

ENG

TECHNICAL MANUAL

for instalation, use and maintenance
of the water accumulation tank

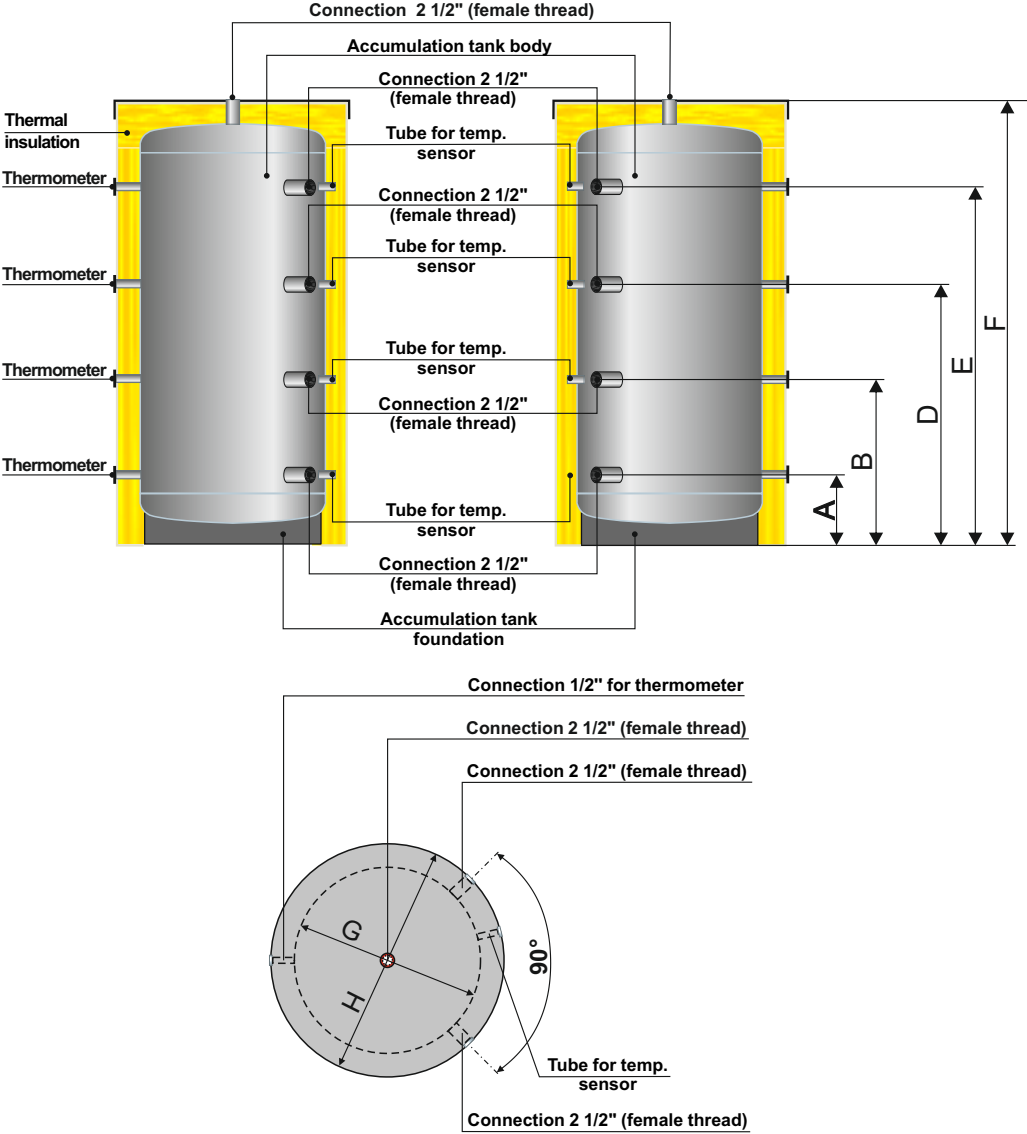


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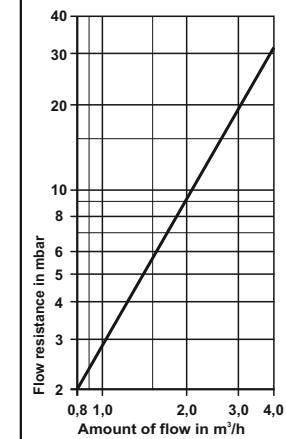
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| Type | CAS 5006 |
|----------------------------------|----------|
| Volume (l) | 5022 |
| Tank body diameter G (mm) | 1600 |
| Outer diameter H (mm) | 1860 |
| Total height F (mm) | 2810 |
| Connections (R) | 2 1/2" |
| Max. operating press. (bar) | 6 |
| Max. operating temp. (°C) | 100 |
| Min. height of the room (mm) | 2820 |
| Empty acc. body weight (kg) | - |
| Empty acc. tank weight (kg) | |
| DHW tank capacity (l) | - |
| Max. oper. press. DHW tank (bar) | - |
| DHW connections (R) | - |
| Heat exchanger surface (m²) | - |
| Heat exchanger volume (l) | - |
| Thermal insulation (mm) | 100 |
| Height A (mm) | 515 |
| Height B (mm) | 1130 |
| Height D (mm) | 1750 |
| Height E (mm) | 2365 |

Pict. 1. Flow resistance of CAS



[illegible]

0 1 1 1 1

[illegible]

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

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4.0. INSTALATION

Accumulation tanks CAS are delivered on a wooden pallet. Before placing the accumulation tank in the boiler room it needs to be removed from the wooden pallet. Installation and assembly of accumulation tank and installation of additional equipment on the tank must be performed by a qualified person. Accumulation tank need to be placed on a horizontal solid foundation for the anticipated load that causes the full weight of the accumulation tank. Boiler room must be protected from freezing. Accumulation tank has to be positioned so that it can be properly connected and simultaneously, enabling tending of accumulation tank control during operation. For mounting of thermal insulation on the accumulation tank see "Technical instructions for installation of thermal insulation and jacket for accumulation tank CAS" which are delivered with thermal insulation of the tank.

