

# Cooling Vessel for Diaphragm Expansion Vessel

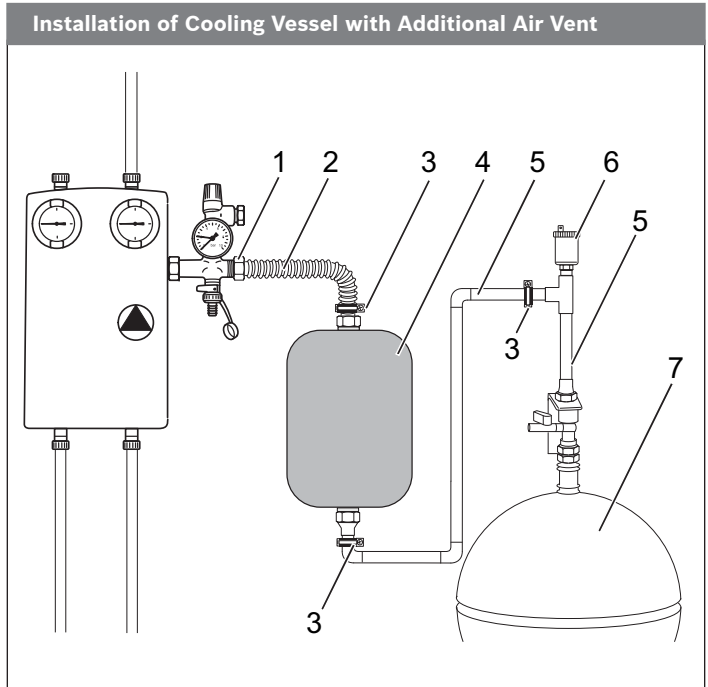
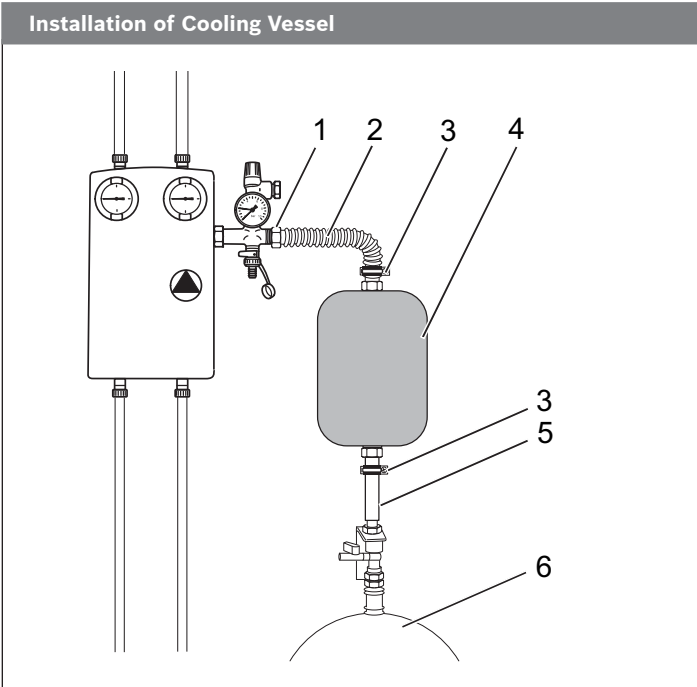


Fig. 1 Installing the cooling vessel

Fig. 2 Installing the cooling vessel with additional air vent

- Item 1:** Safety assembly
- Item 2:** Corrugated stainless steel or hard pipe (not provided)
- Item 3:** Hose clamp (not provided)
- Item 4:** Cooling vessel
- Item 5:** Copper pipe (not provided)
- Item 6:** Diaphragm expansion vessel

- Item 1:** Safety assembly
- Item 2:** Corrugated stainless steel or hard pipe (not provided)
- Item 3:** Hose clamp (not provided)
- Item 4:** Cooling vessel
- Item 5:** Copper pipe (not provided)
- Item 6:** Air vent
- Item 7:** Diaphragm expansion vessel

## Engineering Specifications (Part Number: 83001626)

The following shall be the specifications for the cooling vessel:

The cooling vessel shall be of steel construction with two 3/4" male fittings and rated 145 psi. The Cooling vessel shall pre-cool the solar fluid so that the DEV is not exposed to excessively high temperatures.

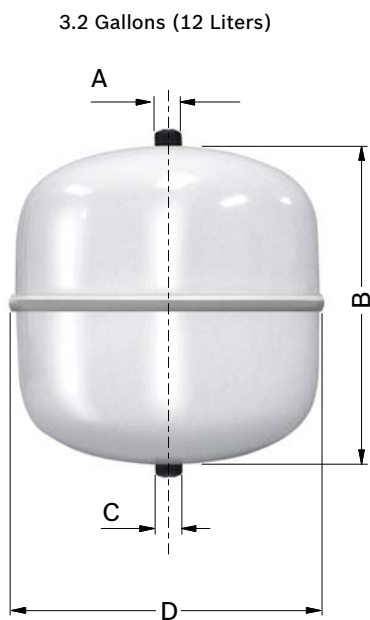
The DEV shall be installed below the cooling vessel. If this is not possible, and the pipe is required to be sloped upwards, an additional air vent must be built in.

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# BOSCH

## Cooling Vessel Dimensions



Reference Letter	Dimensions (mm)
A	3/4"
B	10.4" (264)
C	3/4"
D	10.6 (270)