



Air conditioning



Refrigeration



Heating



Treatment

CONDENSATE PUMPS AND SYSTEMS

## ISO 9001 : 2015 CERTIFICATION



## QUALITY POLICY

The Management has established that the priority aspects that must be followed with determination, in the context of all the activities carried out and with the involvement of all staff, are the quality of company performance and the satisfaction of its customers. This is why it has decided to develop a Quality Management System compliant with the ISO 9001 standard; the system is based on a risk-based thinking approach that allows the organization to determine the factors that could generate process deviations and to implement preventive controls to minimize negative effects and better seize opportunities from the market by anticipating trends. We are proud to have obtained this certification, which is fundamental to our development and a guarantee for our customers.



ASSOCIAZIONE ITALIANA  
PRODUTTORI POMPE



**ANIMA**  
CONFINDUSTRIA  
MECCANICA VARIA



ITALIAN PRODUCT

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# Design & quality of work



# Climate control condensate pumps and systems

## **NEOTECH**

### **The acid condensate treatment product line**

For many years, our company has been designing, manufacturing and selling acid condensate treatment products dedicated to both the domestic and industrial sectors.

- **easy to install**
- **silent**
- **versatile and flexible**



Air conditioning



# NTH 7.1

Condensate minipump

Power Alarm **5A**  
up to **10 kW**



**22 mt**



**7,5 l/h**



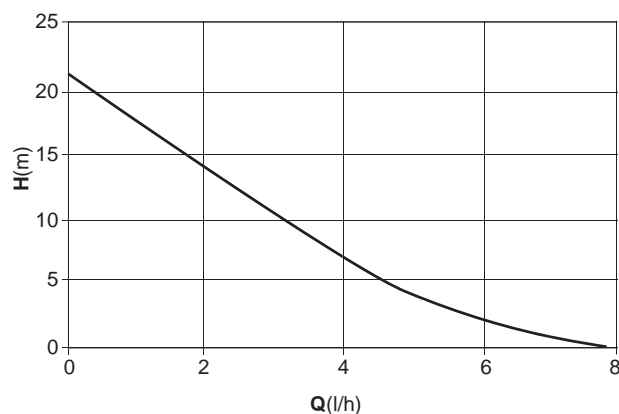
**21 dbA**

Code	Article	Description	Price €
SP04090071	NTH 7.1	Condensate minipump	145,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed.

## Performance



## Into the box

- **Condensate minipump**

mm 91 x 33,5 x H 51  
with power and alarm  
cables 2 m

- **Extra large tank**

mm 85 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Connecting pipe**

pump-tank  
1 mt x Ø 4 mm

- **Discharge pipe**

2 mt x Ø 6 mm

- **Double sided tape**

To fix pump and tank



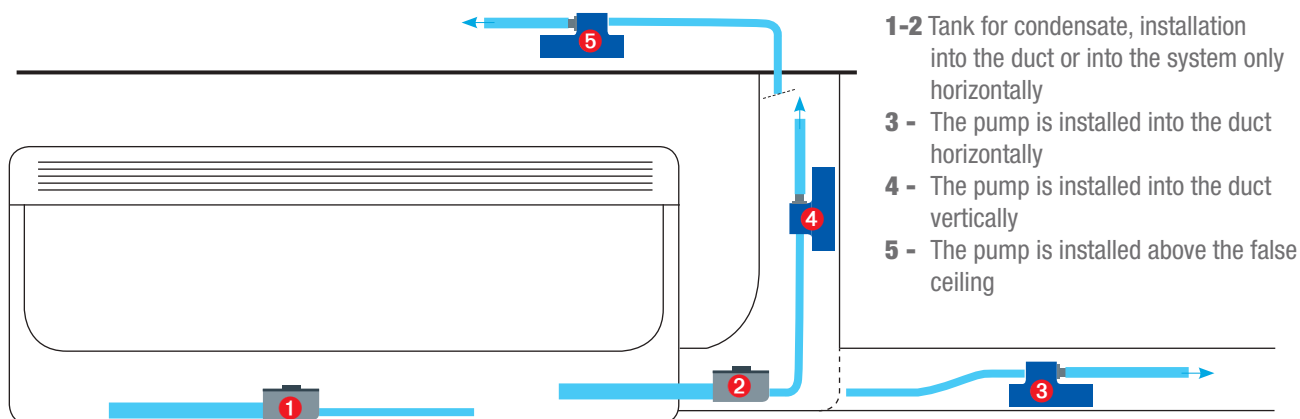
## Pump technical data

- Max flow ..... 7,5 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current ..... 30 mA
- Alarm contacts ..... NC-NA 5A Resistive 250V
- Weight ..... 1,1 Kg
- Stainless steel inlet filter ..... Ø 0,2 mm
- Protection class ..... IP20
- Certification ..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



## Example of installation





Air conditioning



# NTH 7.1 MAX

Condensate minipump with Max tank

Power Alarm **5A**  
up to **10 kW**



**22 mt**



**7,5 l/h**



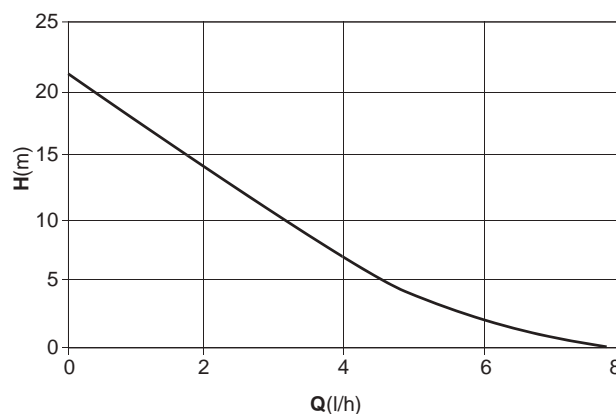
**21 dbA**

Code	Article	Description	Price €
SP04090071M	NTH 7.1MAX	Condensate minipumps with Max tank	193,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed. The Max tank doubles the condensate holding capacity.

## Performance



## Into the box

- **Condensate minipump**

mm 91 x 33,5 x H 51  
with power and alarm  
cables 2 m

- **Extra large tank**

mm 126 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Connecting pipe**

pump-tank  
1 mt x Ø 4 mm

- **Discharge pipe**

2 mt x Ø 6 mm

- **Double sided tape**

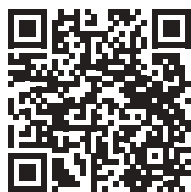
To fix pump and tank



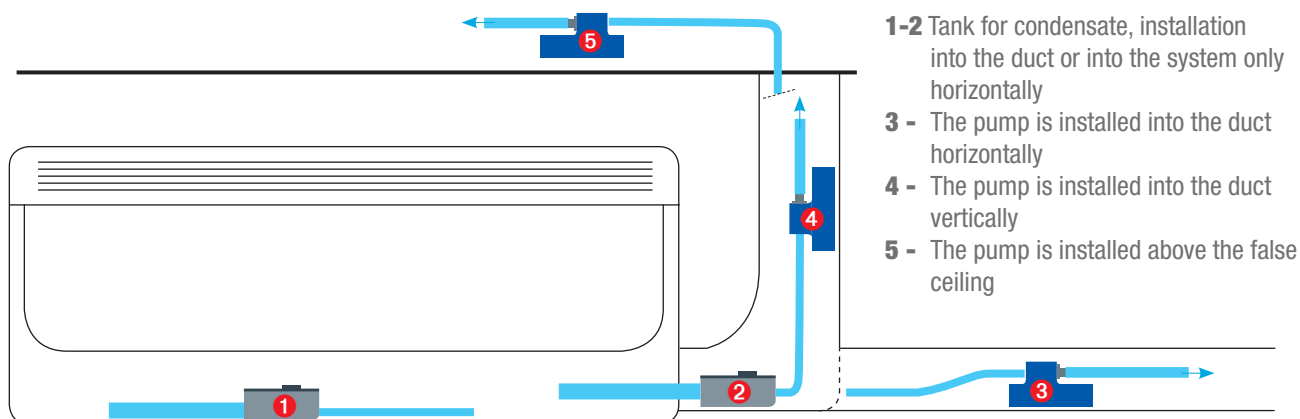
## Pump technical data

- Max flow .....7,5 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current.....30 mA
- Alarm contacts .....NC-NA 5A Resistive 250V
- Weight..... 1,1 Kg
- Stainless steel inlet filter.....Ø 0,2 mm
- Protection class ..... IP20
- Certification..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



## Example of installation





Air conditioning



# NTH 10.1

Condensate minipump

Power Alarm **5A**  
up to **15 kW**



**22 mt**



**11 l/h**



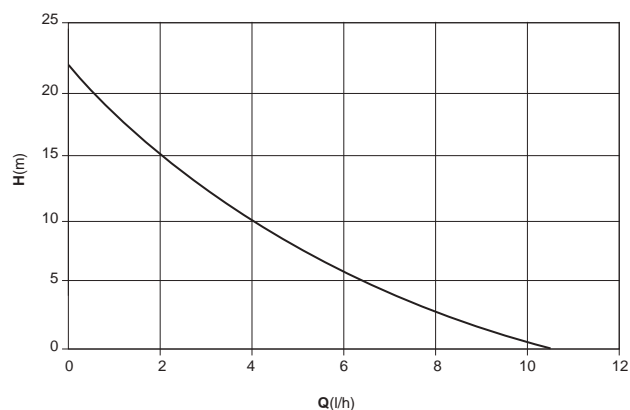
**21 dbA**

Code	Article	Description	Price €
SP04090101	NTH 10.1	Condensate minipump	148,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed.

## Performance



## Into the box

- **Condensate minipump**

mm 91 x 33,5 x H 51  
with power and alarm  
cables 2 m

- **Extra large tank**

mm 85 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Connecting pipe**

pump-tank  
1 mt x Ø 4 mm

- **Discharge pipe**

2 mt x Ø 6 mm

- **Double sided tape**

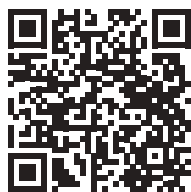
To fix pump and tank



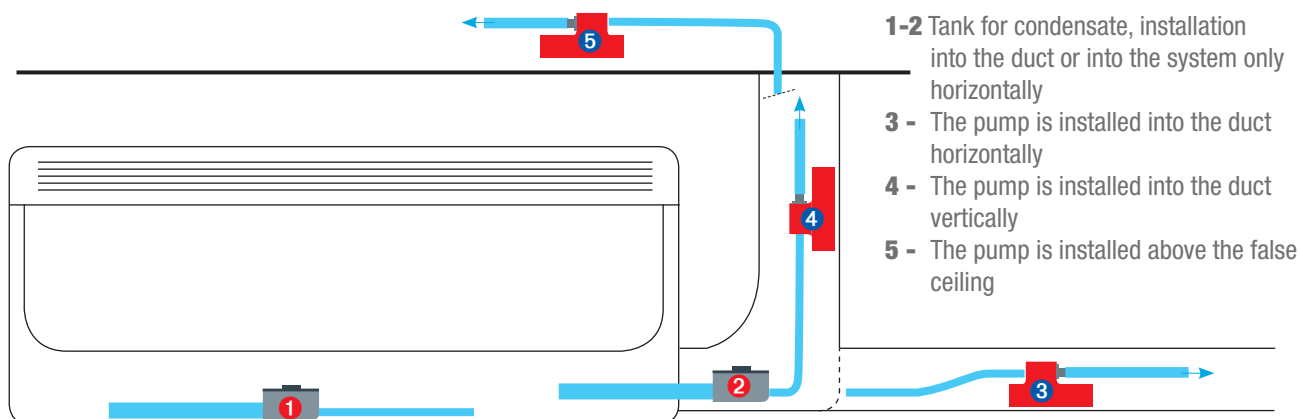
## Pump technical data

- Max flow ..... 11 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current.....30 mA
- Alarm contacts .....NC-NA 5A Resistive 250V
- Weight..... 1,1 Kg
- Stainless steel inlet filter.....Ø 0,2 mm
- Protection class ..... IP20
- Certification..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



## Example of installation





Air conditioning



# NTH 10.1MAX

Condensate minipump with Max tank

Power Alarm **5A**  
up to **15 kW**



**22 mt**



**11 l/h**



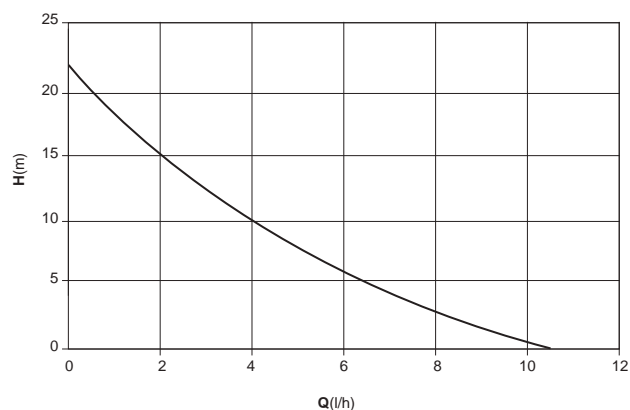
**21 dbA**

Code	Article	Description	Price €
SP04090101M	NTH 10.1MAX	Condensate minipumps with Max tank	196,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed. The Max tank doubles the condensate holding capacity.

## Performance



## Into the box

- **Condensate minipump**

mm 91 x 33,5 x H 51  
with power and alarm  
cables 2 m

- **Extra large tank**

mm 126 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Connecting pipe**

pump-tank  
1 mt x Ø 4 mm

- **Discharge pipe**

2 mt x Ø 6 mm

- **Double sided tape**

To fix pump and tank



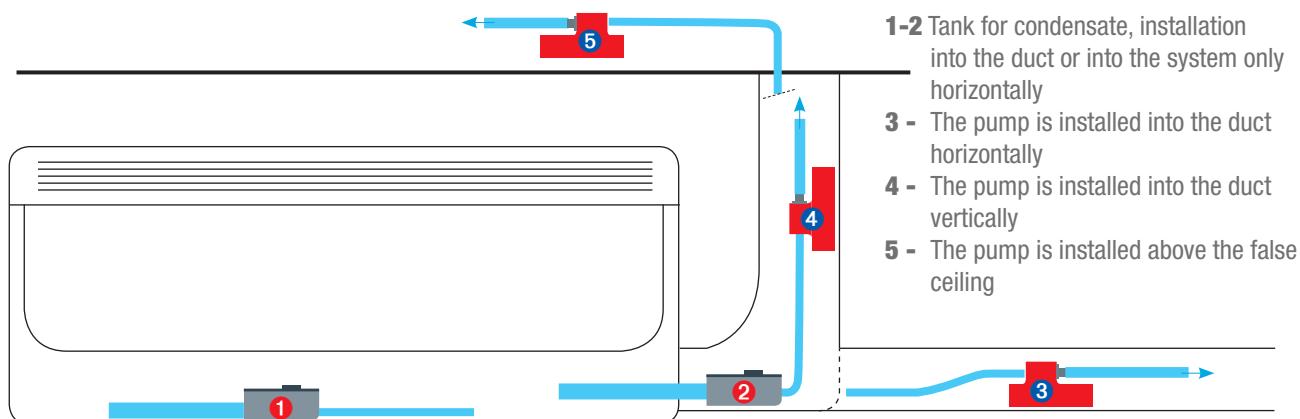
## Pump technical data

- Max flow ..... 11 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current.....30 mA
- Alarm contacts .....NC-NA 5A Resistive 250V
- Weight..... 1,1 Kg
- Stainless steel inlet filter.....Ø 0,2 mm
- Protection class ..... IP20
- Certification..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



## Example of installation





Air conditioning



# NTH 10.1 SLIM

Condensate minipump

Power Alarm **5A**  
up to **15 kW**



**22 mt**



**11 l/h**



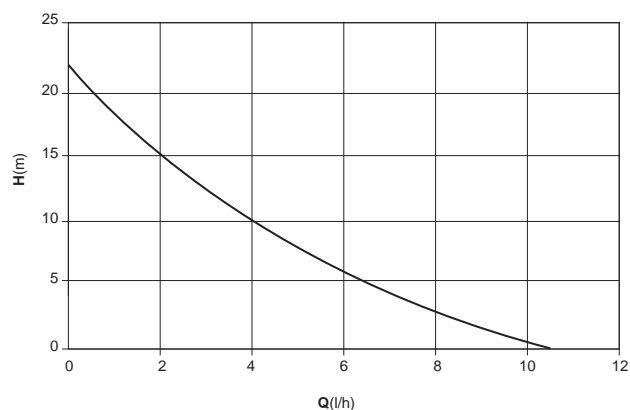
**21 dbA**

Code	Article	Description	Price €
SP04090102	NTH 10.1 SLIM	Condensate minipump SLIM	183,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed.

