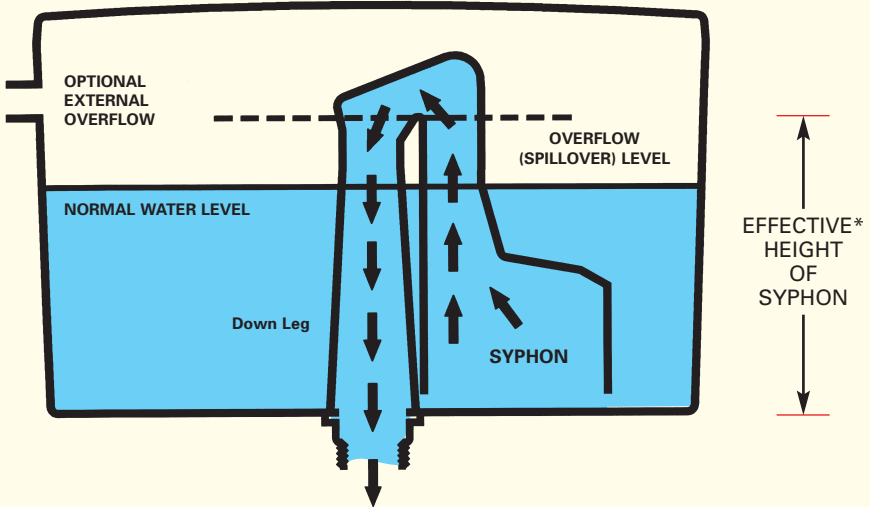


# Internal Overflow Syphons

## *How it works*



If the float operated valve fails and the water in the cistern rises, once water reaches the overflow (spillover) level it cascades down the downleg into the pan.

The syphon downleg is the overflow outlet (i.e. the warning pipe).

To operate as internal overflow only, external overflow hole must be sealed with appropriate plug (provided in new Dudley plastic cisterns).

For external overflow use overflow connector in the normal way.

### Dudley Turbo syphons are ideal for replacement purposes in many cisterns.

To determine height of syphon measure internally from bottom of cistern to marked water level then add 25mm\*. This will give a rough guide to effective height required (i.e. to Spillover). Prior to use, test that water flows down syphon into pan before overflowing from any other point.

Overflow warning pipes are not designed to evacuate excess water caused by a major failure of a float operated valve but are there to provide an early warning. As such they are officially known in the Water Regulations as "warning pipes". However, for the purposes of this leaflet the popular description of "overflow" is used.

**Thomas Dudley Ltd.**  
**IRON FOUNDERS & PLASTIC MOULDERS**

Dauntless Works, P.O. Box 28, Birmingham New Rd,  
Dudley, West Midlands DY1 4SN  
Telephone: 0121-530 7000 (Sales) 0121-557 5411  
Fax: 0121-557 5345  
E-mail: sales@thomasdudley.co.uk  
Web: www.thomasdudley.co.uk

# WATER REGULATIONS JAN. 2001

## *A few questions & answers*

**Q** Is internal overflow warning pipe now allowed?

**A** Yes, but we are providing Dudley plastic cisterns with both external and internal overflow warning pipe (see explanation inside).

---

**Q** What are the new WC flushing requirements from January 2001?

**A** WC flush volumes must not exceed 6 litres for new installations. 7 and 9 litre flushing cisterns can still be used but only for replacement purposes.

---

**Q** What is the situation with reference to syphons and valves?

**A** Syphons can continue to be used with confidence. Valves that meet the strict performance criteria can be used as an alternative.

---

**Q** Does a valve save more water than a syphon?

**A** No, both are of equal flush.

---

**Q** Do cisterns and W.C. pans have to be sold as matching pairs?

**A** No, this is not necessary. Thomas Dudley products comply with the relevant tests.

---

**Q** Are internal overflows mandatory?

**A** No. The Regulations state all flushing cisterns must be provided with a connection for a warning pipe (external) the outlet of which is to discharge in a prominent position,, or other equally effective device (internal).

---

**Q** Can we install a 6/7/9 litre convertible syphon?

**A** Yes. Thomas Dudley's convertible syphons have been approved by WRAS.

---



**Thomas Dudley Ltd.**

**IRON FOUNDERS & PLASTIC MOULDERS**

Dauntless Works, P.O. Box 28, Birmingham New Rd, Dudley, West Midlands DY1 4SN

Telephone: 0121-530 7000 (Sales) 0121-557 5411 Fax: 0121-557 5345

E-mail: sales@thomasdudley.co.uk Web: www.thomasdudley.co.uk