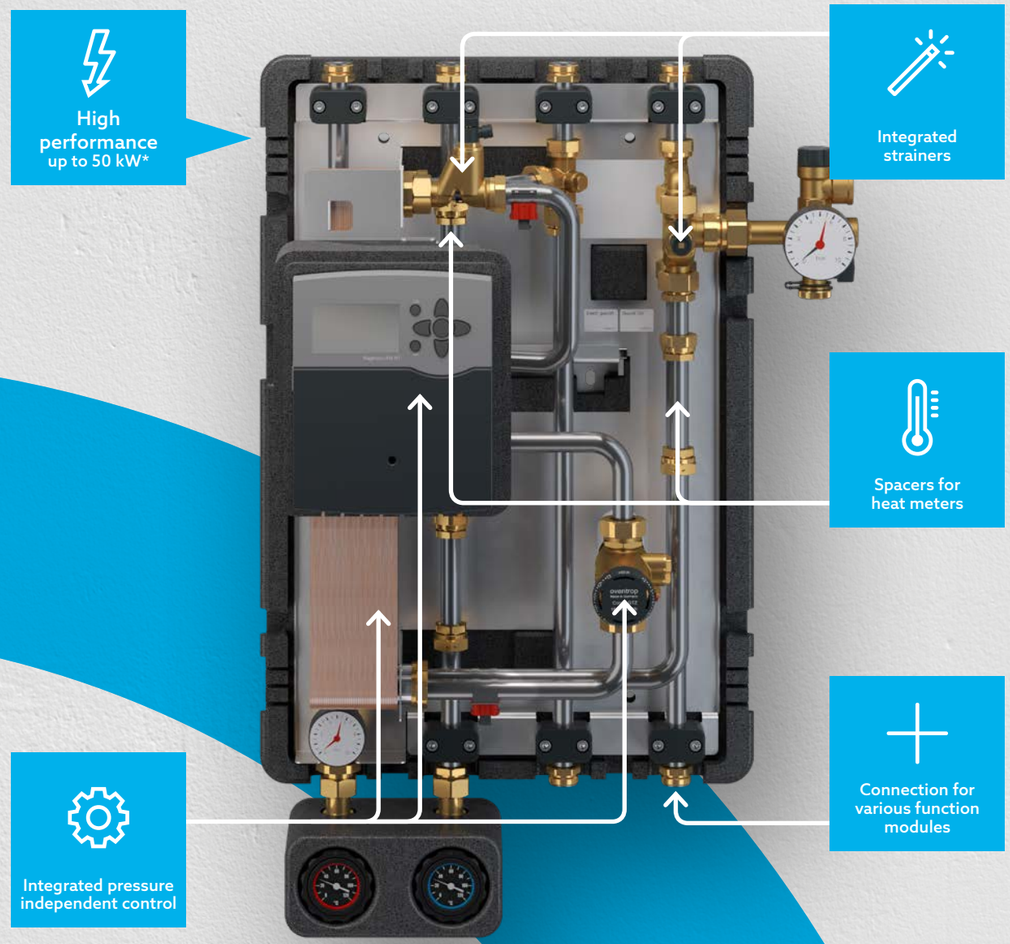
# Regudis H
# Transmission stations
Compact and efficient control.

oventrop

# All included – **in one compact station**




## YOUR ADVANTAGES

+ ***Compact*** design
+ ***Two*** performance classes
+ ***Electronic controller*** for weather-compensated control of the heating flow temperature
+ ***Return temperature limitation*** to the heat network
+ ***Function modules*** pre-assembled at the factory
+ ***Completely parametrised and tested*** on delivery

* DN 20: 20 kW with primary 80 / 55 °C, secondary 70 / 50 °C, DN 25: 50 kW with primary 80 / 55 °C, secondary 70 / 50 °C

# **Future-proof** heating network connections

## OUR TRANSMISSION STATIONS

District and also local heating networks could soon be at the heart of heat supply. ***District heating networks*** provide renewable energies to urban regions. ***Local heating networks*** are increasingly supplying districts or settlements with renewable energies or a variable mix.