## Performance



## Into the box

- **Condensate minipump**

mm 175 x 34 x H 41  
with power and alarm  
cables 2 m

- **Extra large tank**

mm 85 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Discharge pipe**

2 mt x Ø 6 mm

- **Double sided tape**

To fix pump and tank



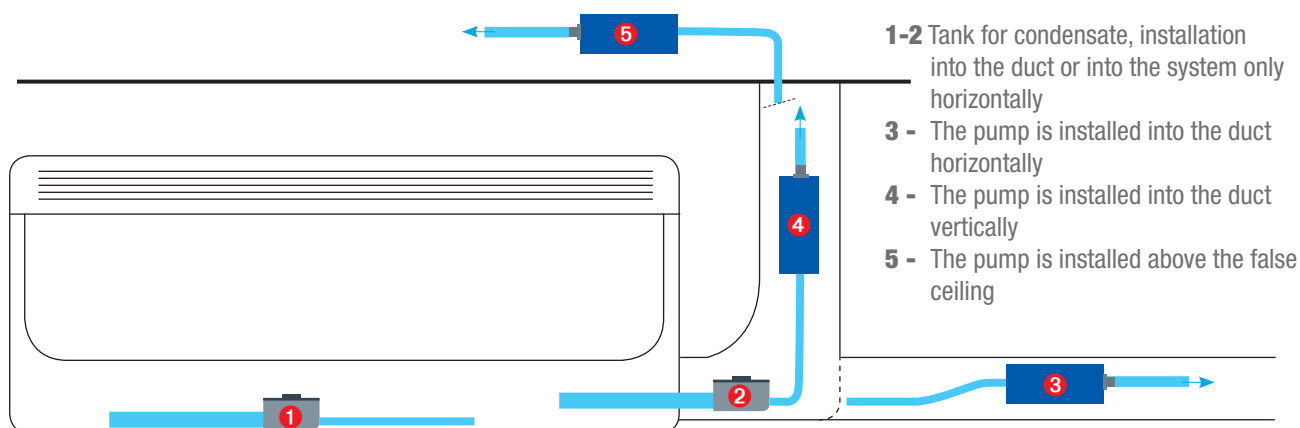
## Pump technical data

- Max flow ..... 11 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current ..... 30 mA
- Alarm contacts ..... NC-NA 5A Resistive 250V
- Weight ..... 1,1 Kg
- Stainless steel inlet filter ..... Ø 0,2 mm
- Protection class ..... IP20
- Certification ..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



## Example of installation





Air conditioning



# NTH 14

Condensate minipump

Power Alarm **5A**  
up to **15 kW**



**22 mt**



**11 l/h**



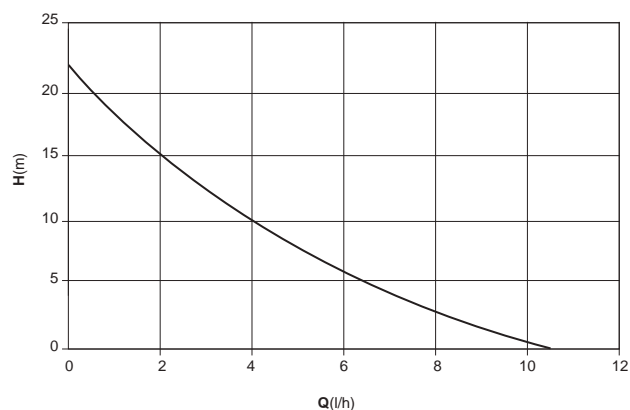
**21 dbA**

Code	Article	Description	Price €
SP04090140	NTH 14	Condensate minipump	179,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed.

## Performance



## Into the box

- **Condensate minipump**

mm 91 x 33,5 x H 51  
with power and alarm  
cables 2 m

- **Connector**

Fast electrical connection

- **Extra large tank**

mm 85 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Connecting pipe**

pump-tank  
1 mt x Ø 4 mm

- **Discharge pipe**

2 mt x Ø 6 mm

- **Double sided tape**

To fix pump and tank



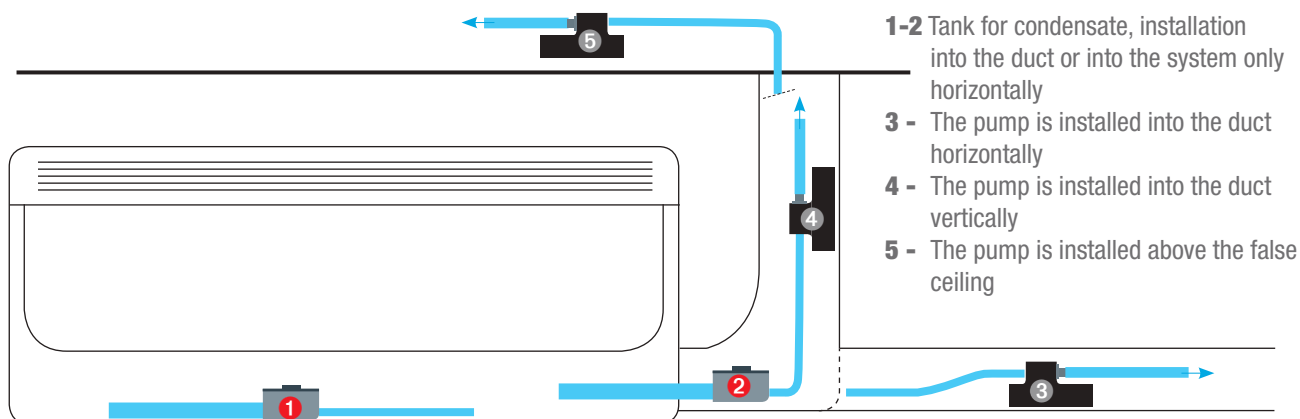
## Pump technical data

- Max flow ..... 11 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current.....50 mA
- Alarm contacts .....NC-NA 5A Resistive 250V
- Weight..... 1,1 Kg
- Stainless steel inlet filter.....Ø 0,2 mm
- Protection class ..... IP20
- Certification..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



## Example of installation





Air conditioning

**Double sided tape**  
To fix pump and tank



# NTH 14 SLIM

Condensate minipump

**Power Alarm 5A**  
up to **15 kW**



**22 mt**



**11 l/h**



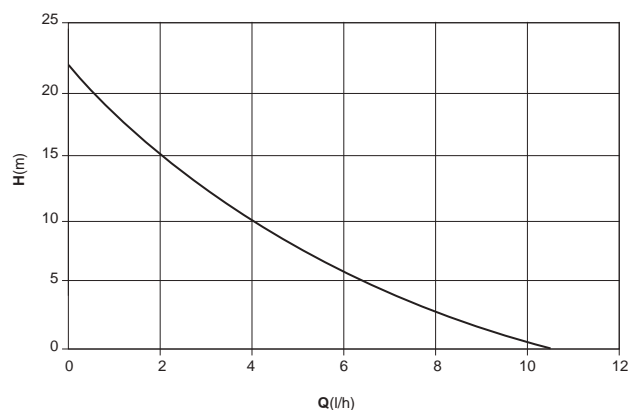
**21 dbA**

Code	Article	Description	Price €
SP04090143	NTH 14 SLIM	Condensate minipump SLIM	212,00

## Description

The pump and the tank are designed to collect and discharge the condensate. The small dimensions and the fast wiring make the installation easy and flexible. The duct can be installed on the left or on the right of the air-conditioning system. The alarm signal includes double contacts normally open or closed.

## Performance



## Into the box

- **Condensate minipump**

mm 175 x 34 x H 41  
with power and alarm  
cables 2 m

- **Connector**

Fast electrical connection

- **Extra large tank**

mm 85 x 45 x H 34,5

- **Inlet pipe**

cm 10 x Ø 15 mm

- **Breather tube**

cm 10 x Ø 5 mm

- **Discharge pipe**

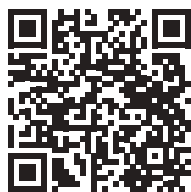
2 mt x Ø 6 mm

- **Double sided tape**

To fix pump and tank



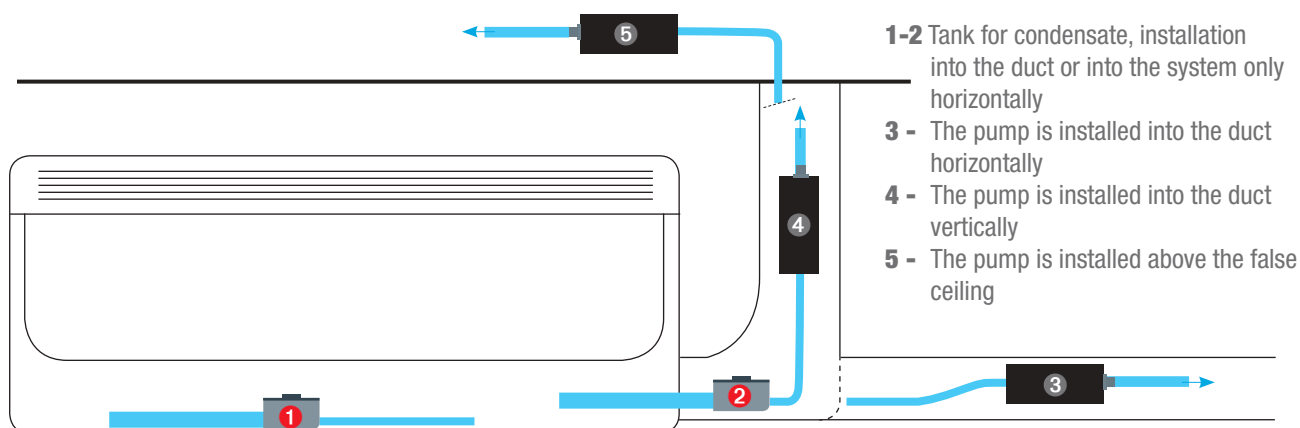
INSTALLATION  
VIDEO



## Pump technical data

- Max flow ..... 11 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current ..... 50 mA
- Alarm contacts ..... NC-NA 5A Resistive 250V
- Weight ..... 1,1 Kg
- Stainless steel inlet filter ..... Ø 0,2 mm
- Protection class ..... IP20
- Certification ..... CE
- RoHS 2 compliant ..... Approved

## Example of installation





Air conditioning



# UNDERSPLIT 10

Undersplit condensate mini pump

Power Alarm **5A**  
up to **15 kW**



**22 mt**



**11 l/h**



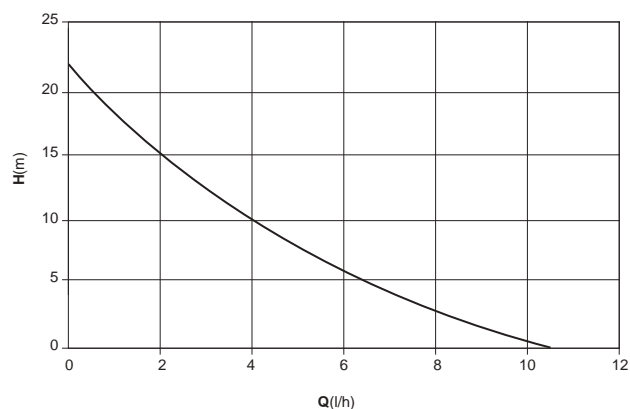
**21 dbA**

Code	Article	Description	Price €
SP0477778	UNDERSPLIT 10	UNDERSPLIT 10 Condensate minipump	227,00

## Description

UNDERSPLIT 10 is a compact condensate collection and drainage system with an attractive design, created to be installed underneath high-wall indoor units. It allows easy access for maintenance work.

## Performance



## Into the box

- **Minipump**

mm 165 x 55 x H 126

wired with 2 m power cable and alarm

- **Delivery pipe**

2 mt x Ø 6 mm

- **Kit**

Fixing screws kit



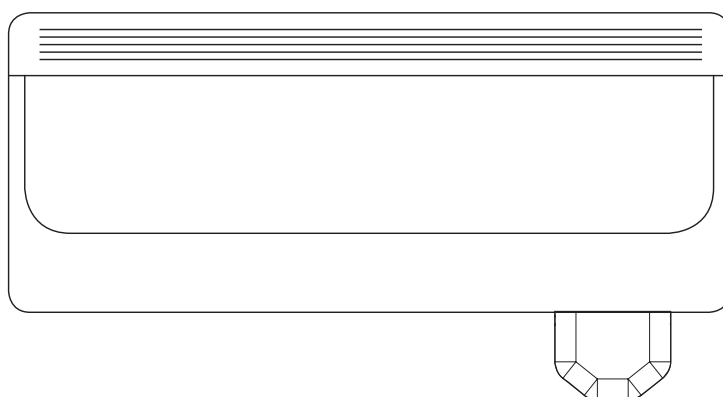
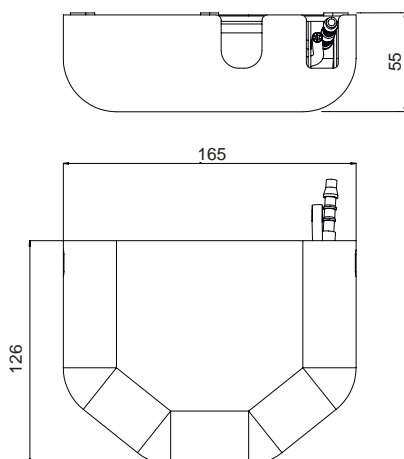
## Pump technical data

- Max flow ..... 11 l/h
- Max head ..... 22 m
- Voltage ..... 230V - 50Hz
- Max rated current.....30 mA
- Alarm contacts .....NC-NA 5A 50V
- Weight..... 1,2 Kg
- Stainless steel inlet filter.....Ø 0,2 mm
- Protection class ..... IP20
- Power cable ..... 2 m
- Inlet pipe.....max Ø 22 mm
- Outlet pipe.....Ø 6 mm
- Certification..... CE
- RoHS 2 compliant ..... Approved

### INSTRUCTIONS



## Example of installation





Air conditioning



# NTH36

Condensate pump

up to **20 kW**



**10 mt**



**36 l/h**



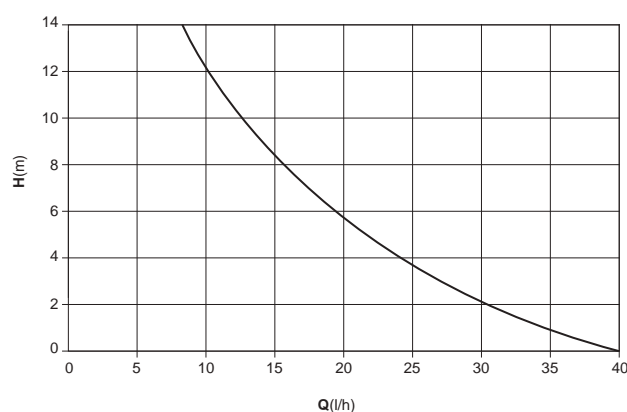
**21 dbA**

Code	Article	Description	Price €
SP04090036	NTH 36	NTH 36 Condensate pump	199,00

## Description

Pump and tank are designed to collect and drain condensate. The small size and easy wiring make the installation of the product, simple and flexible. The design of the pump allows easy access for maintenance work. The alarm signal includes dual normally open or closed contacts.

