

### **Aymroo Reflux Valve Instructions**

- Aymroo Reflux Valves are certified to WMTS-006 WaterMark # WM74826.
- DN100 and DN150 Aymroo Reflux Valves are fully assembled injection moulded Reflux Valves.
- DN225 and DN300 Aymroo Reflux Valves are fully assembled fabricated Reflux Valves.
- Aymroo Reflux Valves shall be installed in accordance with the requirements of AS/NZS3500.2 and the National Construction Code, Volume Three, Plumbing Code of Australia.

#### **Installation Location**

“A reflux valve shall be located wholly within the property and be accessible. NOTE: This may be achieved by using either an access chamber or a riser shaft to the finished surface level.” (c14.5.1 AS/NZS3500.2)

“Except where a reflux valve is installed in an accessible position within a building (see AS/NZS 3500 Clause 9.13.2), or can be fully serviced and maintained from ground level, all reflux valves shall be installed within a chamber complying with AS/NZS 3500 Clause 4.8” (c14.5.4 AS/NZS3500.2)

“Clear space shall be provided above the reflux valve to facilitate maintenance.” (c10.12.2.b AS/NZS3500.2)

#### **Complying Chambers for Servicing**

DN100 and DN150 Aymroo Reflux Valves, are supplied with a DN225 Locking Access Cap. The installer shall supply DN225 DWV Pipe as a suitable riser to bring the DN225 Locking Access Cap to Ground/Access Surface Level. DN25PN12 PVC pipe (not supplied) of suitable length shall be secured and glued into the removable sealing flap assembly. This allows access to bring the removable sealing flap assembly to ground level for ongoing maintenance, service or replacement.

DN225 and DN300 Aymroo Reflux Valves where installed below surface level, the installer shall install the Aymroo Reflux Valve in a suitably sized access pit covered with a suitably load rated manhole cover. Ensure that floor or pit base is appropriately graded to suit design requirements. The service pit must provide access to facilitate maintenance or replacement of the sealing flap.

#### **General Installation**

- Connect inlet and outlet pipes.
- Ensure Aymroo Reflux Valves are installed with the marked flow direction matching the direction of flow in the pipeline.
- Joins between pipes and the Aymroo Reflux Valve shall comply with AS/NZS3500.2 c10.13 and be either:
  - SWJ with Solvent Cement and Priming Fluid complying to AS/NZS3879 or,
  - RRJ connection complying to AS1646.
- All joins shall be rendered airtight.
- Ensure the sealing flap is seated squarely on the sealing face of the Aymroo Reflux Valve.
- Tighten Access Cap
  - DN100 and DN150 - Fit Locking Access Cap - Tighten Securely (Clockwise)
  - DN225 and DN300 – Fit lid – Ensure bolts are tightened securely

**WaterMark Scope Of Use:** Sanitary Drainage