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**7.1.a Service**

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**7.1.b Software, data, data sets**

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**7.1.a Service**

**Content**

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| Article  | Article-No.    | Hint  |
|--|----------------|---|
| <b>System design</b>   |                | <b>Prerequisite:</b><br>A service agreement is concluded for the design.  |
| <b>Surface heating design "Cofloor"</b>  |                |   |
| <b>Basic</b>   | <b>9900015</b> | The design is based on the parameters, data and installations indicated in the service agreement. The results have to be checked on site.<br><br>The service agreements can be found under <a href="http://www.oventrop.com/service">www.oventrop.com/service</a> . |
| Scope of service:  |                |   |
| <ul style="list-style-type: none"> <li>- Determination and tabular output of room heating and laying data (number of heating circuits, pipe lengths, laying pattern, volume flow, pressure loss, presetting values, surface temperatures)</li> <li>- Determination of Oventrop components</li> <li>- Optional: Compilation of tender specifications (word and GAEB format)</li> </ul>  |                |   |
| <b>Basic plus</b>  | <b>9900016</b> |   |
| Scope of service:  |                |   |
| <ul style="list-style-type: none"> <li>- Determination and tabular output of room heating and laying data (number of heating circuits, pipe lengths, laying pattern, volume flow, pressure loss, presetting values, surface temperatures)</li> <li>- Determination of Oventrop components</li> <li>- Optional: Compilation of tender specifications (word and GAEB format)</li> <li>- Entry of the laying data (number of heating circuits, laying pattern, circuit length) into the ground plan in the form of heating circuit stamps</li> </ul>  |                |   |
| <b>Premium</b>   | <b>9900017</b> |   |
| Scope of service:  |                |   |
| <ul style="list-style-type: none"> <li>- Determination and tabular output of room heating and laying data (number of heating circuits, pipe lengths, laying pattern, volume flow, pressure loss, presetting values, surface temperatures)</li> <li>- Determination of Oventrop components</li> <li>- Optional: Compilation of tender specifications (word and GAEB format)</li> <li>- Entry of the laying data (number of heating circuits, laying pattern, circuit length) into the ground plan in the form of heating circuit stamps</li> <li>- Graphic planning for heating circuit installation / location of the distributors/collectors, supply pipes and heating circuits</li> <li>- Determination of the pipe diameters from the heat generator to the respective heating circuit distributor/collector</li> <li>- Determination of the pump output</li> <li>- Buffer storage cylinder design, if required</li> <li>- Data output in a riser scheme</li> </ul> |                |   |
| <b>Industrial surface heating design Premium</b>   | <b>9900020</b> |   |
| Scope of service:  |                |   |
| <ul style="list-style-type: none"> <li>- Determination and tabular output of room heating and laying data (number of heating circuits, pipe lengths, laying pattern, volume flow, pressure loss, presetting values, surface temperatures)</li> <li>- Determination of Oventrop components</li> <li>- Optional: Compilation of tender specifications (word and GAEB format)</li> <li>- Entry of the laying data (number of heating circuits, laying pattern, circuit length) into the ground plan in the form of heating circuit stamps</li> <li>- Graphic planning for heating circuit installation / location of the distributors/collectors, supply pipes and heating circuits</li> <li>- Determination of the pipe diameters from the heat generator to the respective heating circuit distributor/collector</li> <li>- Determination of the pump output</li> <li>- Buffer storage cylinder design, if required</li> <li>- Data output in a riser scheme</li> </ul> |                |   |