## Performance



## Into the box

- **Pump**

mm 205 x 94 x H 62  
wired with 2 m power cable and alarm

- **Kit**

Fixing screws kit

- **Inlet pipe adapter**

pipe Ø 19 mm - Ø 32 mm

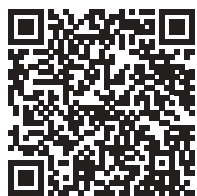
- Cable tie for tube



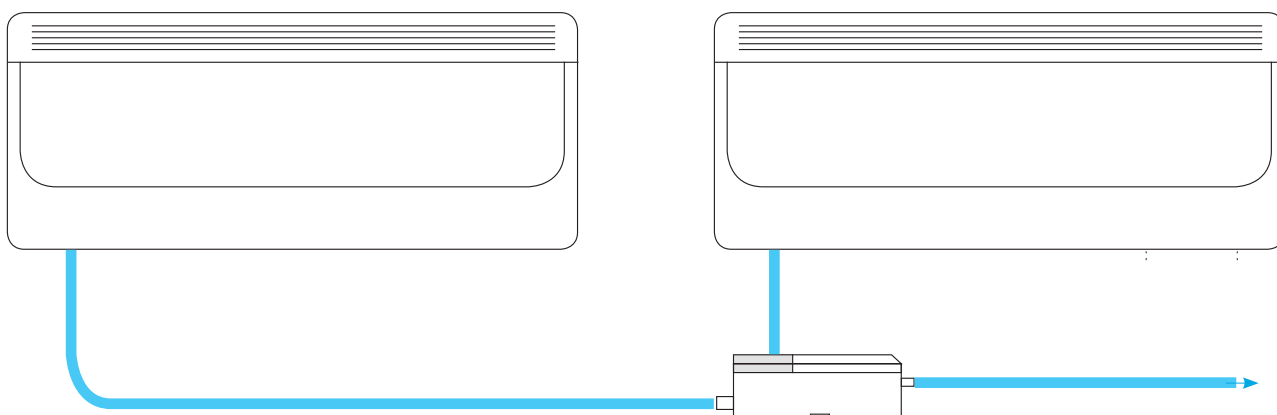
## Specifiche tecniche pompa

- Max flow ..... 36 l/h
- Max head ..... 10 m
- Voltage ..... 230V - 50Hz
- Max rated current.....3 W
- Alarm contacts ..... NC
- Weight.....0,5 Kg
- Protection class ..... IP20
- Power cable ..... 1 m
- N° 2 inputs ..... Ø 19 ÷ 32 mm
- Inner tube delivery (excluded).....6 x 8 mm
- Tank capacity.....170 ml
- Certification.....CE
- RoHS 2 compliant.....Approved

### INSTRUCTIONS



## Example of installation





Air conditioning

**Power Alarm 5A**  
up to **15 kW**

# NTH 14-E800

Preassembled system with condensate minipump



**22 mt**



**11 l/h**



**20 dbA**

Code	Article	Description	Price €
SP04090148	NTH 14-E800	Preassembled minipump condensate kit	230,00

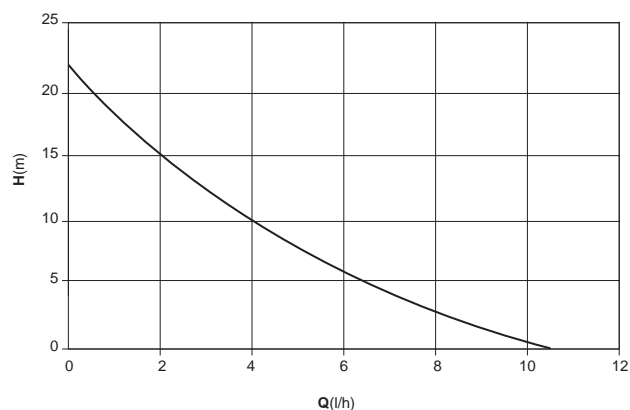
## Description

It is a ready-to install pump-system to remove the condensate.

The wall mounting allows to install the tank on the left or the right of the air-conditioning unit.

The alarm signal includes double contacts normally open or closed.

## Performance



## Into the box

- **Preassembled kit**

Wired minipump

Extra large tank

- **Connector**

Fast electrical connection

- **Inlet pipe**

cm 50 x Ø 15 mm

- **Discharge pipe**

2 mt x Ø 6 mm

preassembled

- **Gasket**

for supporting conditioning duct

- **Pass through wall**

Final element



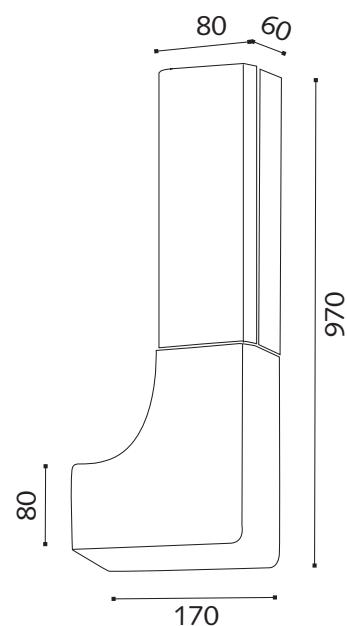
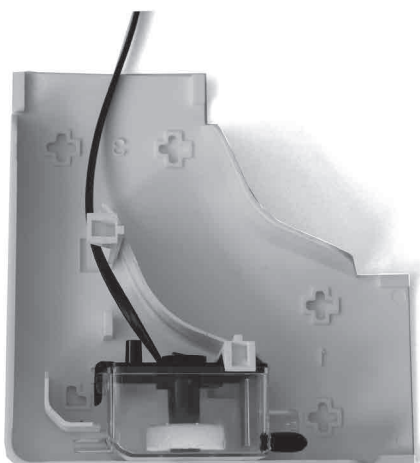
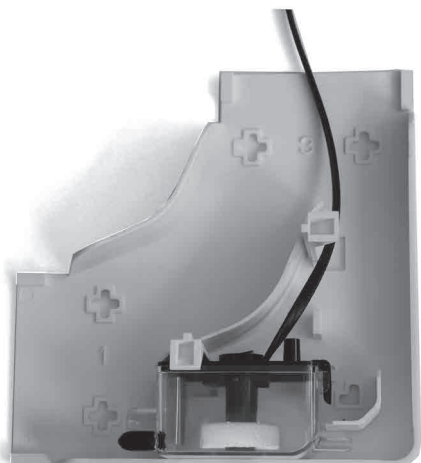
## Pump technical data

- Max flow ..... 11 l/h
- Max suction ..... 2 m
- Max head ..... 22 m
- Duct.....80x60x970 mm
- Voltage ..... 230V - 50Hz
- Max rated current.....50 mA
- Alarm contacts ..... NC-NA 10A Resistive 250V
- Weight..... 1,6 Kg
- Stainless steel inlet filter.....Ø 0,2 mm
- Protection class ..... IP20
- Certification..... CE
- RoHS 2 compliant ..... Approved

INSTALLATION  
VIDEO



Two possibilities of tank assembling in the right or left angle





Air conditioning



# CLOUD

Condensation nebulizer

**Power Alarm 5A**  
up to **8 kW**



**19 mt**



**15 l/h**



**35 dbA**

Code	Article	Description	Price €
SP04772222	CLOUD	CLOUD condensation nebulizer	331,00

## Description

CLOUD is a system for nebulizing condensate drains from air conditioning systems, to be installed when condensate drainage problems occur. CLOUD provides a savings in installation costs, as it does not require condensate discharge piping.

Anti-corrosion stainless steel  
spray nozzle



## Into the box

- **Cloud**

System for nebulizing condensates from air conditioning  
mm 200 x 154 x 85

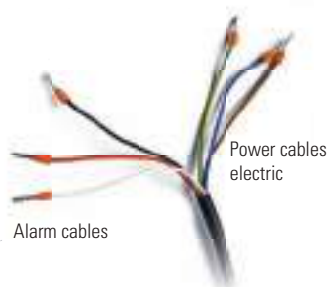
- **Nozzle**

Nebulizer nozzle made of steel

- **Connecting pipe**

Ø 6 mm

- Cable tie for the adaptor



### INSTRUCTIONS

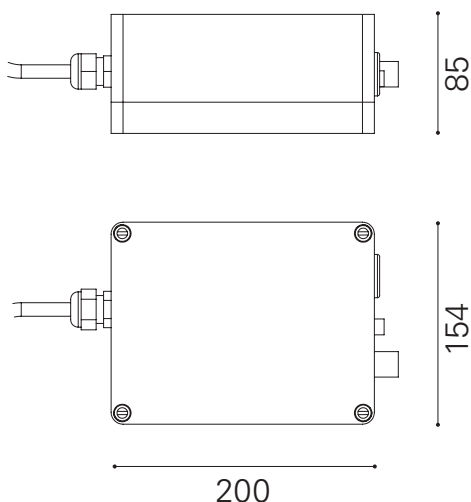


## Technical data

- Max flow ..... 11 l/h
- Voltage ..... 230V - 50Hz
- Max rated current..... 30 mA
- Alarm contacts ..... NC-NA 5A 50V
- Weight..... 1,2 Kg
- Stainless steel inlet filter..... Ø 0,2 mm
- Protection class ..... IP20
- Power cable ..... 2 m
- Inlet pipe..... max Ø 22 mm
- Outlet pipe..... Ø 6 mm
- Certification..... CE
- RoHS 2 compliant ..... Approved

## Example of installation

- Connect to each single and multi split air conditioner
- Use for indoor and outdoor drains
- Nozzle can be attached anywhere on the wall or outdoor unit





Air conditioning



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# ANTI-SIPHON

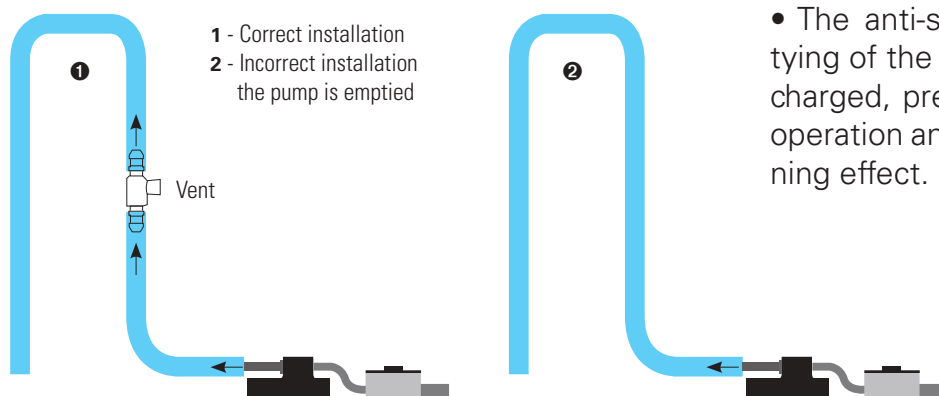
Device to prevent siphoning effect

Device able to prevent the siphon effect. This effect occurs when the delivery pipe rises vertically and then descends beyond the level of the tank. In these conditions, the water draining downwards tends to empty the pipe. This effect causes short dry running periods, that decreases the pump life.

Code	Article	Description	Price €
99PLP736C	ANTI-SIPHON	Device to prevent siphoning effect	12,00

## Technical data

- Connection for internal pipe Ø 6 mm
- The anti-siphon device prevents emptying of the pump, which always remains charged, preventing noise at the start of operation and safeguarding against siphoning effect.





Air conditioning



Refrigeration



# CONNECTOR

## PVC pipe connector to rigid drain pipe

The drain connector secures the Ø 6 mm PVC condensate pipe to the drain pipes. This accessory ensures more reliable anchorage of the drain and speeds up installation operations.

Code	Article	Description	Price €
99PLP731C	CONNECTOR	PVC pipe drain connector at Ø 6 mm	18,00



### Assembly sequence

- 1 - Drill the drain piping appropriate Ø 14 mm drill bit
- 2 - Insert the rubber gasket inside the hole, locking it to the thickness of the pipe
- 3 - Insert the connector inside the gasket
- 4 - Screw the connector by tightening it to the end of the stroke



Air conditioning



Refrigeration



# NTH 110

Refrigerator condensate pump

**Power Alarm 2A**



**30 mt**



**110 l/h**



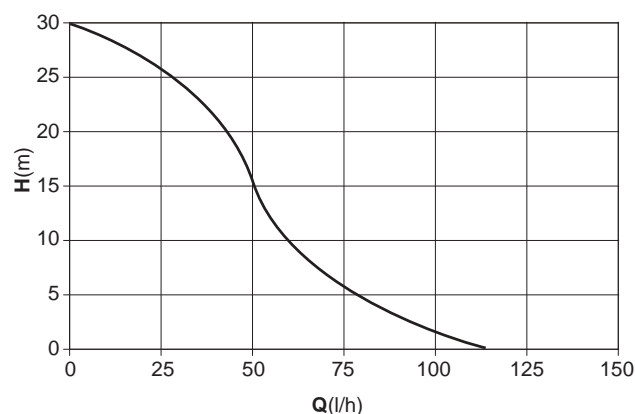
**60 dbA**

Code	Article	Description	Price €
SP04091100	NTH 110	Condensate pump 110 l/h	774,00

## Description

The NTH 110 has been designed to remove condensate from refrigerated displays and counters. It is made of stainless steel to grant a constant use and a longer working life. The condensate collection tank is located at the top with a capacity of 3 l, constructed of ultra-flat stainless steel makes it easy to place on any type of refrigerated display case.

## Performance



## Into the box

- **Pump**

mm 465 x 205 x H 60  
with power cables 2 m

- **Damping tape**

Can be used laterally  
or under the tank

- Cable tie for the adaptor



## Pump technical data

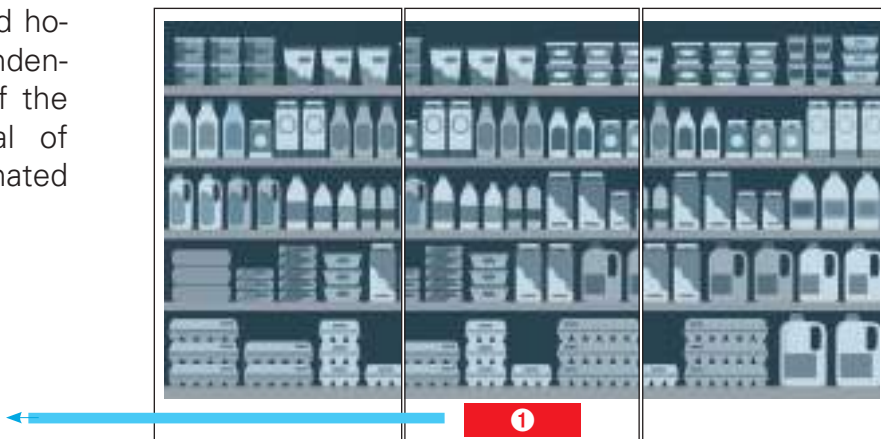
- Max flow .....110 l/h
- Max head .....30 m
- Voltage ..... 230V - 50Hz
- Max rated current.....37 W
- Alarm contacts ..... NC-NA 2A 50V
- Weight.....4 Kg
- Inlet suction.....50 mm
- External delivery diameter.....15 mm
- Delivery diameter with hose holder.....7,0 mm
- Power cable ..... 2 mt
- No alarm cable.....no provided
- Tank volume.....3 lt
- Certification..... CE
- Protection class .....IP51
- RoHS 2 compliant ..... Approved

### INSTRUCTIONS



## Example of installation

**1** - The pump can be placed horizontally collecting the condensate from the upper part of the tank. Enables the removal of defrost water and contaminated water.





