

3.1. Plumbing Connections

Only DZ rated brass compression type fittings may be connected directly to the collector (soft /silver solder and or brazing may not be used on the collector itself), the collector connections (“in and out” Supply/ return) should always be cross directional (i.e. water supplied to collector enters the collector through the bottom right connection and leaves the collector through the top left connection), the two connection points not used to transport fluid to and from collector should be stop ended, if more than two collectors are to be connected in parallel, suitable expansion loops must be added between the collectors, no more than 6 x 2sqm Collectors may be connected in this configuration, however multiple banks of 6 collectors may be connected in series.

When tightening the compression fittings two shifting spanners or a shifting spanner and water pump pliers must be used to avoid damaging the collector pipe work.



3.2. Breather holes and vent caps

Located at the top and bottom of the collector are four breather holes (two either side), (8mm brass rivnuts), these “breather holes” allow air flow through the collector and limit condensation from occurring within the collector. These holes must never be covered or used for the purpose of mounting, supplied with every collector (clear plastic bag in box) are two Vent caps, these caps are to be screwed into the two breather holes located at the top of the collector, these vent caps prohibit the ingress of water and debris whilst allowing moist air to escape.

