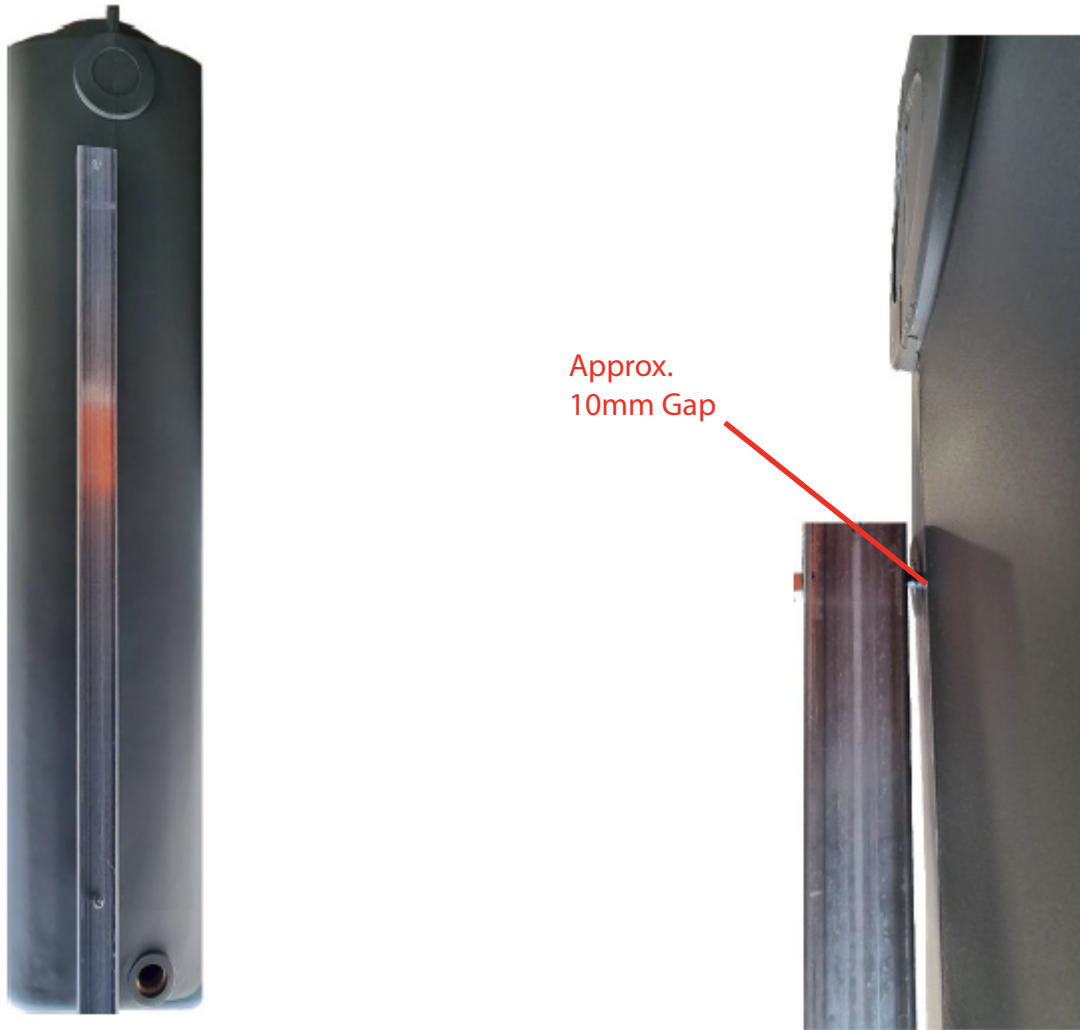


RESTRAINT DETAIL

SPAKRP - Pole restraint kit, SPAKRCP - Concrete pad kit and Timber alternative



Please follow the installation drawing for the SPARK pole restraint kit, use both poles for each tank and all 4 bolts with washers.

Important notes:

- M10 x 75mm 8.8 bolt into tank allows for a gap between the pole and the tank, the bolt does not pull the pole tight against the tank, screw in bolt until it stops and then lightly nip up.
- Ensure the base will not subside under the weight of the tank putting downwards stress on the anchoring points.
- Minimum internal distance between poles is 1525mm and maximum is 1545mm, **1540mm is the target measurement to allow for expansion of the tank.**
- Ensure plastic end caps are installed to help prevent water build up in poles
- The ends of the steel poles are sharp, handle with gloves

IMPORTANT: A minimum of 50mm gap between the tank and the building is required to allow for tank expansion over time, if possible 75mm is ideal.

Restraint bolts:

10mm zinc coated restraint bolts screwed into the tank are to be firm but not over tight (max torque 10nm or 7.4ft/lb) Screw in by hand until the bolt can't be tightened any further and then a quarter of turn with a spanner achieves this.

There should be approx. a 10mm gap between the restrain and the tank.

INSTALLATION DRAWINGS