Air conditioning



Refrigeration



# NTH 210

Refrigerator condensate pump



Signal panel detail



**48 mt**



**210 l/h**



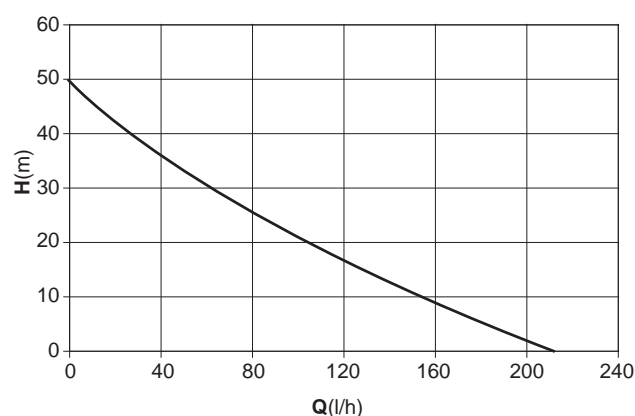
**60 dbA**

Code	Article	Description	Price €
SP04092100	NTH 210	Condensate pump 210 l/h	570,00

## Description

NTH 210 has been designed to remove condensate from refrigerated displays and counters. Constructed of stainless steel, it is designed with a booster pump that ensures high hydraulic performance. The condensate collection tank is located at the top with a capacity of 3 l, constructed of ultra-flat stainless steel makes it easy to place on any type of refrigerated display case.

## Performance



## Into the box

- **Pump**

mm 527 x 274 x H 67  
with power cables 2 m

- Cable tie for the adaptor



Booster pump detail

### INSTRUCTIONS

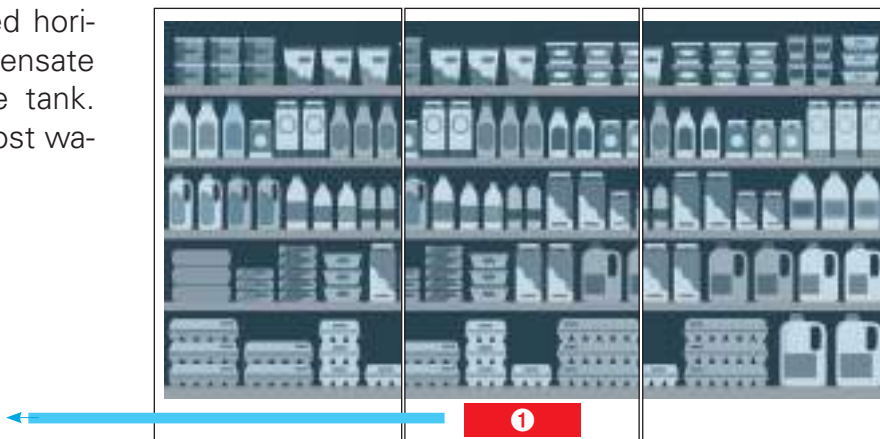


## Pump technical data

- Max flow ..... 210 l/h
- Max head ..... 48 m
- Voltage ..... 230V - 50Hz
- Max rated current..... 45 W
- Ambient temperature..... 0°C ÷ 50°C
- Weight..... 4,5 Kg
- Side inlet diameter..... 30 mm
- Upper inlet diameter..... 50 mm
- Delivery diameter with hose holder..... 10 mm
- Power cable ..... 2 mt
- No alarm cable..... no provided
- Tank volume..... 4,5 lt
- Certification..... CE
- Protection class ..... IP51
- RoHS 2 compliant ..... Approved

## Example of installation

**1** - The pump can be placed horizontally collecting the condensate from the upper part of the tank. Enables the removal of defrost water and contaminated water.



# Acid condensate drainage systems

## **NEOTECH**

### **The acid condensate treatment product line.**

Neotech at the forefront of acid condensate pump technology. Our experience allows us to understand the need for installation and therefore we create reliable products that best adapt to the applications and environment.

- **easy to install**
- **silent**
- **versatile and flexible**



Design & quality of work





Heating

**Power Alarm 5A**  
up to **34 kW**



# EASYCONDENSATE 2.0

Acid condensate system



**19 mt**



**12 l/h**



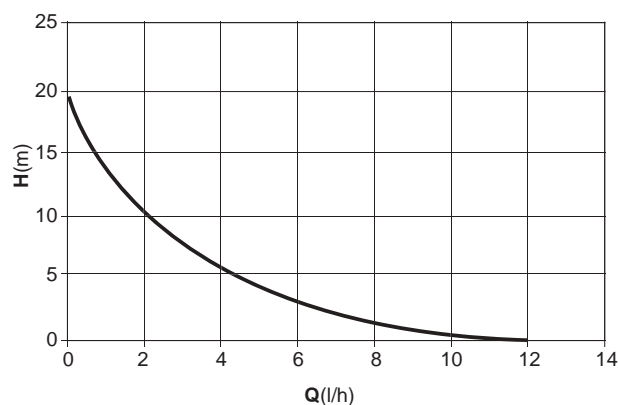
**21 dbA**

Code	Article	Description	Price €
SP04777779	EASY CONDENSATE 2.0	Acid condensate system	231,00

## Description

EASY CONDENSATE 2.0 is a system of pleasing design, created for collecting and draining acid condensate from the gas boiler. The quality of the materials used allows its use particularly in the field of heating. Its small and compact dimensions enable its easy installation. The system is equipped with an extremely quiet pump and tank with inlet filtration.

## Performance



## Into the box

- **Minipump**

mm 165 x 55 x H 126

wired with 2 m power cable and alarm

- **Delivery pipe**

2 mt x Ø 6 mm

- **Kit**

Fixing screw kit



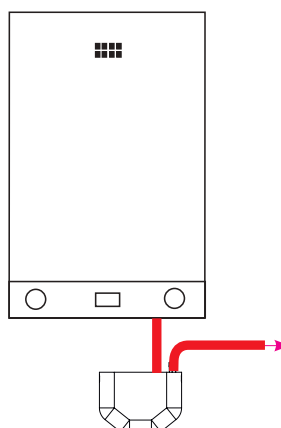
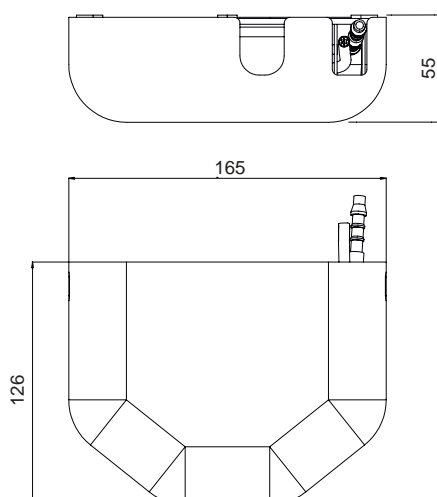
## Pump technical data

- Max flow.....12 l/h
- Max head.....19 m
- Voltage.....230V - 50Hz
- Absorption max.....30 W
- Alarm contacts.....NA NC 5A 50V
- Weight.....1,2 Kg
- Stainless steel inlet filter from.....Ø 0,2 mm
- Protection class.....IP20
- Condensate max condense.....60°C
- Condensate PH.....higher than 2,7
- Electric cable.....2 m
- Inlet pipe.....max Ø 22 mm
- Internal pipe delivery .....Ø 6 mm
- Certification.....CE
- RoHS 2 compliant .....Approved

### INSTRUCTIONS



## Example of installation





Heating



Air conditioning



Refrigeration



# NTH 330 WG6

Acid condensate centrifugal pump

Power Alarm **5A**  
up to **287 kW**



**4,6 mt**



**370 l/h**



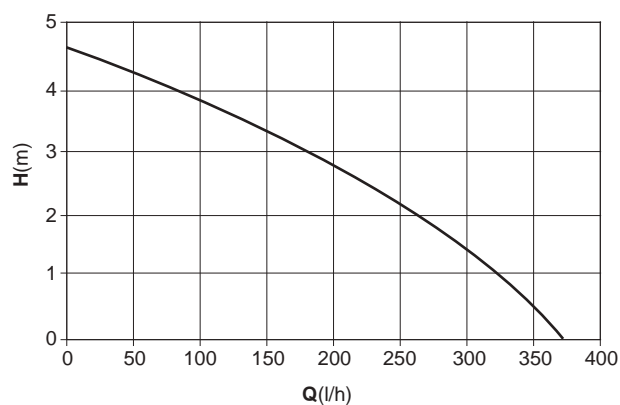
**44 dbA**

Code	Article	Description	Price €
SP04094447	NTH 330 WG6	Condensate pump	195,00

## Description

The pump is designed and built to recover the condensate coming from air conditioners or boilers. The alarm signal includes double contacts normally open or closed.. The pump's motor works with positive head and is protected by a double lip-seal.

## Performance



## Into the box

- **Pump**

mm 225 x 104 x H 134

wired with 2 m power cable and alarm

- **Delivery pipe**

6 mt x Ø 8 mm

- **Inlet pipe adapter**

pipe Ø 50 mm - Ø 25 mm

- **Damping tape**

Can be used laterally  
or under the tan

- Cable tie for the adaptor



## Pump technical data

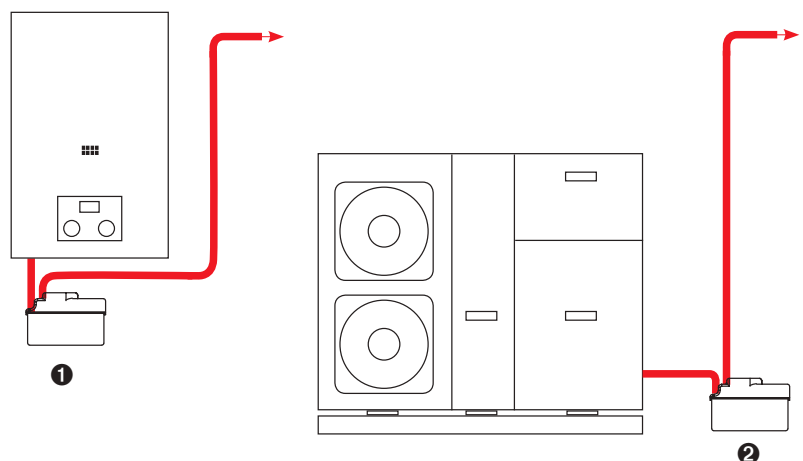
- Max flow.....370 l/h
- Max head.....4,6 m
- Voltage.....230V - 50Hz
- Absorption max..... 0,75 mA
- Alarm contacts.....NA NC 5A Resistive 250V
- Weight.....2,3 Kg
- Tank volume.....0,8 lt
- Protection class..... IP20
- Condensate max condense..... 60°C
- Condensate PH.....>2,8
- Power cable, Schuko plug and alarm.....2 m
- Non return valve included..... Ø 8 mm
- Screws, bolts, nuts.....Stainless Steel 304
- Certification..... CE
- RoHS 2 compliant .....Approved

### INSTRUCTIONS



## Example of installation

- 1 - wall-mounted or floor standing boilers
- 2 - cooling system





Heating



Air conditioning



Refrigeration



# NTH 360 WG6

Acid condensate centrifugal pump

Power Alarm **5A**  
up to **287 kW**



**5,2 mt**



**360 l/h**



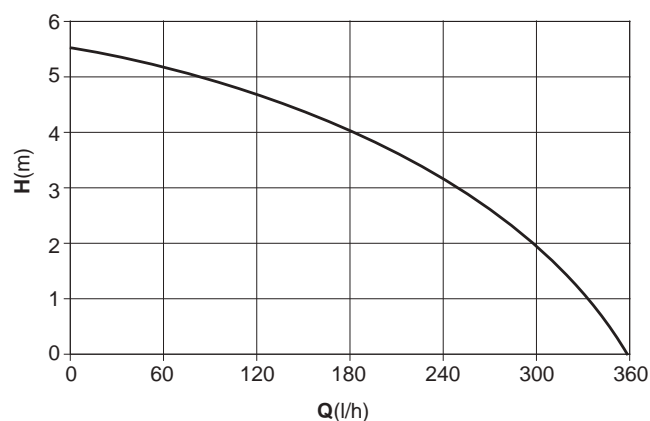
**44 dbA**

Code	Article	Description	Price €
SP04093666	NTH 360 WG6	Condensate pump	190,00

## Description

The pump is designed and built to recover the condensate coming from air conditioners or boilers. The alarm signal includes double contacts normally open or closed. The pump's motor works with positive head and is protected by a double lip-seal.

## Performance



## Into the box

- **Pump**

mm 285 x 140 x H 198

wired with 2 m power cable and alarm

- **Delivery pipe**

6 mt x Ø 8 mm

- **Inlet pipe adapter**

pipe Ø 50 mm - Ø 25 mm

- **Damping tape**

Can be used laterally  
or under the tan

- Cable tie for the adaptor



## Pump technical data

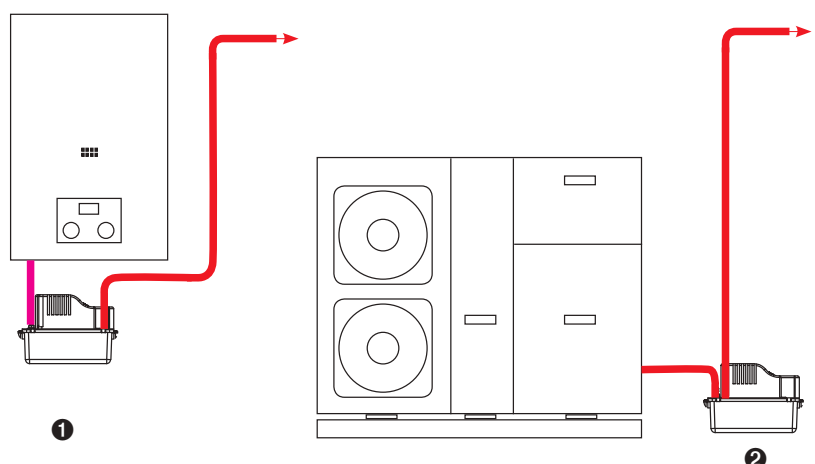
- Max flow.....360 l/h
- Max head.....5,2 m
- Voltage.....230V - 50Hz
- Absorption max.....0,6 mA
- Alarm contacts.....NA NC 5A Resistive 250V
- Weight.....2,4 Kg
- Tank volume.....2,3 lt
- Protection class.....IP20
- Condensate max condense..... 60°C
- Condensate PH.....>2,8
- Power cable, Schuko plug and alarm.....2 m
- Non return valve included..... Ø 8 mm
- Screws, bolts, nuts.....Stainless Steel 304
- Certification.....CE
- RoHS 2 compliant .....Approved

### INSTRUCTIONS



## Example of installation

- 1 - wall-mounted or floor standing boilers
- 2 - cooling system





Heating



Air conditioning



Refrigeration

**Power Alarm 5A**  
up to **287 kW**

# NTH 360 DIGITAL

Electronic pump for acid condensate



**5,2 mt**



**360 l/h**



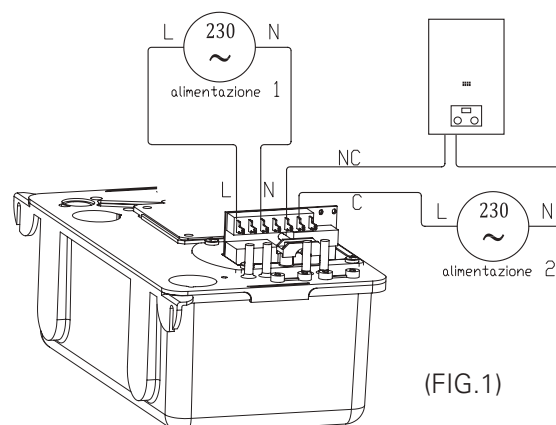
**44 dbA**

Code	Article	Description	Price €
SP040999966	NTH 360 DIGITAL	Electronic pump for acid condensate	222,00

## Description

Pump for evacuation of condensate from boilers, the level of condensate inside the pump is managed without moving mechanical components, this provides great reliability. The functionality is guaranteed by software also with the presence of dirt. The new internal structure of the pump provides greater insulation from corrosive fumes and vapours from the tank. NTH360 DIGITAL pump can be powered with an independent system from the boiler maintaining the alarm intervention active.

