

## MEMBRANE VESSEL ASSEMBLY MVA



**Fig. 1**



**Fig. 2**

### 1. Table of elements (Fig. 1)

| No. | Description of element           | Quantity |
|-----|----------------------------------|----------|
| 1   | Membrane vessel                  | 1 ea.    |
| 2   | Membrane vessel hose and gaskets | 1 set    |
| 3   | Vessel bracket with band         | 1 set    |

### 2. Function

The membrane vessel is suitable for use in compensation of cubic expansion connected with temperature changes of an agent in a closed hydraulic circulation system. In a solar circulation system, it is used to take the liquid displaced from collectors by steam produced in emergency situation when boiled.

### 3. Assembling (Fig. 2)

Connecting position of the vessel is to be selected depending on the place being available on the wall near the control and pump assembly already installed. It has to be mounted to stub pipe of tree way union with safety valve (after removing the plug) Further assembling operations.

1. Screw a membrane vessel bracket (3) to the wall using clamping screws (4), close to the selected stub pipe of the control and pump assembly.
2. Mount the membrane vessel (1) in the previously mounted bracket.
3. Using the hose (2), connect vessel (1) with a pipe tee mounted on the control and pump assembly.