

Installation instructions

- The Converge aerator must be installed to restrain against any movement that may occur in the building, stack or connected branch lines. All pipework must be installed and bracketed to AS/NZS 3500.2:2021. Branch lines are to be fully supported as per AS/NZS 3500.2:2021 and cannot rely on the Converge connection for support or restraint. The following is therefore recommended:

 - A single M10 welded Nut Clip (118mm ID) secured tightly to the moulded inlet at position (2) on the Converge aerator when the Converge will be located up to 300mm below the underside of the slab (approximately 450mm from the top of inlet (2) to the underside of the slab) (see Fig. 1); or
 - When the Converge will be located more than 300mm below the underside of the slab:
 - A 3-way rigid connection secured tightly to the moulded inlet at position (2) on the Converge aerator (see Fig. 2); or
 - A single M10 welded Nut Clip tightly secured tightly to the moulded inlet at both position (2) and position (7) on the Converge aerator (see Fig. 3)Nut Clip bolts should be tightened to form a secure connection (but not overtightened risking damage to the Converge).
- Connecting to the top centre 100DN inlet – when connecting to the top centre 100DN inlet (Position (2)) simply remove the 100DN plug that comes with all Converge aerators and form the connection using the standard solvent cement joining procedure (see Fig. 4).
- Connecting to either the side 100DN inlets and/or the 65DN inlets – when connecting to these inlets (Positions (1), (3), (4), (5) and (6)) the following steps apply:

 - Primer & Solvent cement join the 100DN plug into the top centre 100DN inlet (Position (2)) (see Fig. 5).
 - Using a holesaw (105mm holesaw is recommended for 100DN connections or a 65mm holesaw for 65DN connections) gently drill out the correct inlet using the moulded guide points to centre the holesaw (see Fig. 6).
 - Solvent cement join the 100DN and/or 65DN pipe into the respective inlets on the Converge aerator as per standard solvent cement joining procedures.

Figure 1

Converge fixed less than 300mm below underside of slab

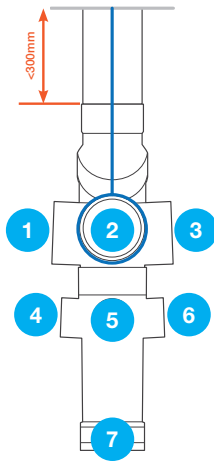


Figure 2

Option 1 – Converge fixed more than 300mm below underside of slab

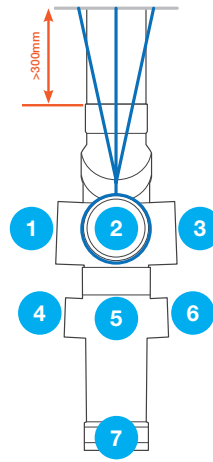


Figure 3

Option 2 – Converge fixed more than 300mm below underside of slab

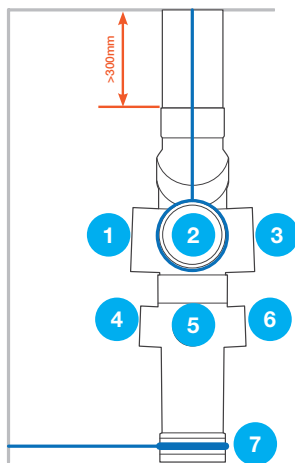


Figure 4

Primer and solvent cement the spigot end of the 100DN pipe or fitting into the top centre 100DN inlet

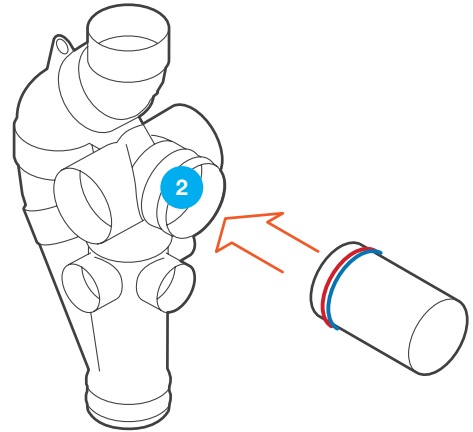


Figure 5

Primer and solvent cement the 100DN plug into the top centre 100DN inlet

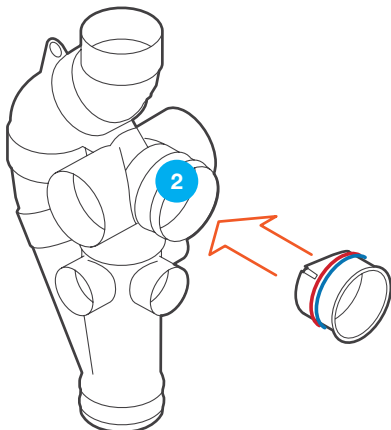


Figure 6

Using a holesaw drill out the correct inlet

Note* 105mm holesaw for positions 1 & 3. 65mm holesaw for positions 4, 5 & 6