## Electrical connection



## Into the box

- **Pump**

mm 285 x 140 x H 198

wired with 2 m power cable and alarm

- **Delivery pipe**

6 mt x Ø 8 mm

- **Inlet pipe adapter**

pipe Ø 50 mm - Ø 25 mm

- **Damping tape**

Can be used laterally  
or under the tan

- Cable tie for the adaptor



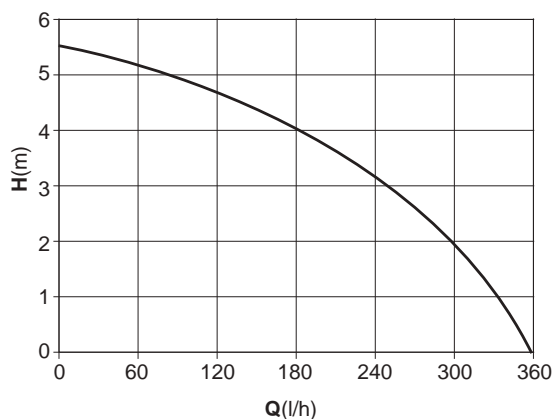
### INSTRUCTIONS



## Pump technical data

- Max flow.....360 l/h
- Max head.....5,2 m
- Voltage.....230V - 50Hz
- Absorption max.....0,6 mA
- Alarm contacts.....NA NC 5A Resistive 250V
- Weight.....2,4 Kg
- Tank volume.....2,3 lt
- Protection class..... IP20
- Condensate max condense..... 60°C
- Condensate PH.....>2,8
- Power cable, Schuko plug and alarm.....2 m
- Non return valve included..... Ø 8 mm
- Screws, bolts, nuts.....Stainless Steel 304
- Certification..... CE
- RoHS 2 compliant .....Approved

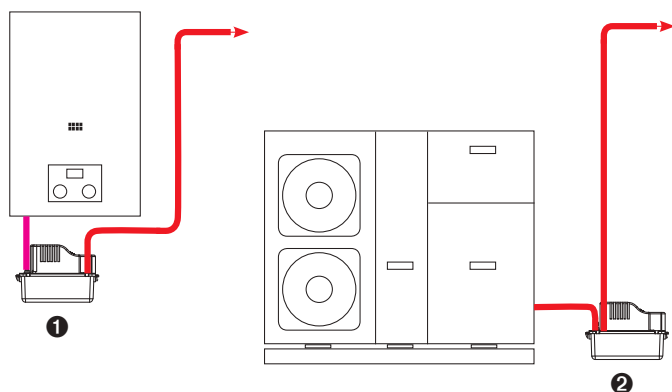
## Performance



## Example of installation

1 - wall-mounted or floor tanding boilers

2 - cooling system





Heating



# NTH 330 XPH

Power Alarm **5A**  
up to **50 kW**

Acid condensate pump with neutralizer



**4,6 mt**



**370 l/h**



**45 dbA**

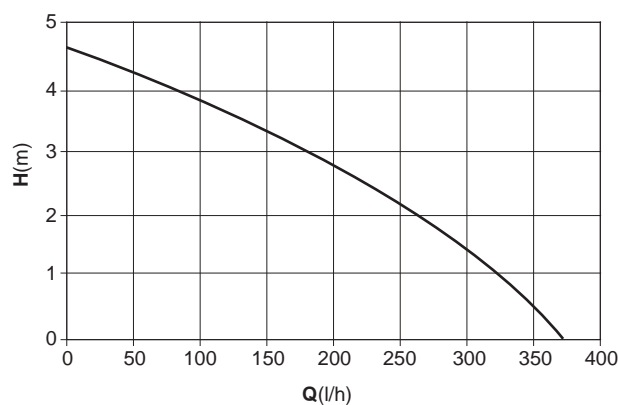
Code	Article	Description	Price €
SP04098881	NTH 330 XPH	Condensate pump	239,00
SPN0409005	NEUTRALKIT05	Granular Neutralkit	33,00

## Description

The pump is designed and built to recover and discharge the condensate coming from the boilers.

The monobloc solution with neutralizer is suitable for all kind of installations, overall when it is not possible to discharge for gravity. The replacement of neutralizer is easy and fast.

## Performance



## Into the box

- **Pump**

mm 330 x 104 x H 134

wired with 2 m power cable and alarm

- **Neutralkit**

Neutralizer granular refill

- **Delivery pipe**

6 mt x Ø 8 mm

- **Inlet pipe adapter**

pipe Ø 50 mm - Ø 25 mm

- **Damping tape**

Can be used laterally  
or under the tan

- Cable tie for the adaptor



## Pump technical data

- Max flow.....370 l/h
- Max head.....4,6 m
- Voltage.....230V - 50Hz
- Absorption max.....0,75 mA
- Alarm contacts.....NA NC 5A Resistive 250V
- Weight.....3,0 Kg
- Tank volume.....0,8 lt
- Protection class..... IP20
- Condensate max condense..... 60°C
- Condensate PH.....>2,8
- Power cable, Schuko plug and alarm.....2 m
- Non return valve included..... Ø 8 mm
- Screws, bolts, nuts.....Stainless Steel 304
- Certification..... CE
- RoHS 2 compliant .....Approved

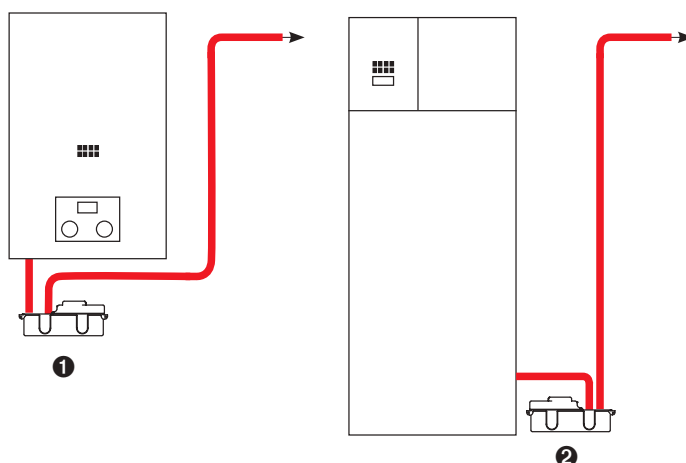
### INSTRUCTIONS



## Example of installation

### 1 -2

wall-mounted or floor  
tanding boilers



# Design & quality of work

## **NEOTECH**

### **The acid condensate treatment product line**

For many years, our company has been designing, manufacturing and selling acid condensate treatment products dedicated to both the domestic and industrial sectors.

- **easy to install**
- **silent**
- **versatile and flexible**

# Chemical condensate treatment





Treatment



Heating

SAFETY  
DATA SHEET



# NTH123

## ZERO discharge

Combined cleaning action with permanent protection from corrosion and scaling for domestic thermal systems

Code	Article	Description	Price €
SP04050123	NTH123	Zero discharge cleaning and protective product 1 liter package	54,40

### Description

Multifunctional non-acid pH product for controlling scale and corrosive phenomena in boilers and thermal systems. NTH123 is ready-to-use and easy to introduce into the system and does not require draining or rinsing. Due to its high concentration, it allows 1 liter of product to be dosed to 200-liter circuits.

## Characteristics of use

- Formula with blend of special inhibitors provides defanging action in recent installations and total protection on all metal materials, including aluminum
- Especially suitable for protecting high-value components and heat exchangers from scale deposits
- Complex organic salt base and pH stabilizers in the formulation prevent corrosive phenomena within the most delicate components
- Optimizes system efficiency by enabling fuel savings of up to 20%
- Prevents the formation of Hydrogen Gas by reducing CO<sub>2</sub> emission and lowering environmental impact
- Suitable for any type of water, both hard and soft
- Suitable for any type of thermal system



1 liter treats a domestic system up to **200** L



Easy and safe dosing



Suitable for high and low temperature thermal systems

## Application and Dosage

NTH123 is a no-discharge combination treatment to be used for the cleaning and prevention of corrosion, fouling, noise and hydrogen gas formation in all types of heating systems, including aluminum heating systems. The chemical formulation is non-toxic and biodegradable.

One liter of NTH123 is sufficient to treat a medium to large system of up to 200 liters of water (16-20 radiators). An overdose of the NTH123 product does not generate any problems for the system. For even more effective action, systems must first be cleaned according to UNI-CTI 8065/2019 with NTH348.

NTH123 can be introduced directly into the full system via loading devices, through radiator vent valve, via metering pump, or directly into the system's expansion tank.

## Physical Properties

Appearance: clear amber liquid

Specific gravity: 1.12 +/- 0.02 g/ml (20° C)

pH: 7.4 +/- 0.5

Solubility in water: complete



Treatment



Heating

SAFETY  
DATA SHEET



# NTH348

Ultra-strong, fast-acting cleaner and sanitizer suitable for all civil thermal systems

Code	Article	Description	Price €
SP04050348	NTH348	Cleaning and restorative product 1 liter package	47,90

## Description

Descaling, nonacidic pH product with strong dispersing and restorative action, for thorough cleaning of medium and highly compromised systems. It rapidly removes metal oxide-based sludge and corrosion residues and deposits, restoring circulation in radiators and pipes of any thermal system. NTH348 is ready-to-use and easy to introduce into the system. Due to its high concentration, it allows 1 liter of product to be dosed into circuits from 100 to 500 liters depending on the degree of deterioration of the system. It can be used on all metallic materials in the system, including aluminum, without risk of corrosion.

## Characteristics of use

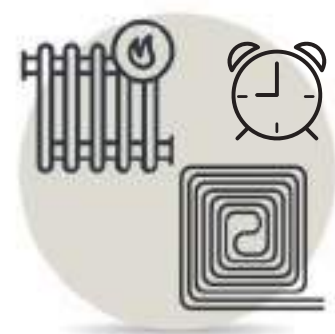
- Its special formula reduces circulation time to a minimum, shortening the duration of washing
- Easy to use, the product remains active and effective for up to 3-4 weeks
- Removes iron and lime deposits, restoring the efficiency of the heating system
- Especially suitable for solving the problem of cold radiators
- Complex organic salts base and pH stabilizers in the formulation prevent corrosive phenomena of the most delicate components
- Optimizes system efficiency by allowing fuel savings of up to 20%
- Suitable for any type of water, both hard and soft
- Suitable for any type of thermal system



1 liter treats a domestic system up to **500 L**



Easy and safe dosing



Allow at least 1 hour in the circuit. Suitable for high and low temperature thermal systems

## Application and Dosage

NTH348 is a fast and powerful cleaning agent. When left circulating in the system, it removes stubborn iron oxide-based deposits from heat exchangers. The chemical formulation is nontoxic and biodegradable. Its neutral pH also allows its use on all metals, including aluminum. One liter of NTH348 is sufficient to treat a medium to large plant from 100 liters (very old plants) to 500 liters (recent plants) of water. Overdosing the plant does not generate any problems for the plant. For even more effective action clean the system according to UNI-CTI 8065/2019 with NTH348 by having it followed by NTH1 inhibitor. NTH348 can be introduced directly into the full system via loading devices, through radiator vent valve, by flushing pump or directly into the system expansion tank.

## Physical Properties

Appearance: brown liquid

Specific weight: 1.11 +/- 0.05 g/ml (20°C)

pH: 7.0 +/- 1.0

Solubility in water: complete

Dosage directions for 1 liter of NTH348	
THERMAL PLANT CHARACTERISTICS	PLANT DIMENSIONS
Recent and uncompromised installations	up to 500 L
Older and moderately compromised installations	up to 300 L
Recent and uncompromised installations	up to 100 L



Treatment



Heating

SAFETY  
DATA SHEET



# NTH1

Permanent anticorrosive and anti-corrosion protection  
for thermal systems for civil use

Code	Article	Description	Price €
SP04050001	NTH1	Product inhibitor 1 liter package	51,00

## Description

Multifunctional non-acidic pH product for controlling corrosive phenomena and scaling in boilers and thermal systems. NTH1 is ready-to-use and easy to introduce into the system. Due to its high concentration, it allows 1 liter of product to be dosed to 200-liter circuits.

## Characteristics of use

- Formula with mixture of special inhibitors provides total protection on all
- metallic materials, including aluminum
- Especially suitable for protecting high-value components and heat exchangers from scale deposits
- The base of complex organic salts and pH stabilizers in the formulation
- Prevent corrosive phenomena within the most delicate components
- Optimizes system efficiency by enabling fuel savings of up to 20%
- Prevents the formation of Hydrogen Gas by reducing CO<sub>2</sub> emission and lowering environmental impact
- Suitable for any type of water, both hard and soft
- Suitable for any type of thermal system



1 liter treats a domestic system up to **200** L



Leave in the plant water  
NO drainage



Suitable for high and low temperature thermal systems

## Application and Dosage

NTH1 is a multipurpose treatment to be used for the prevention of corrosion, scaling, noise and hydrogen gas formation in all types of heating systems, including aluminum heating systems. The chemical formulation is nontoxic and biodegradable.

One liter of NTH1 is sufficient to treat a medium to large system of up to 200 liters of water (16-20 radiators). An overdose of the NTH1 product does not generate any problems for the system. For even more effective action, systems must first be cleaned according to UNI-CTI 8065/2019 with NTH348.

NTH1 can be introduced directly into the full system via loading devices, through radiator vent valve, by flushing pump, or directly into the system's expansion tank.

## Physical Properties

Appearance: clear amber liquid

Specific gravity: 1.12 +/- 0.02 g/ml (20° C)

pH: 7.4 +/- 0.5

Solubility in water: complete



Treatment



Heating

SAFETY  
DATA SHEET



# NTH7

## ZERO discharge

Sanitizer for low-temperature thermal systems

Code	Article	Description	Price €
SP04050007	NTH7	Sanitizing product 1 liter package	46,50

### Description

Sanitizing and anti-algae product, prevents biological contamination in low-temperature heating systems (below 60°C).

NTH7 protects subfloor heating systems from contamination due to bacteria and fungi.

NTH7 is effective specifically in controlling the microbiological growth of a broad spectrum of microorganisms normally found in the water of low-temperature heating systems. NTH7 penetrates into biological masses, facilitating removal from internal pipe surfaces, exerting an effective and long-lasting biocidal action.

## Characteristics of use

- Broad-spectrum biocide, specific against anaerobic bacteria
- Strong dispersing and biomass removal action
- Low toxicity
- Keeps heat exchange surfaces clean
- Prevents clogging, corrosion due to organic agents
- Prevents odors in radiant floor systems
- Easy-to-use liquid



1 liter treats a domestic system up to **200**



Leave in the plant water  
NO drainage



Suitable for underfloor heating systems

## Application and Dosage

NTH7 is a sanitizing agent. When left to circulate in the system, it protects against corrosion from the biological sludge present. NTH7 is dosed at 0.5-1% calculated on the volume of water in the circuit. However, the expected dosage varies depending on the severity of the biological pollution phenomenon. NTH7 is a sanitizing product to be left inside the heating system and does not require draining.

## Physical Properties

Appearance: colorless liquid  
Density: 1.00 g/cm<sup>3</sup> (20°C)  
pH: about 2.0  
Solubility in water: complete  
Freezing point: < 0°C



Treatment



Heating



# KOMBI123

**ZERO** discharge

Protective set for heating systems without drainage

Combined cleaning action with permanent protection from corrosion and scaling for thermal systems combined with the filtration with the CLEANY defangator

Code	Article	Description	Price €
SP0405K123	KOMBI123	Protective set for heating systems without drainage	138,00

## Description

Multifunctional non-acidic pH product for scale control. By performing periodic cleaning of the CLEANY magnetic filter, the heating system will be clean within a few weeks, without the use of external pumps and without the requirement to flush the system. This cleaning and protection system can be applied to all types of systems, both with wall boilers or heat pumps. Installation consists of applying the CLEANY defangator with combined NTH123 product.

