and remove it from the system together with the lid.
- Clean the system (use a liquid vacuum cleaner) Dispose dirty granulate and sludge according to paragraph A-5. Use the plastic bag included in the maintenance set.
- Check inlet and outlet lines for deposits and clean them, if necessary.
- Fill the neutralisation system with new neutralisation granulate.
- Fill the neutralisation system with water and check the system as well as the inlet and outlet lines for tightness.
- Close the lid of the neutralisation system again. If the accessory "overflow warning switch" is available, energise it and check the function of the alarm signal (simulate backwater). Lift the outlet hose for a short time and fill the tank with water to the level of the overflow orifice. Close the lid - the overflow warning switch must be completely inserted in the terminal screw connection.
- Record the maintenance in the operation log (see appendix).
- Hand over the operation manual to the operator.

4 | Spare parts



Note: For accessories and consumables refer to chapter C.



Note: You may order spare parts, accessories and consumables from your local Grünbeck representative.

Wearing parts:

Various components are subject to a certain wear and tear or ageing and therefore are considered to be wearing parts.



Note: Although these are wearing parts, we grant a limited warranty period of 6 months. The same applies for electrical components. The wearing parts are listed below:

- | | |
|--------------------|----------------------|
| • Hose DN 20 (5 m) | Order no. 857 86 305 |
| • Hose DN 25 (5 m) | Order no. 857 86 307 |

Operation log

Customer

Name:.....
Address:
.....
.....

Neutralisation system

System type
Order no.
Serial number:

Installation: Date:
.....

Company:
Phone:

Start-up: Date:
.....

Company:
Phone:

Connection data/
gas condensing boiler:

Manufacturer:.....
Type: Capacity [kW]:
Combustible:
Material(s) of boiler:
Material(s) of heat exchanger:
Material(s) of flue gas system:

Log of proof for inspection, maintenance and repair work

System type: Order no. Serial no.:

Work performed	Execution confirmed
<input type="checkbox"/> Inspection Description _____ <input type="checkbox"/> Maintenance _____ <input type="checkbox"/> Repair _____	Company: Name: Date/ Signature:
<input type="checkbox"/> Inspection Description _____ <input type="checkbox"/> Maintenance _____ <input type="checkbox"/> Repair _____	Company: Name: Date/ Signature:
<input type="checkbox"/> Inspection Description _____ <input type="checkbox"/> Maintenance _____ <input type="checkbox"/> Repair _____	Company: Name: Date/ Signature:
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Log of proof for inspection, maintenance and repair work

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Work performed	Execution confirmed
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Log of proof for inspection, maintenance and repair work

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