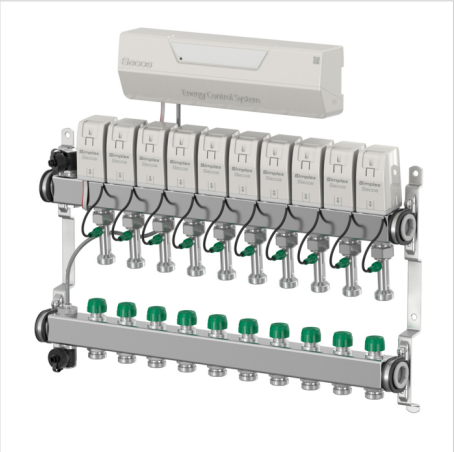
F18810 - Simplex VT FH Secos - 10

Product Data Sheet 2026/11/22



Energy efficient, fully automatic energy control system for surface heating in heating and cooling operation.
Stainless steel Secos system manifold with ceramic Secos disc valves and Secos multi sensors for recording the flow rate and the media return temperature, optimal control quality, including supply line temperature sensor.
Factory-mounted on soundproof manifold holders.
Plug-ready pre-wired snap on base plate for Secos actuators and multi sensors. Only one plug connection between Secos actuators and Secos energy saving control required.
Ceramic shut-off units in the supply line, including fill and drain plugs in the supply and return line for filling, draining, flushing and venting.
Tool-free installation of the Secos actuator on the disc valve using plug-in technology. The immediate electrical and mechanical connection to the base plate occurs when connecting the actuator.
Energy saving control for recording and processing all system data for automatic hydraulic balancing, uniform, needs-based heat supply to avoid unwanted oversupply. This results in the highest possible energy efficiency.
The energy saving control includes:

- Fully automatic hydraulic balancing of the connected heating circuits
- Heating and cooling function
- Full pump control
- Interface to GLT systems
- App control for settings
- Commissioning protocol function
- Automatic flushing function
- Heating protocol function
- Periodic valve protection
- Periodic pump protection
- Status and error messages

Set comprises:

- 1 x stainless steel system manifold
- 4-14 x disc valves in both the supply and return line bars
- 4-14 x Secos multi sensor
- 4-14 x Secos actuator
- 1 x Secos energy saving control
- 1 x Secos flow temperature sensor supply line

Technical Specifications

- Manifold made of stainless steel
- Max. operating temperature: 75 °C (the maximum permitted supply flow temperature of the surface heating must be noted)
- Max. operating pressure: 10 bar

Description		Simplex VT FH Secos - 10
Order Code		F18810
GTIN		4013852271722
Model		Secos - Simplex Energy Control System
Number heating circuits		10
Connection	D	G 1" F
	E (EC)	G $\frac{3}{4}$" M

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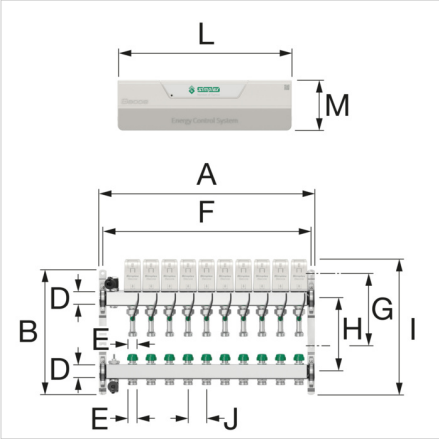



Dimensions

Type	Dimensions											
	A [mm]	B [mm]	C [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	K [mm]	L [mm]	M [mm]	N [mm]
VT FH Secos - 4	284	340	76	264	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 5	334	340	76	314	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 6	384	340	76	364	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 7	434	340	76	414	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 8	484	340	76	464	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 9	534	340	76	514	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 10	584	340	76	564	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 11	634	340	76	614	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 12	684	340	76	664	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 13	734	340	76	714	197	200	365	50	14,5	327,5	95	60
VT FH Secos - 14	784	340	76	764	197	200	365	50	14,5	327,5	95	60





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Classification General Data

Etim Group	Distribution systems and components
Etim Class	Manifold for hydronic circuits
Product Name	None
Brand	Comap
Product Type	Heating manifolds
Order Code	F18810
GTIN	4013852271722

Attributes

Connection type primary side	2-pipe
Suitable for cooling	Yes
Position primary connection	Left/right
Primary connection	Internal thread cylindrical BSPP-G (ISO 228-1)
Nominal diameter primary connection	1 inch (25)
With valves on primary connection	No
Max. cooling power primary (at primary dT = 7K)	38.98 kW
Max. heating power (at primary dT=20K)	111.36 kW
Medium temperature (continuous)	15 - 55 °C
Max. operating pressure	10 bar
With mixing valve	No
Expandable	No
Max. number of expansion groups	0
Multi-zone manifold	Yes
With temperature limit	Yes
With non-return valve	No
With domestic hot water circulation pump	No
Type of pump (system pump)	AC
Article compression class	PN 10
With controller	Yes
Hydraulic balance control	Dynamic
Volume flow measurement	Digital
Temperature measurement supply	Digital
Temperature measurement return	Digital
Supply voltage	230 V
Frequency	50 Hz
With pressure gauge	No
Number of groups secondary	10
Secondary connection	Euroconus
Nominal diameter secondary connection	3/4 inch (20)
Outer pipe diameter secondary	12 - 20 mm
With flow-through indicator	Yes
Flow-through capacity	0 - 480 l/h
With thermal actuator	Yes
With wall-mounting bracket	Yes
With mounting material	No
Position connection central heating	Side
With pump	No
With filling/drain tap	Yes

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Find more information online:

Installation and operating instructions
Connectivity Guide
EU Declaration of Conformity
Secos RFA
Secos DWG
Technical brochure
Folder
Trifold
Specification text
Underfloor heating & cooling folder
Леток за подно греење и ладење
EPBD Energy saving solutions
EPBD Energy saving solutions UK
Packaging data
SECOS

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