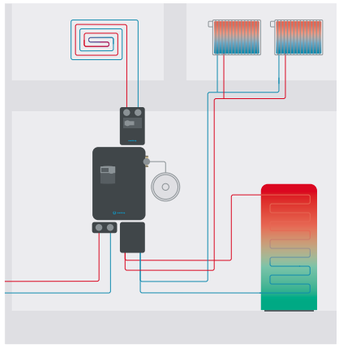
The connection to the building is done in a ***pioneering and reliable way*** with our **Regudis H** transmission stations. Via a plate heat exchanger, they transfer heat from a local or district heating network to the potable water and heating system of detached or semi-detached houses.

The compact station is available in two performance classes and various connection configurations. ***Hydronic balancing is easy:*** Integrated **Cocon Q** control valves keep the volume flow constant - independent of fluctuations in the heat network. This allows you to control everything reliably.

# Transmission station
simply compact.

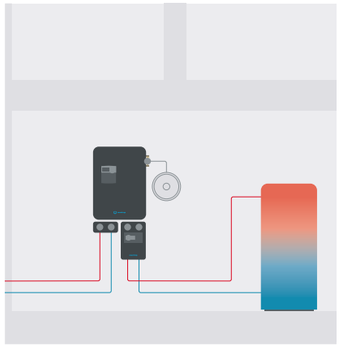
### READY-TO-INSTALL STATIONS WITH MODULES FOR DETACHED AND SEMI-DETACHED HOUSES

| Regudis | Size | Item no. |
|---|---|---|
| **Regudis H-MHT** | DN 20 | 1393027 |
| | DN 25 | 1393037 |
| **Regudis H-MT** | DN 20 | 1392027 |
| | DN 25 | 1392037 |
| **Regudis H-HT** | DN 20 | 1391027 |
| | DN 25 | 1391037 |



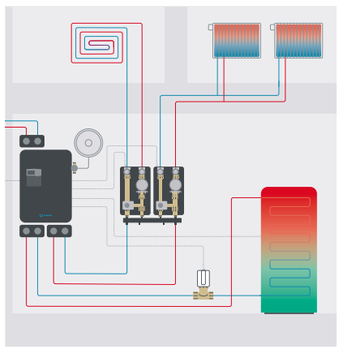
### COMPACT STATION WITH MODULE FOR BUFFER STORAGE CYLINDER LOADING

| Regudis | Size | Item no. |
|---|---|---|
| **Regudis H-H** | DN 20 | 1391021 |
| | DN 25 | 1391031 |



### STATION WITHOUT MODULES FOR OBJECT-SPECIFIC SYSTEM INSTALLATION ON SITE

| Regudis | Size | Item no. |
|---|---|---|
| **Regudis H** | DN 20 | 1391026 |
| | DN 25 | 1391036 |

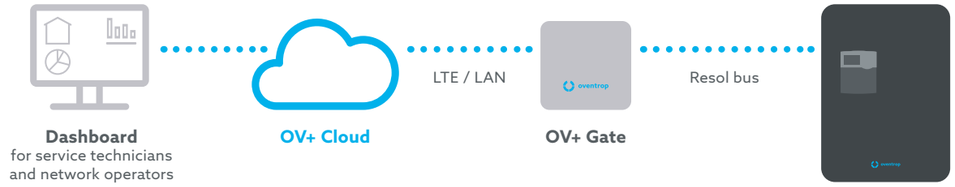




# OV+
Networking your Regudis H transmission station.

**Intelligent networking**

### TAKE YOUR REGUDIS H TO THE NEXT LEVEL
With our **OV+** products, you can extend and digitise our **Regudis H** stations on a modular basis. This makes it much easier for installation companies to ***remotely monitor the networked local and district heating systems.***
Local heating operators can even control entire heating networks efficiently. The **OV+ gates** enable the convenient reading and control of all control parameters via the **OV+ cloud**.




