



HIGH PERFORMANCE AQUATIC TECHNOLOGY

# Flow Control Model 16000

## 2005 Pricing and Specifications Sheet

AquaMats® for Flow Control are designed to be used for MECHANICAL FLOW DIVERSION. AquaMats® for Flow Control have low surface area characteristics which are EFFECTIVE at disrupting laminar flow and viscous drag (which slows the velocity of water currents).



AquaMats® for Flow Control may be used in many fresh and marine water applications to reduce turbulence and precipitate suspended particulate matter. The primary applications include:

- **Lake Restoration Programs** to reduce sediments in suspension, particularly in mitigation of wind-related resuspension of shallow lakes...
- **Constructed Wetland Programs** to control localized channelization or to redistribute hydraulic loads from one area to another selected area...
- **SAV Programs** to reduce flow and sediment load in areas selected for re-establishment of a natural macrophyte population...
- **Aquaculture Recirculation Programs** to minimize the size of sedimentation ponds or enhance operation of current sedimentation facilities.

### USAGE RECOMMENDATIONS (MODEL 16000)

Customized installation recommendations are available. Contact us by email at [info@aquamats.com](mailto:info@aquamats.com) or by phone at (301) 937-1240 to arrange for engineering consultation on your application. Generally, we will need detailed information about the area to be treated with AquaMats® for Flow Control including the water depth, bottom profile, suspended solids load, sediment analysis and average wind conditions. For remediation of channelized areas in constructed wetlands, Meridian will need the width of the broadest point of the channel as well as average water depth information.

MODEL NUMBER - 16000	
Deployment Format	BDF
Suggested Retail Price	\$ 85
- Terms	Net 30

PACKAGING INFORMATION AND OPTIONS	
OPTION 1	
Box Type	SMALL
Quantity Per Box	TEN (10)
SKU	02810268106004
Pkg. Dimensions (LxWxH)	36x21x20
Pkg. Weight	24 lbs.
OPTION 2	
Box Type	GAYLORD
Quantity Per Box	SIXTY (60)
SKU	04810268106002
Pkg. Dimensions (LxWxH)	58x41x45
Pkg. Weight	176 lbs.

### PRODUCT CONSTRUCTION

1. Height (Strands In Water) - 60" Tall, Strand Width - 1"
  - Strands may be trimmed to fit various water depths
2. Ballast Length - 80" Long
  - Unfilled ballast, to be filled at installation site by customer

### PRODUCT FEATURES & OTHER BENEFITS

1. Highly durable. ASTM D751 measurements indicate minimum tensile warp and weft strength of 200 pounds.
2. "Reactive Intelligence". This unique feature permits high wave energy events to pass without damage to the product, unlike solid barriers.
3. Eco-Friendly. Manufactured from food-grade polymers that are biologically inert and are highly UV resistant.
4. Easy to Install. May be deployed from shore or by boat.
5. Reusable. Highly portable and may be moved from site-to-site easily, if needed.
6. 2-Yr Warranty

### IMPORTANT INFORMATION

1. Distributors MUST order by the pallet. NO MIXING of product lines is permitted.
2. Individual pallets may contain ONE (1) Gaylord or TWELVE (12) Boxes.
3. FREE SHIPPING IN USA for FOUR (4) Gaylords or TWO (2) pallet minimum.

### CONTACT INFORMATION

Meridian Aquatic Technology, LLC  
4061 Powder Mill Road, Suite 100  
Calverton, Maryland USA 20705  
301-937-1240 (P) 301-595-9361 (F)  
[www.aquamats.com](http://www.aquamats.com) [info@aquamats.com](mailto:info@aquamats.com)