A multifunctional product with non-acidic pH for controlling scale and corrosive phenomena in boilers and thermal systems. NTH123 is ready-to-use and easy to introduce into the system and does not require draining or rinsing. Due to its high concentration, it allows 1 liter of product to be dosed up to 200-liter circuits.

## Characteristics of use

- Suitable for any type of thermal system
- Suitable for any type of water, hard and soft
- Prevents the formation of hydrogen gas
- Optimizes the efficiency of the system
- Suitable for protecting against lime deposits
- Total protection on all metallic materials, including aluminum

**UNI 8065**  
**MANDATORY**  
**TREATMENTS**

## Physical Properties

Appearance: clear amber liquid

Specific gravity: 1.12 +/- 0.02 g/ml (20° C)

pH: 7.4 +/- 0.5

Solubility in water: complete

SAFETY  
DATA SHEET



1 liter treats a domestic system up to **200 L**



Leave in the plant water  
NO drainage



Suitable for high and low temperature thermal systems

## Application and Dosage

NTH123 is a no-discharge combination treatment for use in the cleaning and prevention of corrosion, scale, noise and hydrogen gas formation in all types of heating systems, including aluminum heating systems. The chemical formulation is non-toxic and biodegradable.

One liter of NTH123 is sufficient to treat a medium to large system of up to 200 liters of water (16-20 radiators). An overdose of the NTH123 product does not generate any problems for the system. For even more effective action, systems must first be cleaned according to UNI-CTI 8065/2019 with NTH348.

NTH123 can be introduced directly into the full system via loading devices, through radiator vent valve, via metering pump, or directly into the system's expansion tank.



Treatment



Heating



# PH7-13

Acid condensate neutralizer

up to **350 kW**



**Min. receptive column 130 mm**



**35 l/h**

Code	Article	Description	Price €
SP0409PH701	PH7-13	Acid condensate neutralizer	363,00
SPN0409013	NEUTRALKIT13	Granular Neutralkit	136,00

## Description

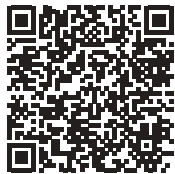
A good practice is to neutralize the acid condensate coming from the boilers. This condensate flows through neutralization granulate inside the neutralization box which has two functions: first, the absorption of nitrates and sulphates; second, rising the PH. The condensate acidity could be checked with a litmus paper to determine the PH (available as accessory), or with appropriate PH test.

# Into the box

- **Neutralizer**  
mm 320 x 200 x H 240
- **Neutralkit**  
neutralizer refill 10 Kg



NEUTRALIZING  
PRODUCT  
DATA SHEET



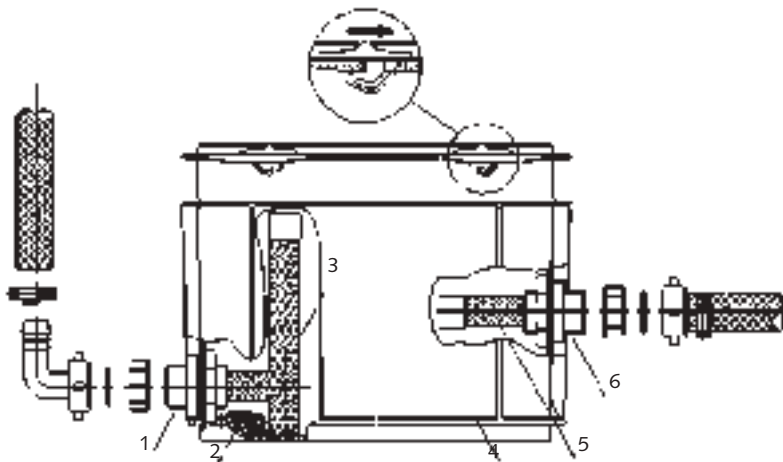
## INSTRUCTIONS



## Technical data

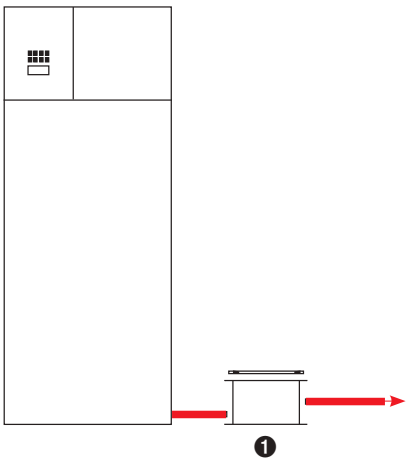
- Max generator power.....350 kW
- Max flow.....35 l/h
- Minimum inlet head.....130 mm
- Voltage power.....no
- Inlet and outlet connection.....1" M
- Dimensions cm.....32x20x24
- Mineral load.....10 Kg
- Long-life at max flow.....4450 h

Ref.	Description
1	Inlet connection 1" G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
5	Outlet filter with cap
6	Outlet connection 1" G



## Example of installation

- 1 - wall-mounted or floor standing boilers





Treatment



Heating



# PH7-25

Acid condensate neutralizer

up to **800 kW**



**Min. receptive column 130 mm**



**45 l/h**

Code	Article	Description	Price €
SP0409PH704	PH7-25	Acid condensate neutralizer	405,00
SPN0409015	NEUTRALKIT15	Granular Neutralkit	163,00

## Description

A good practice is to neutralize the acid condensate coming from the boilers. This condensate flows through neutralization granulate inside the neutralization box which has two functions: first, the absorption of nitrates and sulphates; second, rising the PH. The condensate acidity could be checked with a litmus paper to determine the PH (available as accessory), or with appropriate PH test.

# Into the box

- **Neutralizer**  
mm 420 x 300 x H 150
- **Neutralkit**  
neutralizer refill 15 Kg



NEUTRALIZING  
PRODUCT  
DATA SHEET

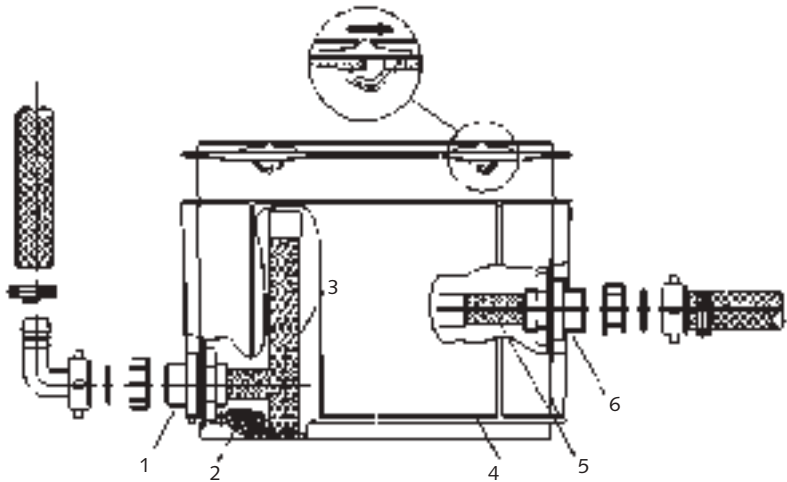
## INSTRUCTIONS



## Technical data

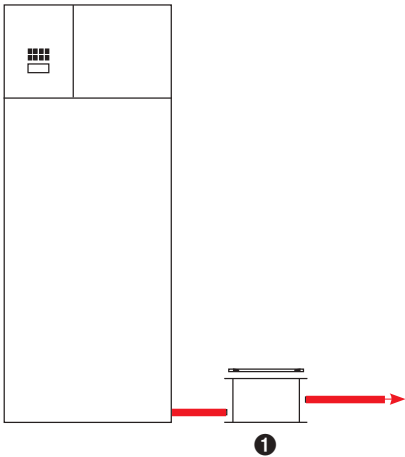
- Max generator power.....800 kW
- Max flow.....45 l/h
- Minimum inlet head.....130 mm
- Voltage power.....no
- Inlet and outlet connection.....1" M
- Dimensions cm.....42x30x15
- Mineral load.....15 Kg
- Long-life at max flow.....4450 h

Ref.	Description
1	Inlet connection 1"G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
5	Outlet filter with cap
6	Outlet connection 1"G



## Example of installation

- 1 - wall-mounted or floor standing boilers





Treatment



Heating



# PH7-30

Acid condensate neutralizer

up to **1500 kW**



**Min. receptive column 170 mm**



**150 l/h**

Code	Article	Description	Price €
SP0409PH702	PH7-30	Acid condensate neutralizer	460,00
SPN0409026	NEUTRALKIT26	Granular Neutralkit	220,00

## Description

A good practice is to neutralize the acid condensate coming from the boilers. This condensate flows through neutralization granulate inside the neutralization box which has two functions: first, the absorption of nitrates and sulphates; second, rising the PH. The condensate acidity could be checked with a litmus paper to determine the PH (available as accessory), or with appropriate PH test.

# Into the box

- **Neutralizer**  
mm 420 x 300 x H 150
- **Neutralkit**  
bag neutralizer refill 25 Kg



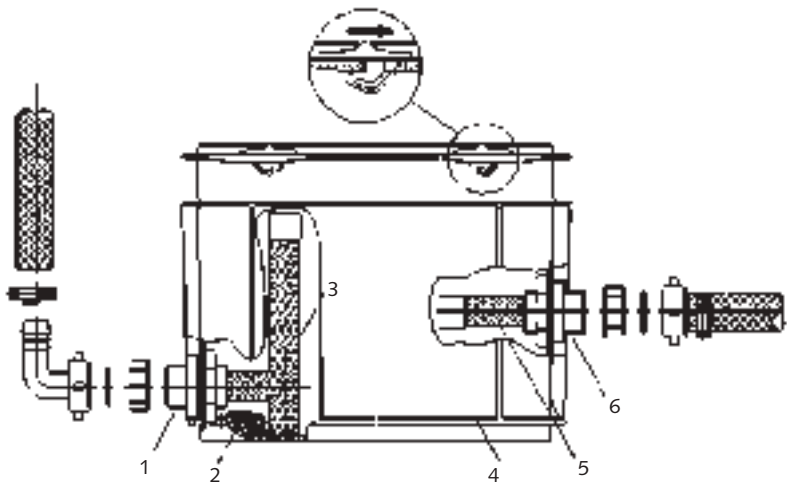
## INSTRUCTIONS



## Technical data

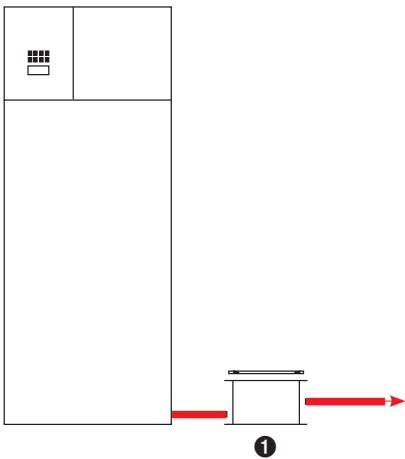
- Max generator power.....1500 kW
- Max flow.....150 l/h
- Minimum inlet head.....170 mm
- Voltage power.....no
- Inlet and outlet connection.....1" M
- Dimensions cm.....42x30x15
- Mineral load.....25 Kg
- Long-life at max flow.....1800 h

Ref.	Description
1	Inlet connection 1" G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
5	Outlet filter with cap
6	Outlet connection 1" G



## Example of installation

- 1 - wall-mounted or floor standing boilers





Treatment



Heating



# PH7-63

Acid condensate neutralizer

up to **3000 kW**



**Min. receptive column 210 mm**



**300 l/h**

Code	Article	Description	Price €
SP0409PH703	PH7-63	Acid condensate neutralizer	846,00
SPN0409063	NEUTRALKIT63	Granular Neutralkit	559,00

## Description

A good practice is to neutralize the acid condensate coming from the boilers. This condensate flows through neutralization granulate inside the neutralization box which has two functions: first, the absorption of nitrates and sulphates; second, rising the PH. The condensate acidity could be checked with a litmus paper to determine the PH (available as accessory), or with appropriate PH test.

# Into the box

- **Neutralizer**  
mm 420 x 300 x H 150
- **Neutralkit**  
2 neutralizer refill bags  
25 kg each



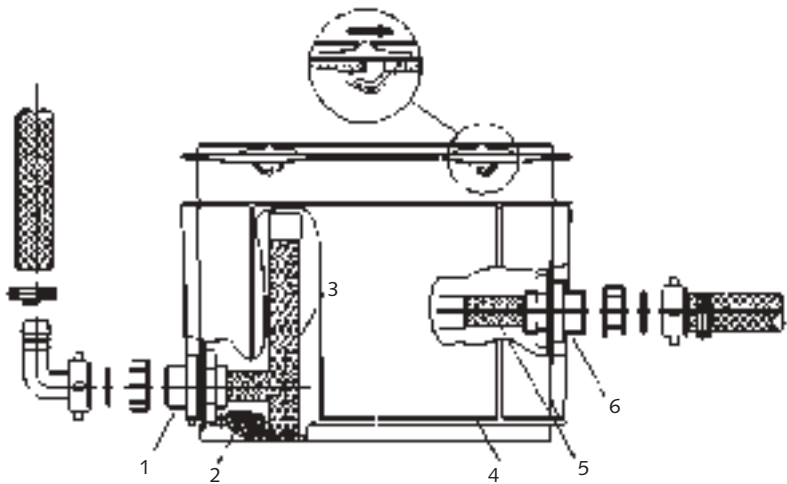
## INSTRUCTIONS



## Technical data

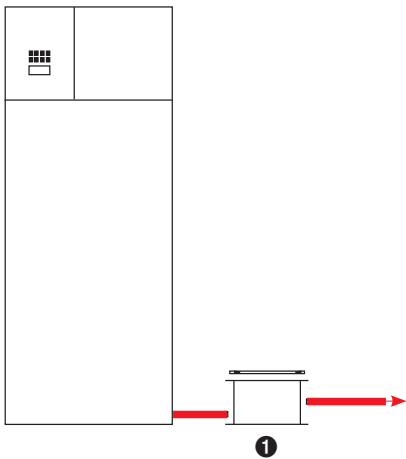
- Max generator power.....3000 kW
- Max flow.....300 l/h
- Minimum inlet head.....210 mm
- Voltage power.....no
- Inlet and outlet connection.....1 "¼ M
- Dimensions cm.....64x40x24
- Mineral load.....50 Kg
- Long-life at max flow.....1100 h

Ref.	Description
1	Inlet connection 1"¼ G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
5	Outlet filter with cap
6	Outlet connection 1"¼ G



## Example of installation

- 1 - wall-mounted or floor standing boilers





Treatment



Heating



# NTH 3000PH30 up to 1200 kW

Acid condensate neutralizer with submerged pump



**Min. receptive  
column 210 mm**



**3,2 mt**



**120 l/h**

Code	Article	Description	Price €
SP040PH3000	NTH 3000-PH30	Neutralizer station with pump	1.052,00
SPN0409013	NEUTRALKIT13	Granular Neutralkit	136,00

## Description

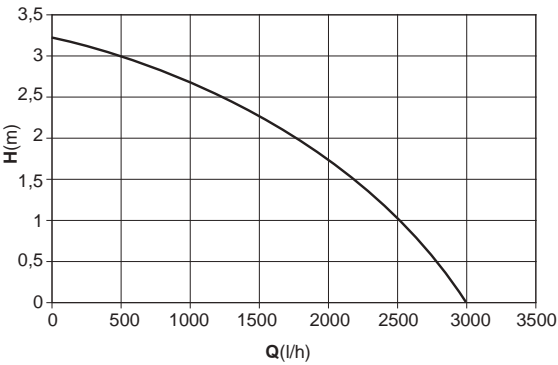
The neutralizer station of acid condensate with the pump is easy to be installed and allows the evacuation of condensate when it is not possible to discharge by gravity. The strong structure of the tank and the pump NTH3000 make this product reliable. The recharge and the maintenance are easy and fast.



