# oventrop

### Transmission station Regudis H-H DN 25

Data sheet

#### Transmission station Regudis H-H

## For the connection of a constant temperature heating circuit (radiators)

OVENTROP transmission station Regudis H-H with plate heat exchanger for the indirect transmission of heat from a local or district heating network to the potable water and heating system of detached houses or multiple occupancy dwellings.

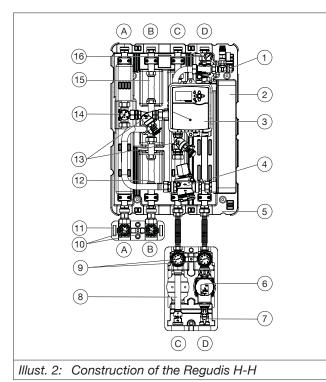
With electronic controller for the weather guided control of the flow temperature of the heating system and simultaneous limitation of the return temperature to the local/district heating network.

With pump group Regumat S for the connection of a constant temperature heating circuit (radiators) or a potable water storage cylinder.

Free choice of potable water priority function or parallel operation with the heating circuit. A potable water storage cylinder with internal heat exchanger can be connected to the primary side.

For use in closed local and district heating networks, for operation with non-aggressive, harmless fluids (e.g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).

The station is supplied with mounted functional modules and is completely parameterized and tested at works.



(1)	Safety group
(2)	Heat exchanger
(3)	Electronic controller



(4)	Pressure independent control valve Cocon QTZ		
	with actuator		
(5)	Rear insulation shell		
(6)	Pump		
(7)	Ball valve with handle		
(8)	Flanged pipe with check valve		
(9)	Ball valve with thermometer inside the handle		
(10)	Thermometer		
(11)	Rear insulation shell		
(12)	Spacer for heat meter		
(13)	Strainer with venting and draining valve		
(14)	Pressure gauge		
(15)	Spacer for heat meter		
(16)	Pressure gauge		
Conr	Connections		
Α	Primary circuit supply		
В	Primary circuit return		
С	Secondary circuit supply		
D	Secondary circuit return		

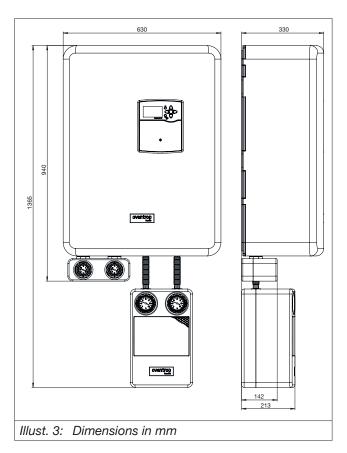
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## Transmission station Regudis H-H DN 25

General informationItem no.1391031DesignationRegudis H-HNominal sizeDN25Max. operating temperature ts95°CMax. operating pressure ps10 barMin. operating pressure ps1 barMax. primary differential pressure6 barMax. primary differential pressure6 barMax. primary differential pressure3 barMax. primary differential pressure3 barMax. primary differential pressure0 - 10 bar
DesignationRegudis H-HNominal sizeDN25Max. operating temperature ts95°CMax. operating pressure ps10 barMin. operating pressure ps1 barMax. primary differential pressure6 barMax. primary differential pressure8 andMaxing temperature T2-35°CEmpty weight48,12 kgRegudis H-H48,12 kgHydronic performance data3 barSafety valve secondary side3 barMax. primary volume flow4800 l/hDisplay range of the0 - 10 bar
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sideMax. primary volume flow4800 l/hDisplay range of the0 - 10 bar
Display range of the 0 - 10 bar
Operating fluids Water / mixtures of water and glycol
Dimensions
Regudis H-H Width x Height x Depth (in mm)
Connections to the pipework
Transmission stationFlat sealing male thread G 1 1/4
Ball valve connection setFlat sealing male thread G1 ½
RegumatFlat sealing male thread G1 ½
Electrical performance data
Operating voltage con- troller 230 V AC, 50-60 Hz
Actuator Closed with current off, 24 V DC, control voltage 0-10 V
Material
Valves and fittings Brass, bronze
Seals Fibre materials; EPDM
Base plate Galvanised steel
Thermal insulation EPP

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sheet

Heat exchanger	Plate material: stain- less steel 1.4401
	Connections: Stainless steel 1.4404
	Brazing material: Copper
Pipes	Stainless steel 1.4404
Spacers	Stainless steel 1.4404

