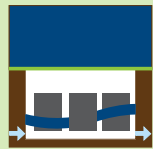




CONTECH[®]
ENGINEERED SOLUTIONS

Jellyfish[®] Filter



Solutions
Guide

Scan Me!

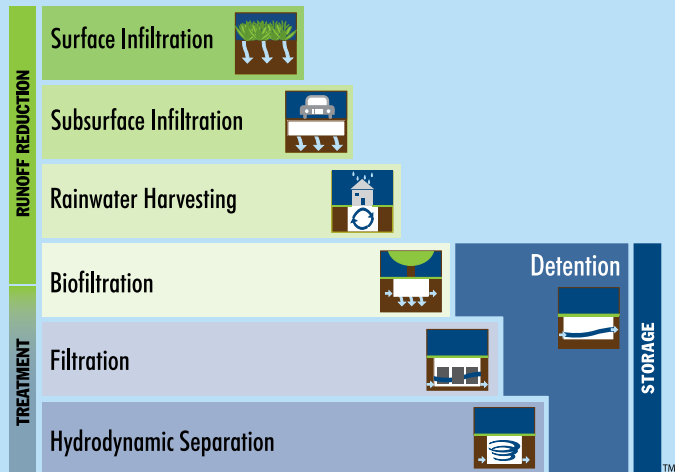


URBANGREEN[™] 

UrbanGreen™ Stormwater Solutions from Contech®

Selecting the right stormwater solution just got easier...

It's simple to choose the right low impact development (LID) solution to achieve your runoff reduction goals with the Contech UrbanGreen Staircase. First, select the runoff reduction practices that are most appropriate for your site, paying particular attention to pretreatment needs. If the entire design storm cannot be retained, select a treatment best management practice (BMP) for the balance. Finally, select a detention system to address any outstanding downstream erosion.



© 2013 Contech Engineered Solutions LLC

Jellyfish » Innovative Treatment

As a part of the Contech Stormwater portfolio, the Jellyfish® Filter is yet another example of the excellence you've come to expect from Contech Engineered Solutions. The Jellyfish Filter has set a new standard in stormwater filtration using membrane technology, out performing other BMPs with a much smaller footprint, greater design flexibility and lower long-term maintenance cost!



➤ To view the *Jellyfish Filter Maintenance Animation*, visit: www.ContechES.com/jellyfish



Jellyfish[®] Filter

Features

- High surface area, high flow rate membrane filtration
- Highest design treatment flow rate per cartridge (up to 80 gpm (5 L/s))
- Low driving head (typically 18 inches or less (457 mm))
- Lightweight cartridges with passive backflush
- 3rd party verified field-performance per TARP protocol

Benefits

- Long-lasting and effective stormwater treatment
- Compact system with small footprint
- Fewer cartridges required
- Superior pollutant capture
- Easy maintenance and low life-cycle cost

Filtration

High Performance Membrane Filtration

- Pleated tentacles provide effective removal of fine sand and silt sized particles.
- Removes a high percentage of particulate-bound pollutants including nutrients, metals and hydrocarbons.
- High surface area membranes ensure long-lasting treatment.

Extended Filter Life

- During filtration, vibrational pulses dislodge sediment from the membrane surfaces.
- After every storm peak, filtered water back-washes membrane filtration tentacles.
- Sediment is continuously removed from the tentacles by gravity.



Pretreatment

- Separation skirt traps oil, trash and debris outside the filtration zone.
- Sand size particles settle below the cartridges in the sump.



Approvals

- New Jersey Corporation for Advanced Technology (NJCAT) – Field Performance Verification per TARP Tier II Protocol
- New Jersey Department of Environmental Protection (NJDEP) - Certification
- Washington State Department of Ecology (TAPE - CULD)
- Maryland Department of the Environment (MDE)
- Ontario Ministry of Environment - New Environmental Technology Evaluation (NETE) - Certification
- Texas Commission on Environmental Quality (TCEQ)

Jellyfish » Field-Tested Performance

Pollutant Removal Results

- TSS 89%
- Total Phosphorus 60%
- Total Metals >50%
- Turbidity <15 NTU
- Trash 100%

Next Steps

Learn More

Access project profiles, photos, installation guides and more online at www.conteches.com/jellyfish

Connect with us

We're here to make your job easier – and that includes being able to get in touch with us when you need to.

- ➔ Call us at **800-338-1122**
- ➔ Find a local rep at www.ContechES.com/ConnectwithContech

While you're there, be sure to check out our upcoming seminar schedule or request an on-site technical presentation.



©2013 CONTECH ENGINEERED SOLUTIONS LLC

800-338-1122

www.ContechES.com

All Rights Reserved. Printed in the USA.

Contech Engineered Solutions LLC provides site solutions for the civil engineering industry. Contech's portfolio includes bridges, drainage, sanitary sewer, stormwater and earth stabilization products. For information on other Contech division offerings, visit www.ContechES.com or call 800.338.1122.

Get Social With Us!



Jellyfish Bro 6/13

NOTHING IN THIS CATALOG SHOULD BE CONSTRUED AS AN EXPRESSED WARRANTY OR AN IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. SEE THE CONTECH STANDARD CONDITIONS OF SALE (VIEWABLE AT WWW.CONTECHES.COM/COS) FOR MORE INFORMATION.

We print our brochures entirely on Forest Stewardship Council certified paper. FSC certification ensures that the paper in our brochures contain fiber from well-managed and responsibly harvested forests that meet strict environmental and socioeconomic standards.

FSC

Printed with soy inks