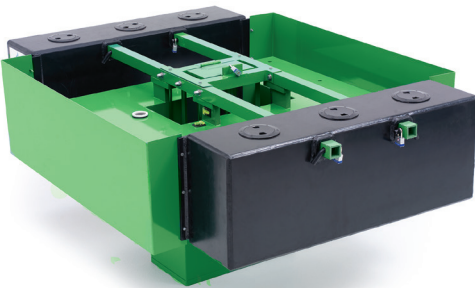


REVOLUTIONARY FLOW CONTROL TECHNOLOGY

Based on the simple science of buoyancy, Thirsty Duck ER Series Flow Regulators are groundbreaking flow control technology that drain water at a constant rate — minimizing detention volume, or surge and flow equalization volume, 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 ER Series Flow Regulator maintains its flow restriction at a fixed depth below the water surface, producing a constant flow which reduces storage volumes while meeting regulatory and design requirements.



Features:

- Self-skimming design—keeps debris out!
- Solid displacement floats
- Fits in standard precast concrete structures
- Custom fabricated to meet your specific flow rate requirements
- Easy installation
- Little to no additional maintenance
- No mechanically engaged parts
- Works in wet and dry systems
- Works in retrofits and new construction

Specifications:

- High-strength aluminum alloy and steel construction
- 304 stainless steel guide and stop rods
- Lockable hinged grate for easy access and safety
- High-quality powder coat finish
- Lockable float retaining pins
- Foam-filled, half-inch-thick polypropylene floats with integral ballast system
- Stainless steel assembly hardware and fasteners
- Integral aluminum alloy skimmers



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 costs less to construct.

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.

CALL:

(844) 376-2400 toll-free
(727) 376-2400 direct

VISIT:

2154 Duck Slough Blvd.
Bldg. 4, Suite 103
Trinity, FL 34655

EMAIL:

design@thirsty-duck.com

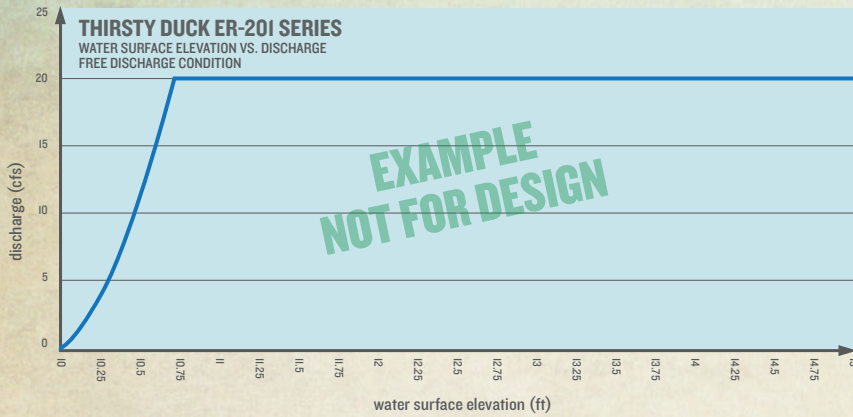
LEARN:

thirsty-duck.com



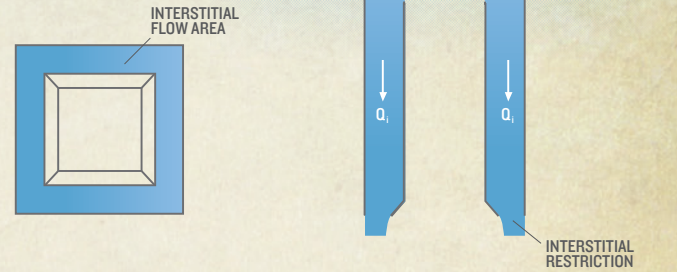
SO HOW EXACTLY DOES IT WORK?