A control unit activates the pump through probes. An external system signals the station status and through this system allows manual tests on the working pump.

# Into the box

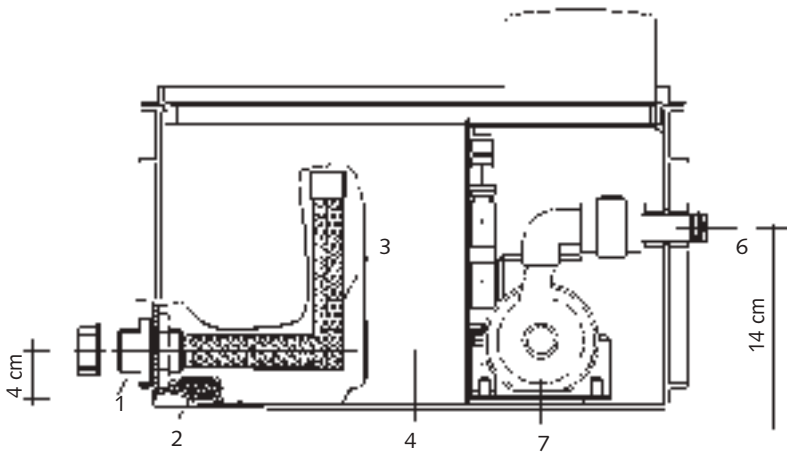
- **Neutralizer**  
mm 480 x 300 x H 320  
wired with electric cable  
power supply 1,5 m Schuko
- **Neutralkit**  
neutralizer refill 13 Kg



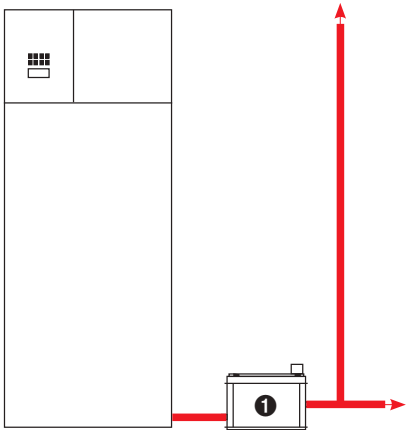
Rif.	Description
1	Inlet connection 1"G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
6	Outlet connection 1/2" G
7	Submerged pump

## Technical data

- Max generator power.....1200 kW
- Max flow.....120 l/h
- Minimum inlet head.....210 mm
- Voltage.....220V-50Hz
- Absorption .....50 W
- Inlet connection.....1" M
- Outlet connection.....1/2" F
- Dimensions cm.....48x30x32
- Mineral load.....13 Kg
- Long-life at max flow.....1100 h



The neutralizer station must be installed close to the boiler, and in a horizontal position. The input pipe to the station must reflect the technical parameters recommended by our technical office.





Treatment



Heating



up to **1200 kW**

# NTH 3000PH37

Acid condensate neutralizer with submerged pump



**Min. receptive  
column 210 mm**



**7 mt**



**120 l/h**

Code	Article	Description	Price €
SP040PH3007	NTH 3000-PH37	Neutralizer station with pump	1.271,00
SPN0409013	NEUTRALKIT13	Granular Neutralkit	136,00

## Description

The neutralizer station of acid condensate with the pump is easy to be installed and allows the evacuation of condensate when it is not possible to discharge by gravity. The strong structure of the tank and the pump NTH3000 make this product reliable. The recharge and the maintenance are easy and fast.



A control unit activates the pump through probes. An external system signals the station status and through this system allows manual tests on the working pump.

# Into the box

## • Neutralizer

mm 480 x 300 x H 320  
wired with electric cable  
power supply 1,5 m Schuko

## • Neutralkit

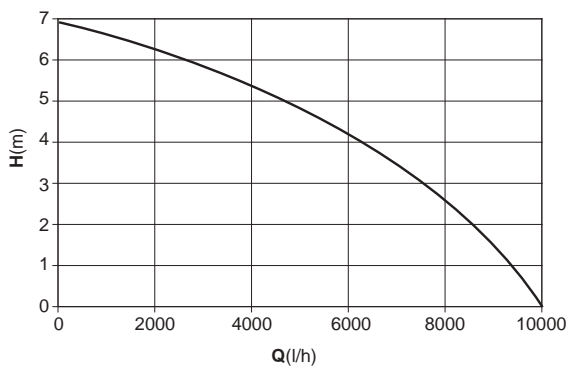
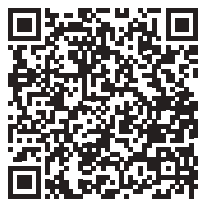
neutralizer refill 13 Kg



NEUTRALIZING  
PRODUCT  
DATA SHEET



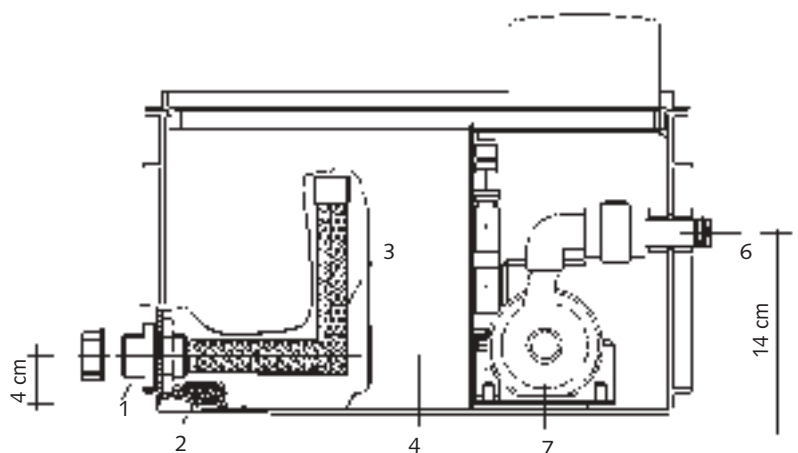
## INSTRUCTIONS



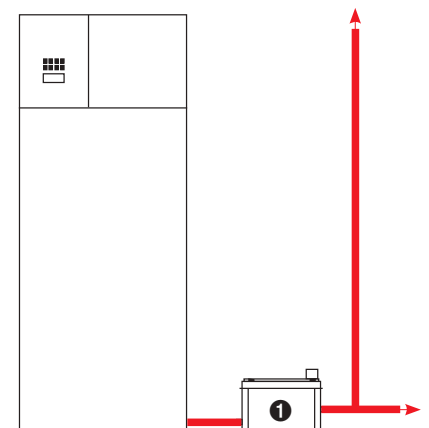
Rif.	Description
1	Inlet connection 1"G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
6	Outlet connection 1/2"G
7	Submerged pump

## Technical data

- Max generator power.....1200 kW
- Max flow.....120 l/h
- Minimum inlet head.....210 mm
- Voltage.....220V-50Hz
- Absorption .....50 W
- Inlet connection.....1" M
- Outlet connection.....1/2" F
- Dimensions cm.....48x30x32
- Mineral load.....13 Kg
- Long-life at max flow.....1100 h



The neutralizer station must be installed close to the boiler, and in a horizontal position. The input pipe to the station must reflect the technical parameters recommended by our technical office.





Treatment



Heating



up to **2600 kW**

# NTH 3000PH63

Acid condensate neutralizer with submerged pump



**Min. receptive  
column 210 mm**



**3,2 mt**



**260 l/h**

Code	Article	Description	Price €
SP040PH3001	NTH 3000-PH63	Neutralizer station with pump	1.345,00
SPN0409063	NEUTRALKIT63	Granular Neutralkit	559,00



## Description

The neutralizer station of acid condensate with the pump is easy to be installed and allows the evacuation of condensate when it is not possible to discharge by gravity. The strong structure of the tank and the pump NTH3000 make this product reliable. The recharge and the maintenance are easy and fast.

A control unit activates the pump through probes. An external system signals the station status and through this system allows manual tests on the working pump.

## Into the box

### • Neutralizer

mm 640 x 400 x H 320  
wired with electric cable  
power supply 1,5 m Schuko

### • Neutralkit

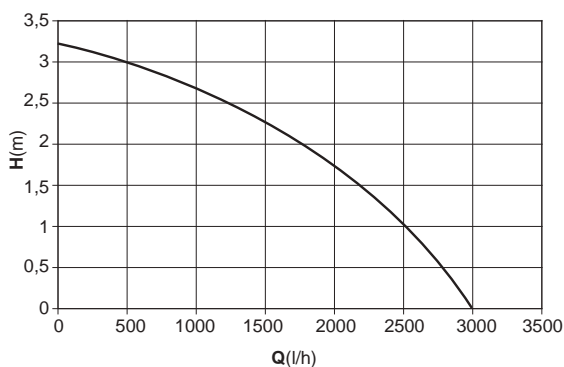
2 neutralizer refill bags  
25 kg each



NEUTRALIZING  
PRODUCT  
DATA SHEET



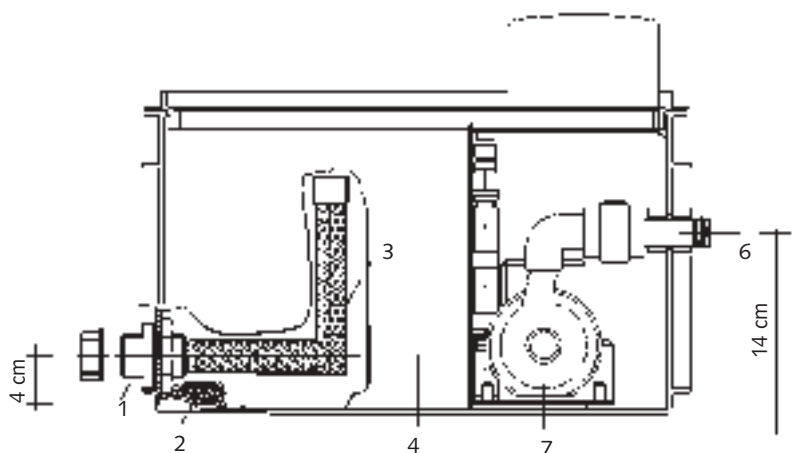
### INSTRUCTIONS



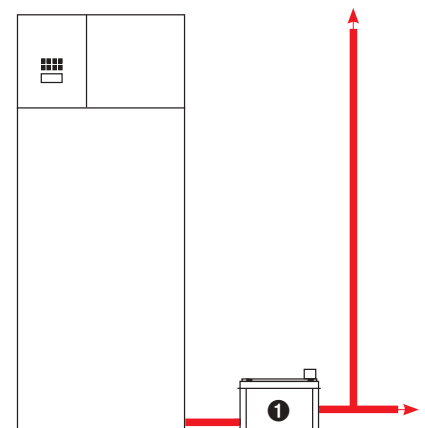
Rif.	Description
1	Inlet connection G 1" ¼
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
6	Outlet connection G ½"
7	Submerged pump

## Technical data

- Max generator power.....2600 kW
- Max flow.....260 l/h
- Minimum inlet head.....210 mm
- Voltage.....220V-50Hz
- Absorption .....50 W
- Inlet connection.....1"¼ M
- Outlet connection.....1/2" F
- Dimensions cm.....64x40x32
- Mineral load.....50 Kg
- Long-life at max flow.....1100 h



The neutralizer station must be installed close to the boiler, and in a horizontal position. The input pipe to the station must reflect the technical parameters recommended by our technical office.





Treatment



Heating



up to **2600 kW**

# NTH 3000PH67

Acid condensate neutralizer with submerged pump



**Min. receptive  
column 210 mm**



**7 mt**



**260 l/h**

Code	Article	Description	Price €
SP040PH3017	NTH 3000-PH67	Neutralizer station with pump	1.564,00
SPN0409063	NEUTRALKIT63	Granular Neutralkit	559,00

## Description

The neutralizer station of acid condensate with the pump is easy to be installed and allows the evacuation of condensate when it is not possible to discharge by gravity. The strong structure of the tank and the pump NTH3000 make this product reliable. The recharge and the maintenance are easy and fast.



A control unit activates the pump through probes. An external system signals the station status and through this system allows manual tests on the working pump.

## Into the box

### • Neutralizer

mm 640 x 400 x H 320  
wired with electric cable  
power supply 1,5 m Schuko

### • Neutralkit

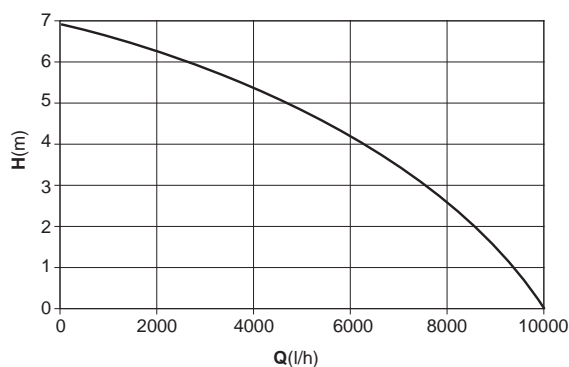
2 neutralizer refill bags  
25 kg each



NEUTRALIZING  
PRODUCT  
DATA SHEET



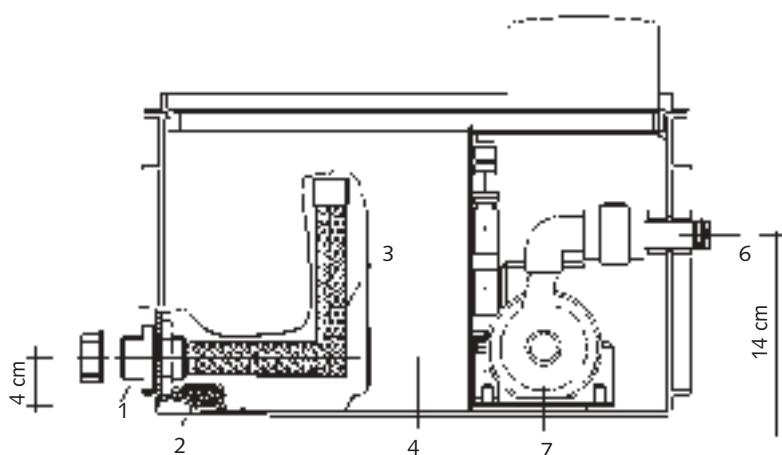
### INSTRUCTIONS



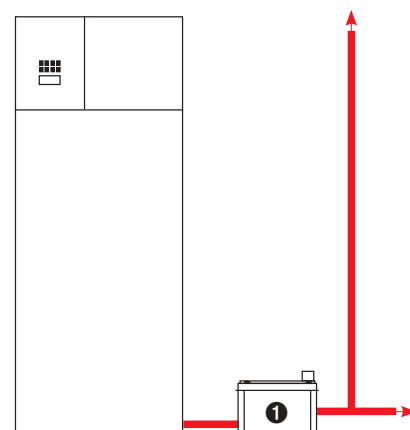
Rif.	Description
1	Inlet connection 1" ¼ G
2	Neutralizer granular refill Neutralkit
3	Inlet filter T Shape
4	Neutralizer box
6	Outlet connection ½" G
7	Submerged pump

## Technical data

- Max generator power.....2600 kW
- Max flow.....260 l/h
- Minimum inlet head.....210 mm
- Voltage.....220V-50Hz
- Absorption .....50 W
- Inlet connection.....1"¼ M
- Outlet connection.....1/2" F
- Dimensions cm.....64x40x32
- Mineral load.....50 Kg
- Long-life at max flow.....1100 h



The neutralizer station must be installed close to the boiler, and in a horizontal position. The input pipe to the station must reflect the technical parameters recommended by our technical office.





