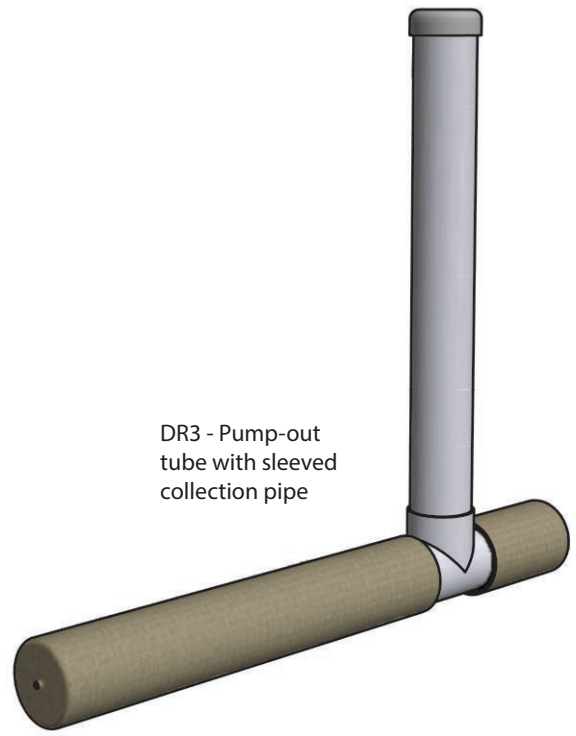
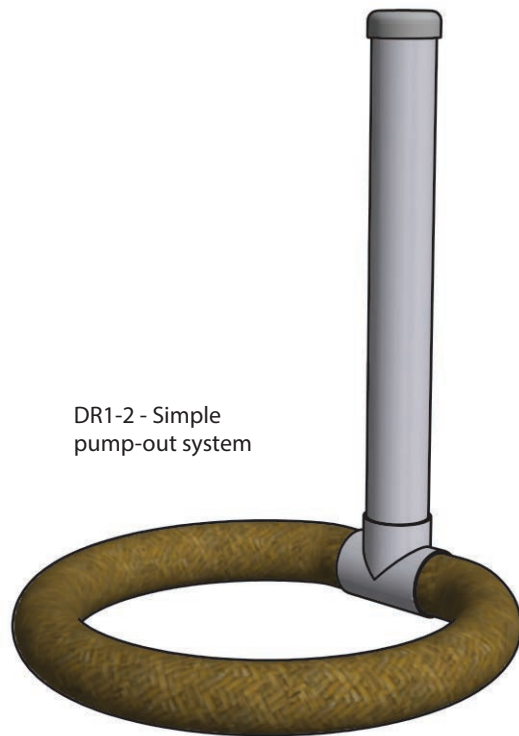


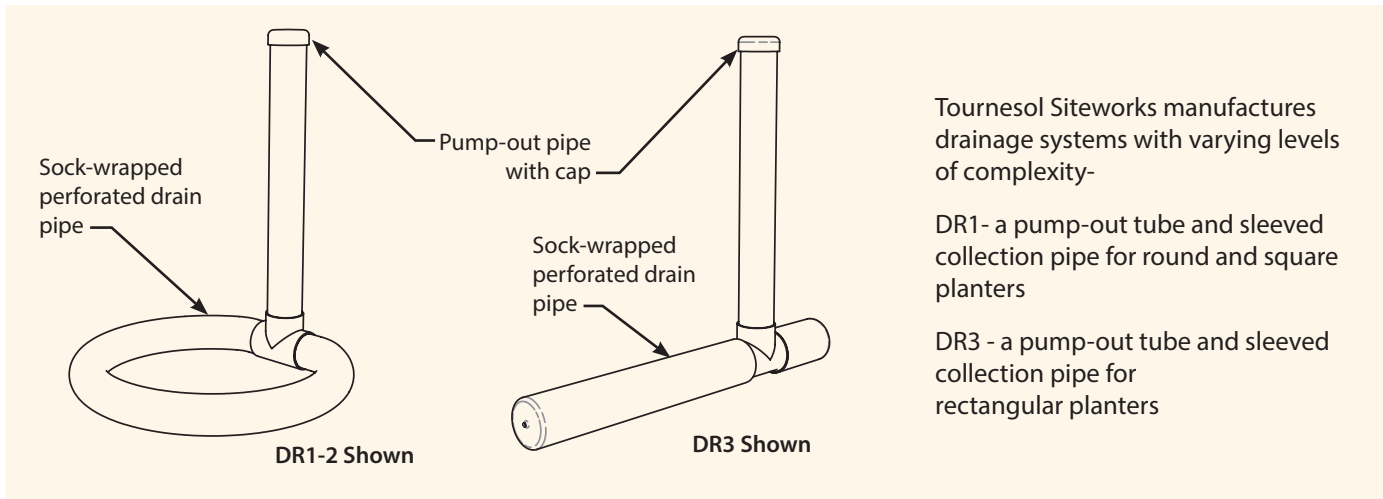
Drainage Control Products

Sometimes getting water out of planters is more important than getting it in!

