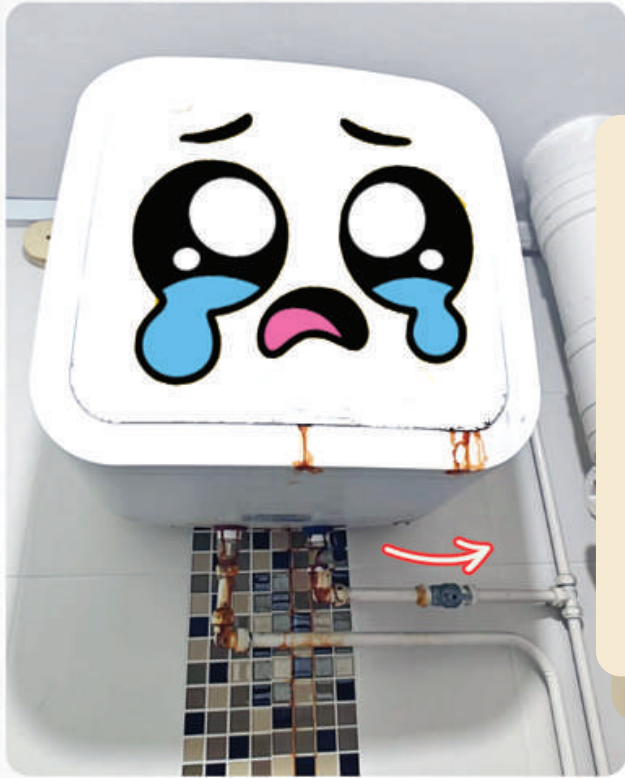
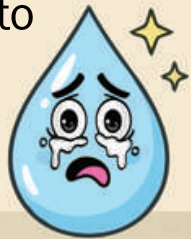


Why **anti-siphon** is needed?



An **anti-siphon device** (double check valve) prevents contaminated water from flowing back into the clean water supply.

Without this protection, dirty water from the heater can be drawn back into the system, making the water supply unsafe.



Without anti-siphon device



- 1 Dirty or stagnant water can flow back into the supply line.
- 2 Using contaminated water for drinking, washing, or cooking may pose health risks such as stomach illness or infection.
- 3 Non-compliant with Singapore Standards SS636:2018



With anti-siphon device



- 1 Prevents backflow of contaminated water into the clean supply.
- 2 Maintains safe and hygienic water quality for household use.
- 3 Complies with Singapore Standard SS 636 - Clause 6.5.2(b), which requires an efficient device to prevent siphonage through the inlet.

