

Expansion Tank

579809 (46510-00)

FESTO

LabVolt Series

Datasheet

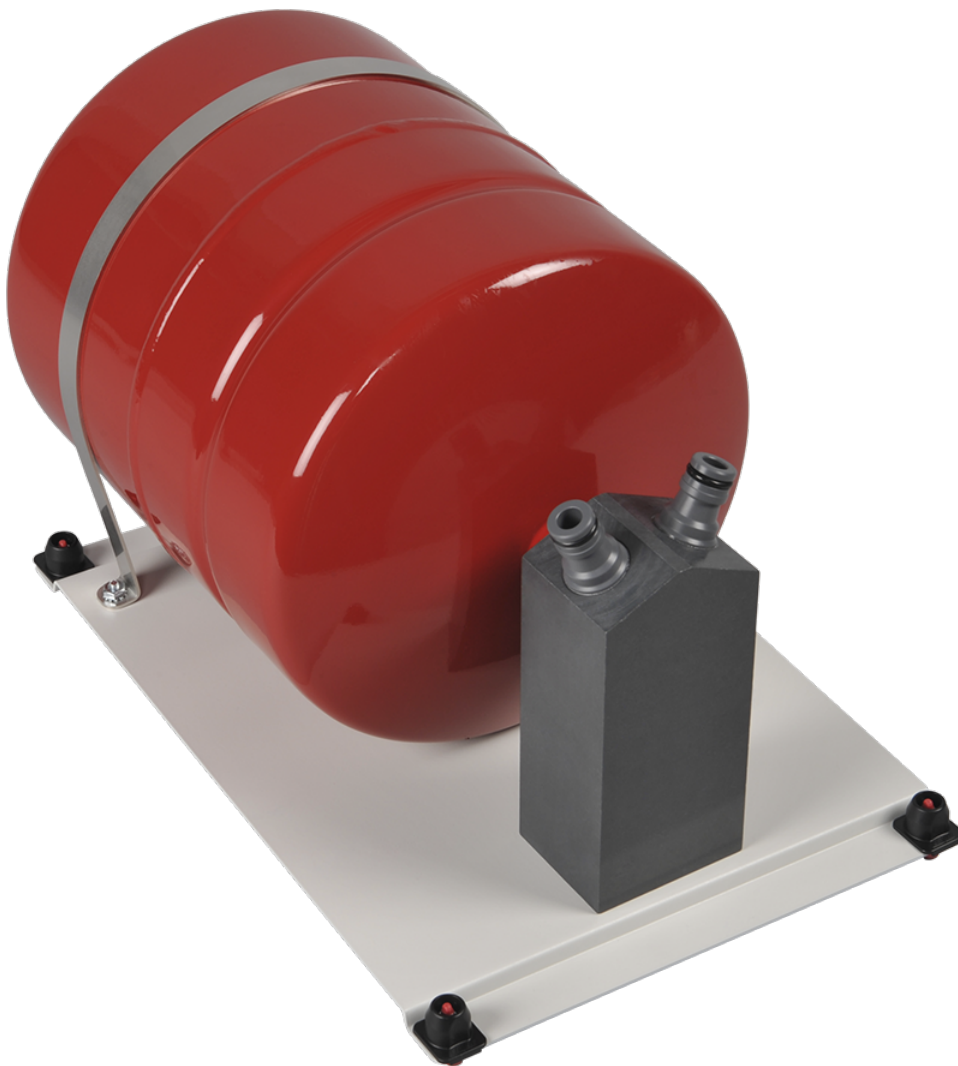


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General Description

The Expansion Tank contains a flexible diaphragm and a pressurized secondary fluid (air) that permits the safe thermal expansion and contraction of its primary fluid (water). This fluid separation allows changes to occur in primary-fluid volume that are directly related to changes in primary-fluid temperature.

Specifications

Parameter	Value
Expansion Tank	
Type	Lined-steel vessel with internal pressurized air bladder
Inlet and Outlet Diameter	1.3 cm (0.5 in)
Practical Volume	3.4 L (0.9 US gal)
Nominal Operating Pressure	6.9 bar (100 psi)
Maximum Operating Pressure	10.34 bar (150 psig)
Factory Precharge	0.827 bar gauge (12 psig)
Temperature Rating	93.3°C (200°F)
Physical Characteristics	
Dimensions (H x W x D)	40.6 x 22 x 21 cm (16 x 8.7 x 8.25 in)
Net Weight	3.175 kg (7 lb)

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