Unit 113: Plumbing, heating and ventilation

# Worksheet 9: Hot water part 4 (learner)

Complete the tasks in this worksheet as directed by your tutor:

1. In the space below, list the main differences between an open vented hot water system and an unvented hot water system. Try to get as many as you can.
2. A close up of a device

   Description automatically generatedLook at the image below. Try to label as many of the unvented hot water components as possible. See if you can get all eight.

Expansion relief valve

Temperature relief valve

1. Who is allowed to install or maintain an unvented hot water system?
2. A L2 qualified plumber
3. A L3 qualified heating and ventilation craftsperson
4. A competent person
5. An experienced worker
6. What is the purpose of the discharge pipe and where should it discharge?
7. Complete the table below:

|  |  |  |
| --- | --- | --- |
| **Safety item** | **What is this control?** | **What does it do and at what temperature?** |
| Safety item 1 |  | Controls the water temperature and is set at 60—65⁰C |
| Safety item 2 |  |  |
| Safety item 3 | Temperature relief valve |  |