### YOUR ADVANTAGES

+ ***Monitoring the supply and return temperatures*** for ***optimal efficiency of the heat network*** and maximum customer comfort
+ ***Fast adjustment of the control parameters*** in the event of deviations in efficiency or comfort, e.g. by regulating the primary return temperature
+ ***Flexible operation*** thanks to various operating modes (e.g. manual) for rapid heat supply in the event of a malfunction
+ ***Early fault detection*** through temperature and status monitoring (e.g. relays, pumps)
+ ***Transparent operating parameters*** enable efficient remote monitoring and control of the entire system (e.g. automatic error reporting)
+ Optional: ***Exact billing*** through convenient reading of the heat meter

| OV+ products | | Item no. |
|---|---|---|
| **OV+ Gate**<br>for the integration of Regudis H stations in the OV+ cloud | without LTE | 1159990 |
| | with LTE | 1159991 |
| **OV+ antenna**<br>optimises the LTE mobile radio connection of the OV+ gate | with LTE | 1159997 |
| **OV+ Services**<br>cloud access to our remote monitoring services | without LTE | 9900400 |
| | with LTE | 9900401 |

# Modular accessories
for your Regudis H station.

+ **Regumat S-180 DN 25**
with pump ball valve

+ **Regumat M3-180 DN 25**
with pump ball valve

+ **Distributor**
for Regumat DN 25

+ **Regumaq X-45**
fresh water station

+ **Regtronic EM**
extension module

+ **Diaphragm expansion tank**

## LEARN MORE

Discover our pioneering solutions for local and district heating:
regudish.oventrop.com

# Partners in system competence:
Oventrop and Kring.

### PIONEERING TECHNOLOGIES FOR DISTRICT HEATING WITH OUR PARTNER KRING

***Kring*** is your specialist for customised solutions in the ***coupling of district heating networks*** in residential and commercial buildings. ***Oventrop*** is your competent partner for ***efficient heating and cooling as well as clean potable water.***

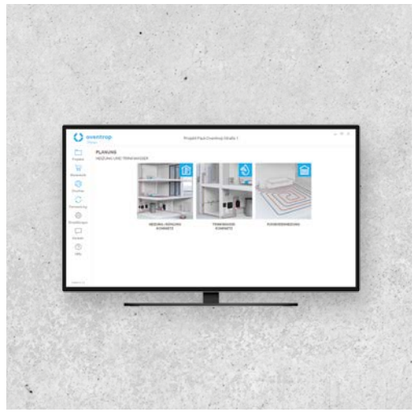
Together we are ***your professional partners*** for local and district heating systems. We offer you ***complete systems for transmission stations and fresh water stations*** in many applications. Learn more at: kring-waerme.de

# Clean design?
Supported by us.

You want to design systems with the **Regudis H** transmission station? If you want, we can do the design for you – just contact us.

### SUPPORT FOR THE DESIGN OF SYSTEMS WITH REGUDIS H

For further information and our current regional offers, please contact your local Oventrop contact person directly.



9999604_EN_2025_02
Subject to technical changes.

Room climate

Hydronics

Stations

Potable water

Oil

Smart Home,
Smart Building

Oventrop is the partner for efficient heating, cooling and clean potable water. The modular systems and services offer pioneering solutions with which all HVAC experts can work - easily and flexibly - from planning to installation, from industry to trade. As a family business, Oventrop accompanies all its partners over many years - competently and personally.

oventrop
Wir regeln das. Seit 1851.

**Oventrop GmbH & Co. KG** · Paul-Oventrop-Str. 1 · 59939 Olsberg, Germany
Phone +49 2962 820 · Fax +49 2962 82400 · mail@oventrop.com · www.oventrop.com