| Article  | Article-No.           | Hint   |
|--|-----------------------|--|
| <p><b>Dwelling station "Regudis" design</b></p> <p>Scope of service:</p> <ul style="list-style-type: none"> <li>- Determination and calculation of the number of "Regudis" dwelling stations</li> <li>- Dimensioning of the pipework (heating) from the heat generator to the dwelling stations</li> <li>- Determination of the pipe diameters (PWC) from the house connection to the dwelling stations</li> <li>- Determination of the pump output</li> <li>- Heat generator and buffer storage cylinder design</li> <li>- Result output in a riser scheme</li> </ul>             | <p><b>9900033</b></p> | <p><b>Prerequisite:</b><br/>A service agreement is concluded for the design.</p> <p>The design is based on the parameters, data and installations indicated in the service agreement. The results have to be checked on site.</p> <p>The service agreements can be found under <a href="http://www.oventrop.com/service">www.oventrop.com/service</a>.</p> |
| <p><b>Fresh water stations "Regumaq" design</b></p> <p>Scope of service:</p> <ul style="list-style-type: none"> <li>- Determination and calculation of the number of "Regumaq" stations</li> <li>- Determination of the total number of cascades</li> <li>- Determination of the pipe diameters between the buffer storage cylinder and the fresh water station</li> <li>- Determination of the pipe diameters (PWC) from the house connection to the fresh water station</li> <li>- Heat generator and buffer storage cylinder design</li> <li>- Tabular result output</li> </ul> | <p><b>9900034</b></p> |  |
| <p><b>Solar package "Solcos" design</b></p> <p><b>Basic</b></p> <p>Scope of service:</p> <ul style="list-style-type: none"> <li>- Determination and calculation of the number of solar collectors</li> <li>- Solar pipework design with pipe diameters, pump head and valve settings</li> <li>- Buffer storage cylinder design</li> <li>- Output of a material list</li> <li>- Calculation of a package, if required</li> </ul>  | <p><b>9900039</b></p> |  |
| <p><b>Premium</b></p> <p>Scope of service:</p> <ul style="list-style-type: none"> <li>- Determination and calculation of the number of solar collectors</li> <li>- Solar pipework design with pipe diameters, pump head and valve settings</li> <li>- Buffer storage cylinder design</li> <li>- Output of a material list</li> <li>- Calculation of a package, if required</li> <li>- Static calculation of the wind and snow load</li> </ul>  | <p><b>9900041</b></p> |  |
| <p><b>Building Automation "DynaTemp" design</b></p> <p>Scope of service:</p> <ul style="list-style-type: none"> <li>- Determination and elaboration of a concept</li> <li>- Creation of parts lists</li> <li>- Transformer design</li> <li>- Entry of the components and pipes into the ground plan</li> </ul>   | <p><b>9900040</b></p> |  |

| Article   | Article-No.           | Hint   |
|---|-----------------------|--|
| <p><b>Thermostatic valve design</b></p> <p>Scope of service:</p> <ul style="list-style-type: none"> <li>- Thermostatic valve design including presetting values</li> <li>- Determination of the pipe diameters (heating) according to the specifications</li> <li>- Determination of the pump output</li> <li>- Heat generator and buffer storage cylinder design</li> <li>- Data output in a riser scheme</li> </ul> | <p><b>9900025</b></p> | <p><b>Prerequisite:</b><br/>A service agreement is concluded for the design.</p> <p>The design is based on the parameters, data and installations indicated in the service agreement. The results have to be checked on site.</p> <p>The service agreements can be found under <a href="http://www.oventrop.com/service">www.oventrop.com/service</a>.</p> |

Item

Note

**Rental devices**



**“OV-DMC 3” Measuring system 1069278**

with interfaces for communication with standard smartphones, tablets and personal computers

| Item | Note |
|------|------|
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**Seminars**

Oventrop offers professional seminars.  
 E.g.: Hydronic systems  
 Calculation of heating cooling and  
 sanitary installations

For detailed information  
 on the seminars visit  
**[www.oventrop.com](http://www.oventrop.com)**



**Slide rules**  
 for the design of valves for  
 hydronic balancing



**Catalogue**

Catalogue "Products" **9999971**



**7.1.b Software, data, data sets**

**Content**

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Item

Note



**Software (Windows)**

**“OVplan”**

Software for pipework calculation for heating, cooling, potable water, surface heating systems as well as dwelling stations “Regudis”

**“OVe.r.p.”**

Software for the calculation of the energy efficiency classes of packages according to the ErP Directives.

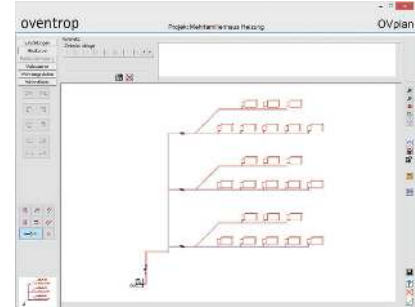
**“OVsol”**

Solar pipework calculation

**“OVselect”**

Software for valve design

The software can be downloaded from the Internet ([www.oventrop.com](http://www.oventrop.com)).



**Oventrop App**

- iOS
- Android

Functions of the Oventrop App:

- Calculation of the energy efficiency classes of packages according to the ErP Directives
- Heat load calculation according to DIN EN 12831
- Determination of the radiator capacity
- Thermostatic valve design
- Double regulating and commissioning valve design
- Differential pressure regulator design
- Technical data
- Oventrop catalogue



**Data**

**BIM/CAD data**

(Building Information Modelling)

Formats:

- Revit
- DWG
- VDI 3805

**ETIM Classification**

**VDI 3805 – Data sets for technical software**

- Heating
- Potable water
- Surface heating
- Solar thermal energy
- Storage cylinders

**Article master data**

Formats:

- Excel
- 2ba

All data can be downloaded from the Internet ([www.oventrop.com](http://www.oventrop.com)).