ER-201 SERIES

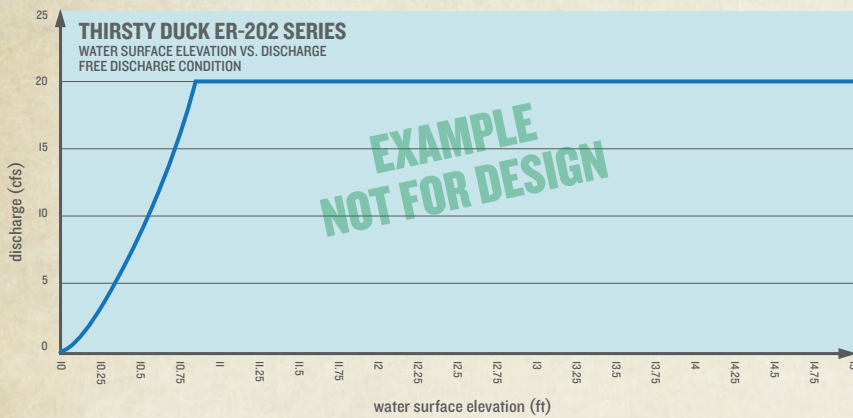


SINGLE RESTRICTION CONFIGURATION

$$Q_{\text{Total}} = Q_i$$

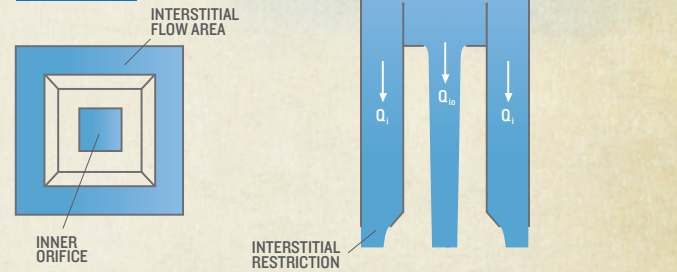


ER-202 SERIES

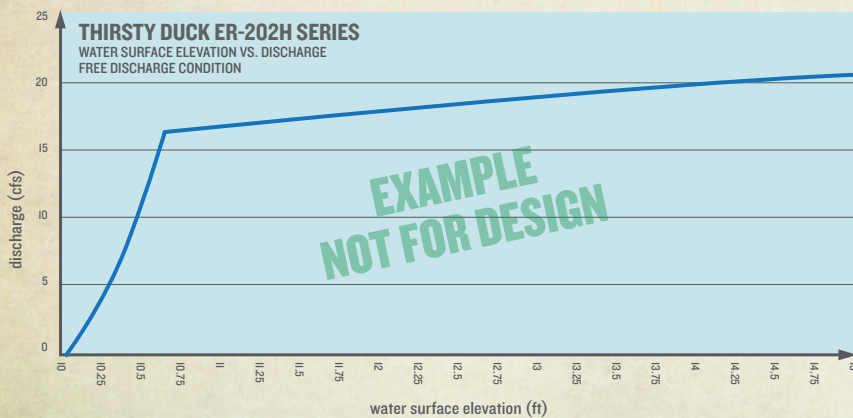


DUAL RESTRICTION CONFIGURATION

$$Q_{\text{Total}} = Q_i + Q_{io}$$

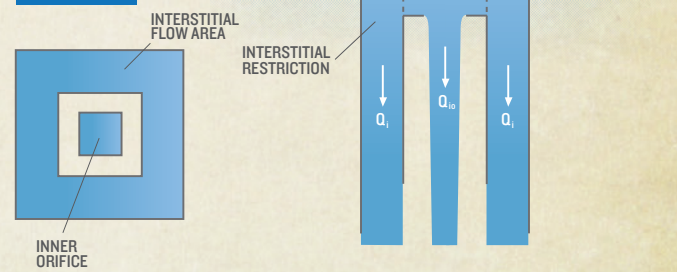


ER-202H SERIES



HYBRID CONFIGURATION

$$Q_{\text{Total}} = Q_i + Q_{io}$$



* Example rating curves. Please contact Thirsty Duck for a custom designed rating curve optimized for your unique project.