We get more questions about draining water out of planters than anything else. These products can be used to pump out planters where no drainage can be tolerated, provide overflow for excess water, and control drainage in many applications. While these are designed to integrate with most Tournesol Siteworks irrigation and containers, they can be used equally well with pots or planters from any manufacturer.



- Plumb drainage piping to planters
- Pump-out systems where drainage can't be tolerated
- Controlled overflow valves



Tournesol Siteworks manufactures drainage systems with varying levels of complexity-

DR1- a pump-out tube and sleeved collection pipe for round and square planters

DR3 - a pump-out tube and sleeved collection pipe for rectangular planters

Drainage Control

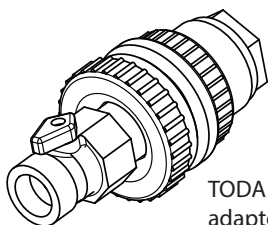
| Part. No. | Usage Scenario (see below) | Description |
|-----------|----------------------------|---|
| DR1-1 | 1 | Drainage System Type I - includes pump-out tube, "T" and sleeve (no pipe loop) |
| DR1-2 | 1 | Drainage System Type I - includes pump-out tube, drainage pipe & sleeve, for 2' square or round pots |
| DR1-3 | 1 | Drainage System Type I - includes pump-out tube, drainage pipe & sleeve, for 3' square or round pots |
| DR1-4 | 1 | Drainage System Type I - includes pump-out tube, drainage pipe & sleeve, for 4' square or round pots |
| DR3-36 | 1 | Drainage System Type III - for linear planters, includes pump-out tube, drainage pipe & sleeve, for 36"L rectangle |
| DR3-48 | 1 | Drainage System Type III - for linear planters, includes pump-out tube, drainage pipe & sleeve, for 48"L rectangle |
| DR3-60 | 1 | Drainage System Type III - for linear planters, includes pump-out tube, drainage pipe & sleeve, for 60"L rectangle |
| DR3-72 | 1 | Drainage System Type III - for linear planters, includes pump-out tube, drainage pipe & sleeve, for 72"L rectangle |
| DR3-96 | 1 | Drainage System Type III - for linear planters, includes pump-out tube, drainage pipe & sleeve, for 96"L rectangle |
| DR3-120 | 1 | Drainage System Type III - for linear planters, includes pump-out tube, drainage pipe & sleeve, for 120"L rectangle |
| TODA | 3 | Side discharge overflow adapter - includes drainage adapter and valved stopcock fitting |
| TA-050 | 3 | 1/2" slip x thread double gasketed drainage adapter for plumbing drains to liners, boxes and planters |
| TA-075 | 3 | 3/4" slip x thread double gasketed drainage adapter for plumbing drains to liners, boxes and planters |
| TA-100 | 3 | 1" slip x thread double gasketed drainage adapter for plumbing drains to liners, boxes and planters |

Usage Scenarios

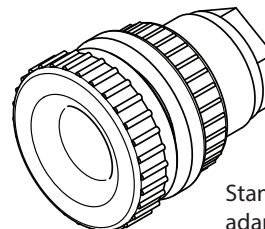
Scenario 1 - No free drainage. If the application is critical and manpower is available, a pot can be installed without a drain hole. The Type I drainage system is buried at the lowest level in a drainage layer, which allows maintenance to pump out excess water as necessary. The siphon tube can also be used to monitor the level of water built up in the container. Pot must be waterproofed, for example using Tournesol's TourneSeal product.

Scenario 2 - Overflow, no Siphon Tube. The bottom of the pot is closed, and excess water is allowed to drain, but no siphon tube is required. The TODA features a valved stopcock which may be left closed (and opened as required), or simply left open to allow for excess water overflow.

Scenario 3 - Plumbed drainage. Tournesol Siteworks offers drainage adapters in standard sizes between 1/2" and 1" dia. These units can be installed in pots, planters and liners, and are double-gasketed for a positive seal. Available as slip x thread or slip x slip connections.



TODA side discharge adapter



Standard drainage adapter