Treatment



Heating



up to **28 kW**

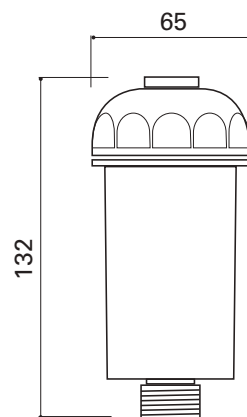
# PH MINUS

Acid condensate neutralizer



**3 l/h**

Accessories supplied Ø 20 mm



Code	Article	Description	Price €
SP0409PHMINUS	PH-MINUS	Acid condensate neutralizer	56,00
SPN0409004	NEUTRALKIT04	Granular Neutralkit	11,00

## Description

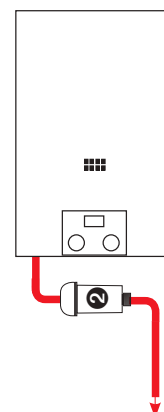
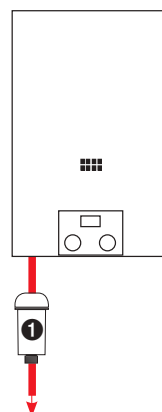
Acid condensate neutralizer for wall-mounted boilers

- EASY INSTALLATION
- SPACE SAVING
- FOR WALL MOUNTED BOILERS AND THERMAL GROUPS

## Technical data

- Max generator power 28kw
- Max flow 3 l/h
- Min. inlet head 18 cm
- Time capacity 8/12 months
- Granular Neutralkit
- Inlet and hose connectors Ø 20 mm

- 1** - vertical installation  
**2** - horizontal installation





Treatment



Heating



up to **70 kW**

# PH MAXI

Acid condensate neutralizer



**6 l/h**

Code	Article	Description	Price €
SP0409PH86	PH-MAXI	Acid condensate neutralizer	87,00
SPN0409009	NEUTRALKIT09	Granular Neutralkit	35,00

## Accessories supplied



Neutralizer granular refill  
Neutralkit



Fixing bracket for  
wall-mounting

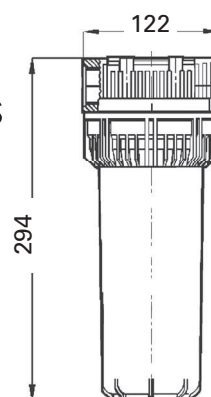
## Description

Acid condensate neutralizer for wall-mounted boilers

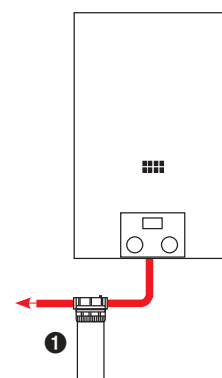
- EASY INSTALLATION
- SPACE SAVING
- FOR WALL MOUNTED BOILERS AND THERMAL GROUPS

## Technical data

- Max generator power 70kw
- Max flow 6 l/h
- Min. inlet head 18 cm
- Time capacity 8/12 months
- Granular Neutralkit
- Inlet and outlet connection Ø 3/4"



**1 - vertical**  
installation





Treatment



Heating



# THREEWARM 300

Boiler kit



3 l/h

Code	Article	Description	Price €
SP04090030	THREEWARM300	Boiler protection kit	189,00

## DOSY-PHOS-1

### Polyphosphate dosing unit

- Connection 1/2" F
- Maximum pressure: 6 bar
- Maximum temperature 25°
- Dosing 2/4 p.p.m/mc
- 1 Charging cartridge included

## CLEANY

### Magnetic filter defangator

- Connection 3/4" M
- Compatible fluids: water, water + glycol
- Working pressure: 6 bar
- Temperature: 4÷90°
- Filtration: 800 micron
- Filter with n°3, G 3/4" threaded holes

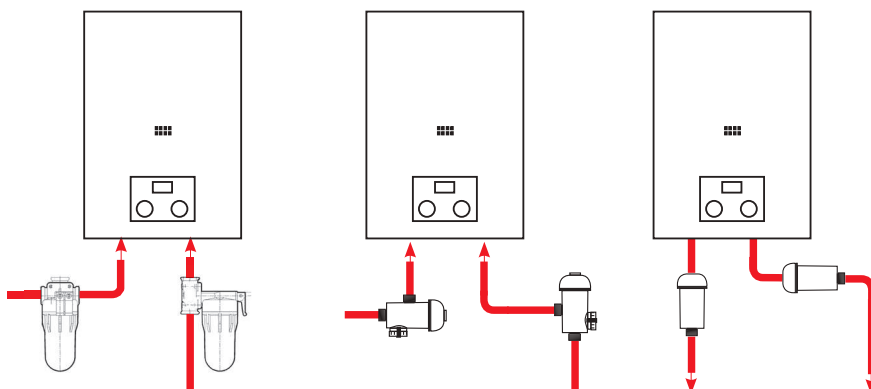
## PH-MINUS

### Acid condensate neutralizer

- Connection 20 mm
- Maximum Temperature: 55°
- Min. Temperature: 4°
- Max flow 3 l/h
- 1 refill cartridge

## Example of installation

The devices can be installed either horizontally or vertically, or according to water flow such as the DOSY PHOS dosing unit.





Treatment



Heating



up to **28 kW**

# CLEANY

Magnetic filter defangator



**6 Bar**

Code	Article	Description	Price €
SP04093102	CLEANY	Magnetic filter defangator	91,00

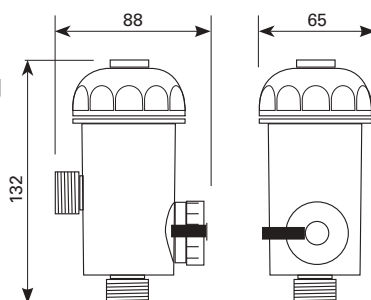
Cleany is a magnetic filter defangator, to be installed in order to intercept and retain any small amount of magnetite and other impurities (e.g. sand and rust) contained in the water and into the heating system circuit. In case of ferrous substances, the suspended impurities are captured by the magnet, or, in the case of others (non-ferrous) substances, by a stainless steel filter.

## Materials

- "Ne FeB 14100 Gauss" magnet
- High performance polymer head and housing
- O-ring in silicone
- Ball valve fittings in brass
- 316 stainless steel internal filter

## Technical data

- Filtration size 800  $\mu$
- Filter with 3 holes G 3/4" threaded
- Operating pressure 6 bar
- Operating temperature 4°÷ 90°C



## Accessories supplied



Valve



Swivel coupling



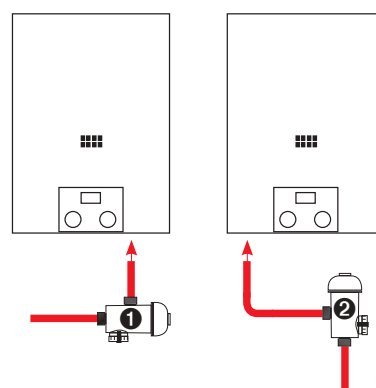
Key



Gaskets kit

## Example of installation

- 1 - vertical installation
- 2 - horizontal installation





Treatment



Heating



up to **50 kW**

# DOSY PHOS 1

Chrome-plated brass proportional polyphosphate feeder



**6 Bar**



**1,5 m<sup>3</sup>/h**

## Accessories supplied



Cartridge 50 g

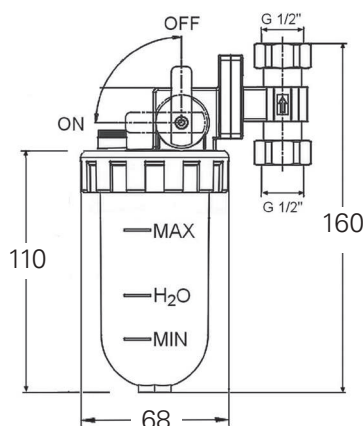
Code	Article	Description	Price €
SP0409PHOS1	DOSYPHOS-1	Polyphosphate salt feeder	72,00
NCPC00015.2	SPARE PART	Spare cartridges of 50 g (pack of 6 blisters)	39,00

Polyphosphate salt feeder,  
in powder for boilers, brass angle with by-pass:

- COMPLETE WITH SPARE CARTRIDGE OF 50 g
- EASY INSTALLATION
- SMALL SIZE

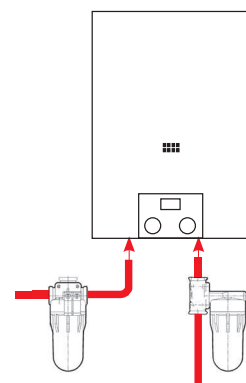
## Technical data

- Connection 1/2" F
- Max pressure 8 bar
- Max temperature 45°C
- Max flow rate 1,5 m<sup>3</sup>/h
- Operating temperature 4° ÷ 90°C
- Refill weight 50 g



## Example of installation

Possibility of installing the device  
either horizontally or vertically, or  
according to water flow such as the  
DOSYPHOS dosing unit





Treatment



Heating



up to **50 kW**

# DOSY PHOS

Polyphosphate salt feeder in technopolymer



**6 Bar**



**1,5 m<sup>3</sup>/h**

Accessories supplied



Cartridge 50 g

Code	Article	Description	Price €
SP0409POFOS12	DOSYPHOS	Polyphosphate salt feeder	97,00
NCPC00015.2	SPARE PART	Spare cartridges of 50 g (pack of 6 blisters)	39,00

Polyphosphate feeder for boilers:

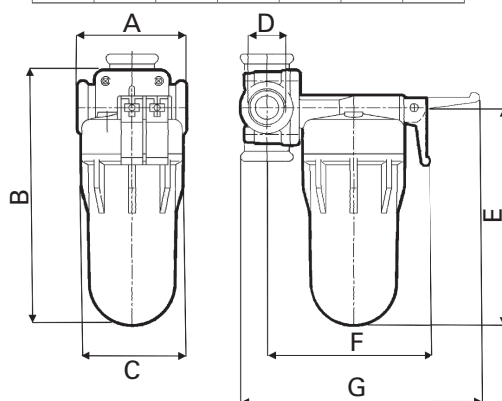
- CARTRIDGE 50 g
- EASY INSTALLATION
- SPACE SAVING

## Technical data

- Connection 1/2" F
- Max pressure 6 bar
- Burst pressure max 25 bar
- Max temperature 25° C
- Max flowrate 2m<sup>3</sup>/h
- Dosing 2 – 4 ppm/m<sup>3</sup>
- Refill weight 50 g

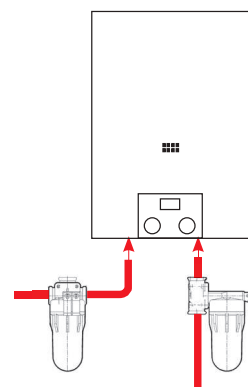
Dimensions mm

A	B	C	D	E	F	G
60	144	56	1/2" F	122,5	115	133,5



## Example of installation

Possibility of installing the device either horizontally or vertically, or according to water flow such as the DOSYPHOS dosing unit





Code	
990GP950C	
Description	
<b>Dumping rubber</b> To fix the NTH 14 / 10.1 / 7.1 pump, dumping the vibration	
Quantity	Price €
2 pc.	9,00



Code	
99PLP814C	
Description	
<b>Inlet pipe adaptor Ø 25-50</b> To ensure the inlet pipe Ø 25 / 50 mm NTH 360 / 330	
Quantity	Price €
1 pc.	4,50



Code	
SP04090142	
Description	
<b>Single tank pump</b> Cable 220 cm. <b>220 cm</b>	
Quantity	Price €
1 pc.	65,00



Code	
990GP400C	
Description	
<b>Elastic clamp</b> Fits 30 to 40mm tubing	
Quantity	Price €
1 pc.	11,00



Code	
SP04090150	
Description	
<b>Single tank pump elbow</b> Cable 220 cm. <b>30 cm</b>	
Quantity	Price €
1 pc.	60,00



Code	
99IZP600C	
Description	
<b>Double sided tape</b> To fix pump and tank NTH 14 / 10.1 / 7.1	
Quantity	Price €
Pack 10 pcs.	11,00



Code	
SP04090150M	
Description	
<b>Single pump max tank</b> Sensor cable length <b>220 cm</b>	
Quantity	Price €
1 pc.	85,00



Code	
990GP862C	
Description	
<b>Damping tape</b> It can be used laterally or under the tank NTH 360 / 330	
Quantity	Price €
Pack 2 pcs.	6,50



# ACCESSORIES

Code	
990GP116C	
Description	
<b>Ducting wall</b> Passage allowing through vertical wall	
Quantity	Price €
1 pc.	21,00



Code	
99TUB911C	
Description	
<b>Chrystal pipe int. Ø 8 mm</b>	
Quantity	Price €
200 m	2,70 / m



Code	
99PLP951C	
Description	
<b>Duct joint</b> Joint 2 ducts for an uniform look	
Quantity	Price €
1 pc.	13,00



Code	
99TUB569C	
Description	
<b>Chrystal pipe int. Ø 6 mm</b>	
Quantity	Price €
200 m	2,40 / m



Code	
990GP111C	
Description	
<b>Pass through wall</b> Passage allowing through horizontal walli	
Quantità	Prezzo €
1 pc.	14,50



Code	
99TUB600C	
Description	
<b>Rubber pipe int Ø15</b> Elastic rubber for different diameter adaptation	
Quantity	Price €
2 m	17,00 / m



Code	
990GP900C	
Description	
<b>Gasket</b> Perfect shape duct to split	
Quantity	Price €
2 m	12,00 / m



# GENERAL SALES CONDITIONS

## **PAYMENTS:**

Our invoices are payable in accordance with the methods established and accepted when ordering. Any delay or irregularity in payments as well as any irregularity in performing the contract on the part of the buyer constitute non-fulfilment with resultant default action. Any expenses are at buyer charge in case of non-payment.

## **SUPPLIES:**

Agreements or promises that are different from the standard supply conditions are not recognized unless approved in the order confirmation.

## **RETURNS:**

Goods returns are not accepted for any reason unless otherwise authorized by Steelpumps Srl through the original RMA module.

## **SHIPMENT:**

The goods are carried at the risk of the buyer even when sent carriage free. In the case of dispute, the buyer must immediately inform the carrier of the event by registered mail with a copy to us. However, once eight days have lapsed from receipt of the goods, claims are no longer permitted.

## **DELIVERY:**

Delays due to force majeure, or any other reason, do not justify the cancellation of the order, nor may any compensation requested. Partial deliveries, i.e. performed at different successive stages, are also authorized. The delivery date of the supply is never to be considered final or essential.

## **GUARANTEE:**

The general guarantee is valid for two years, starting from the date of dispatch of the material. Of course, the guarantee covers any manufacturing defect of the material that we ourselves produce. Our guarantee is limited to the replacement or repair, in our workshop and by us, of the pump or part that is identified as being faulty. In no case however the guarantee involves the possibility of requesting compensation. Breakdowns caused by errors in electrical connection, by a lack of adequate protection, by defective assembly, by incorrect action or by a lack of care during the installation are excluded from the guarantee:

The warranty is not recognized when the buyer is not up-to-date with payments.

In particular, our guarantee is void in absence of documentation proving the date of shipment and overall without the test certification given together with the pump.

Finally, material removed, repaired or tampered with by any person not expressly authorized by Steelpumps, it is excluded from our guarantee. The faulty material must be returned to our workshops carriage free and, once it is recognized that the fault comes under our responsibility, it will in turn be returned carriage free.

## **DISPUTES:**

There may be no exception to the conditions stated above unless expressed and accepted in writing. The resolution of any dispute falls within the jurisdiction of the Court of Pisa, even if the payment is agreed by means of a draft.

**Steelpumps s.r.l.**



**STEELPUMPS srl**

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