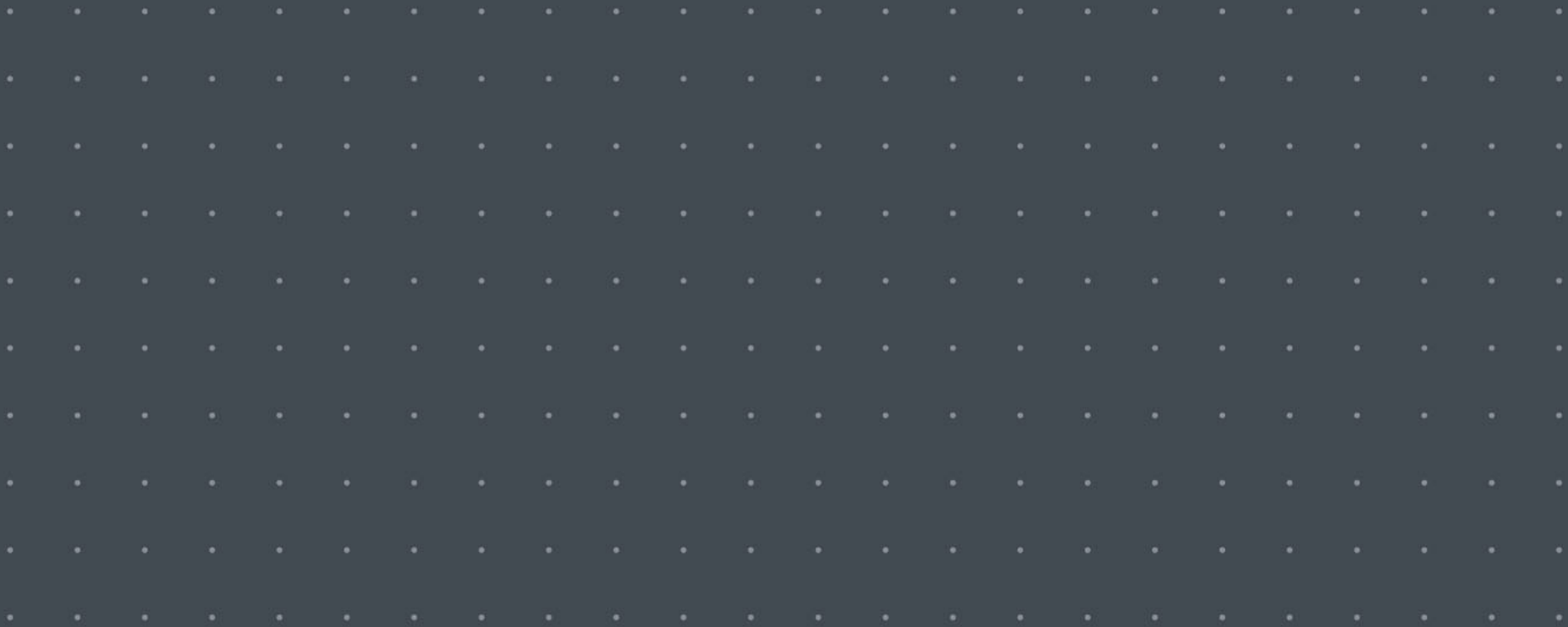


# Expansion vessels



## Expansion vessels

- The membrane pressure expansion vessels are welded vessels manufactured especially for closed solar heating systems
- Available in 18, 25, 35, 50, 80, 105, and 150 litre sizes
- Available for wall or floor mounting



## Expansion vessels – which size do you need

- In the order manual is a design data chart which allows you to work out the size of vessel you need
- This is linked to the net absorber surface area, height of the installation and overall pipe length.

Net absorber surface up to [m <sup>2</sup> ]	Expansion vessel volumes in litres for installation heights h < 15 m and overall pipeline length l < 50 m [l]
5.0	18
7.5	18
10.0	25
12.5	35
15.0	35
17.5	35
20.0	50
22.5	50
25.0	50
27.5	80
30.0	80
32.5	80
35.0	80
37.5	80
40.0	80

## Expansion vessels – mounting bracket

- Steel mounting bracket for wall fixing of the 18 and 25 litre expansion vessels
- Complete with hose connection and flat sealing connector
- Easy to maintain and check performance of vessel with the controls used.



## Expansion vessels – Flexible pipe

- A flexible corrugated stainless steel pipe which connects the expansion vessel to the solar station



## Expansion vessels – safety valve

- Used to connect the expansion vessel to the circuit
- Protected against accidental shutting off and draining
- Allows for easy draining of expansion vessel using a standard ventilation key
- Robust brass construction
- Needs special tool to shut it off



Any questions?