5.0. PLATE WITH BASIC INFORMATION ABOUT THE PRODUCT

Picture 2. Position of the plate on the accumulation tank

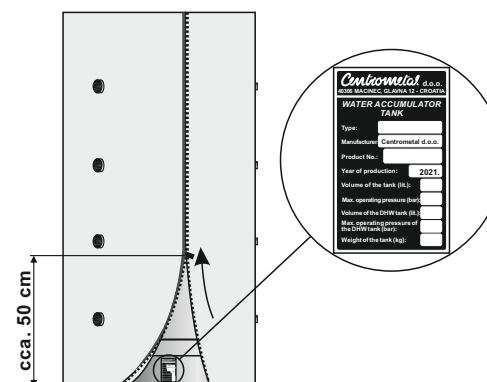


Plate of accumulation tank is attached to its foundation and covered with insulation. In order to reach the plate the zipper must pulled up (open) approx. 50 cm and separate thermal insulation (see Picture 2).

6.0. INSTALLATION OF THE ACCUMULATION TANK TO CENTRAL HEATING SYSTEM

Connection of the accumulation tank to central heating system should be done by recommendation and schematic drawing from boiler (heat source) manufacturer, according to this technical manual and good technical practice.

Start up, use, cleaning and maintenance

8.0. START UP

8.1. START UP - CAS 5006

It is necessary to perform (check, if you have already performed) all actions in accordance with points 1.0. to 7.0. these instructions.

Max. working pressure in the accumulation tank connected to the installation of central heating must be limited with built in safety valve with max. opening pressure 6 bar.

9.0. USE, CLEANING AND MAINTENANCE

The water accumulation tank **CAS** have to be cleaned as needed, by discharge the accumulation tank.

Characteristic of accumulation tanks

10.0. CHARACTERISTICS OF ACCUMULATION TANKS CAS 5006

- ▶ They are manufactured from certificated metal sheet in compliance with the ISO 9001/2000 norm.
- ▶ They are very good thermal insulated (100 mm), the outer cover is made of artificial leather.
- ▶ It is possible to connect the tanks mutually in order to increase total accumulation of the system.