

HEATING LINE PRE COOLED TANK

ESTECH ENERGY



Operation of PCT vessel

When there is excessively high temperature in the solar energy system (in some cases even vapour), the hot fluid mixes with the cold stagnant fluid in the additional tank PCT. Therefore we have a cooling of the hot fluid dispersion in the PCT tank. In this way the membrane of the SOLARPLUS vessel is protected from the excessive temperatures.

Technical and dimensional data

ESTECH -PCT	Model	Capacity (Ltr)	Ø D	H	Connection
	PCT 35	35	380 mm	500 mm	No2 x 3/4" G
	PCT 50	50	380 mm	620 mm	No2 x 1" G
	PCT 100	100	500 mm	800 mm	No2 x 1" G
	PCT 200	200	600 mm	950 mm	No2 x 1" G
	PCT 400	400	630 mm	1600 mm	No2 x 1" G

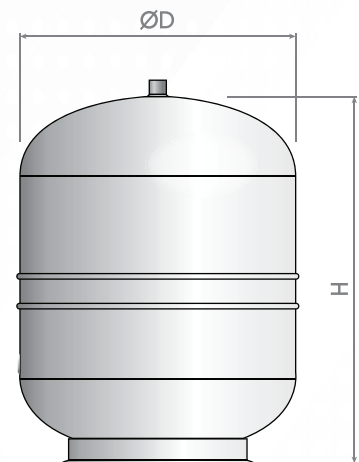
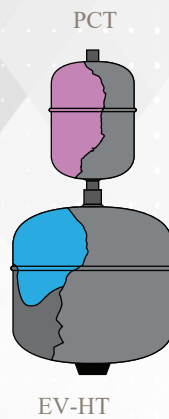
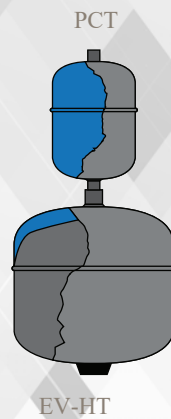
Material description

Description	Material
Shell	Carbon Steel
Connections	Carbon Steel
Colour	White / Gray

Operating conditions

Maximum operating pressure	10 bar
Operating temperature	-10°C - 200°C

Technical drawings



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