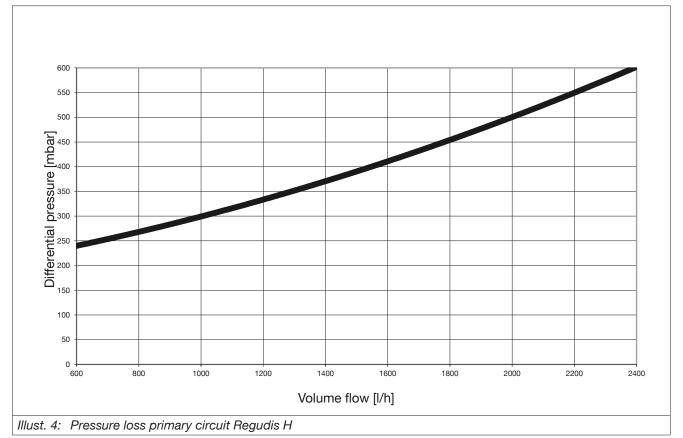


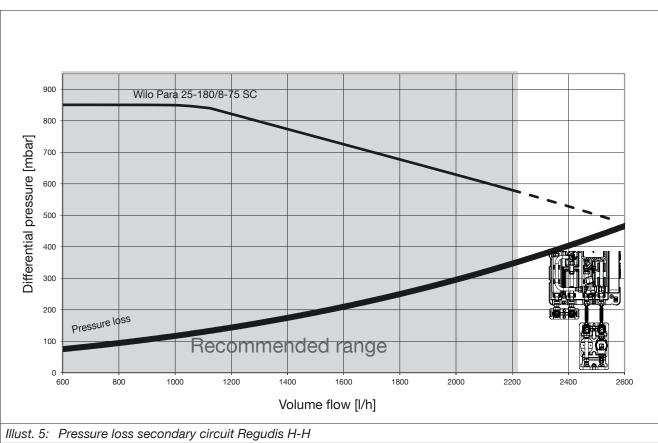
Designation	Item no.			
Accessories				
Monovalent potable water stor-	1395010			
age cylinder Hydrocor WM	1395011			
	1395012			
Diaphragm expansion tank	1399091			
	1399092			
Extension module Regtronic EM	1152098			
Connection set	1399080			

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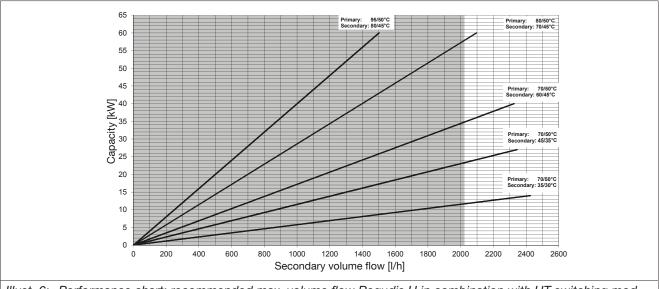
Data sheet



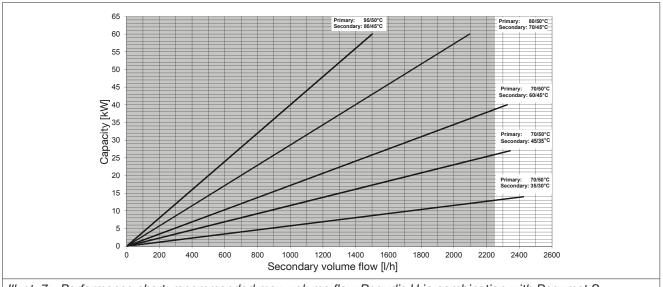


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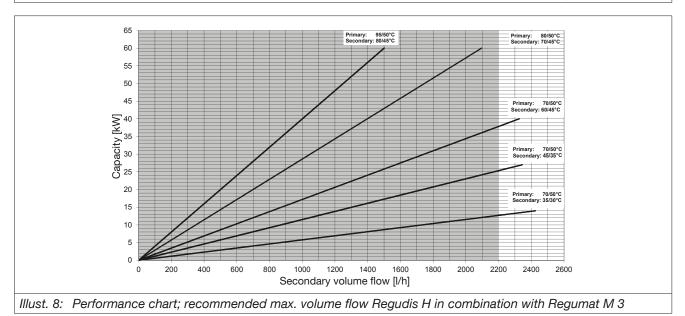
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Illust. 6: Performance chart; recommended max. volume flow Regudis H in combination with HT switching module



Illust. 7: Performance chart; recommended max. volume flow Regudis H in combination with Regumat S



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