



REVOLUTIONARY FLOW CONTROL TECHNOLOGY

Based on the simple science of buoyancy, Thirsty Duck TD Series Flow Regulators employ groundbreaking flow control technology that drains water at a nearly constant rate — minimizing detention volume and therefore reducing stormwater, surge, and flow equalization system size by up to 50%.

HOW DOES IT WORK?

Whereas traditional flow control systems only reach the design discharge when the storage volume is full, a Thirsty Duck TD Series Flow Regulator maintains its flow restriction at a fixed depth below the water surface, producing a nearly constant flow which reduces storage volumes while meeting regulatory and design requirements.

Features:

- Self-skimming body — keeps debris out
- Solid displacement float with access vent
- Field cut flow restriction module
- Variable operating depth
- Standard ANSI pipe flange connection
- No gasket kit required



Specifications:

- UV-stable 935 LLDPE
- 40 mil RF-welded polyurethane bellows
- Bellows reinforcement — AISI grade 304 stainless steel
- 96" extended bellows length
- Brass FNPT vent tube inserts
- Grade 18-8 stainless steel assembly hardware
- Design flow rates from 0.005 cfs to 1.5 cfs (2 gpm to 630 gpm)
- Operating heads from 6" to 12"
- Flow Regulator orifice diameters from 0.5" to 8.0"
- TDP 184 — 8" ANSI flange connection
- TDP 284 — 10" ANSI flange connection



MAXIMIZE LAND USE

Thirsty Duck's constant flow rate means stormwater systems require less volume which frees up developable land.



TOTAL COMPLIANCE

Our product is passively operated. It uses the principle of buoyancy and has no mechanical parts, helping you meet regulations.



LOWER EXPENSES

When system volume is minimized, costs are minimized. Ponds need less land, and vaults cost less to construct.



Flow Restrictor module
TDP 184 — 0.5" to 4" orifice



96" length stainless
steel reinforced bellows

LET US SHOW YOU THE SAVINGS!

Send us your project for a free, no-obligation design evaluation. All we need is a few parameters specific to your system. Get started today.

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Flow Control Technology

SO HOW EXACTLY DOES IT WORK?

Product Selection Guide

