



**OMAX®**

A Hypertherm Associates Brand

# Laminar Filter



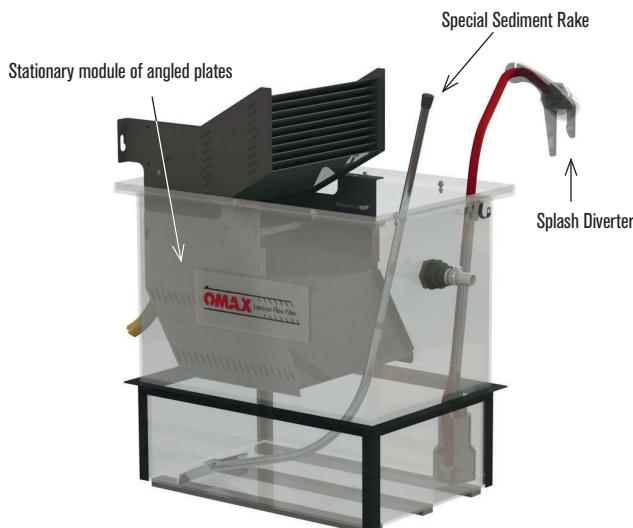
This settling tank efficiently cleans overflow water from the Catcher Tank for required recycling through a Closed Loop System (CLS) or for environmental disposal. When water enters the OMAX Laminar Filter, an ideal gravitational filtering process begins in the unit. The accessory contains angled plates that organize the water flow in a slow moving laminar manner. Small, lightweight particles fall a short distance before contacting the plates, where they stick together and are trapped. Clean water exits to a CLS or a disposal drain while sediment falls to the bottom of the tank, where routine removal is made easy with the integrated sediment pump system.

## Highlights

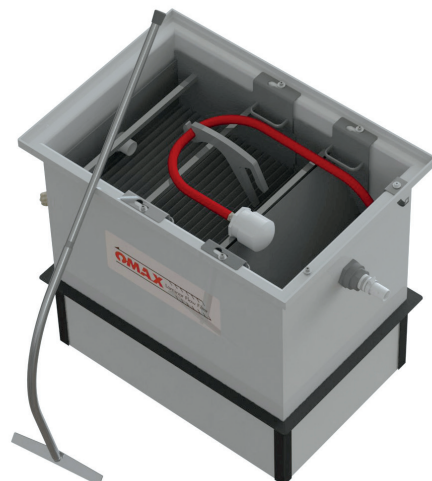
- Convenient hose for directing clean water to a Closed Loop System or drain
- Rust-proof construction
- Complete cleaning system includes Sediment Pump, Splash Diverter, and Special Sediment Rake
- Hose and Splash Diverter are conveniently stored inside the Laminar Filter tank

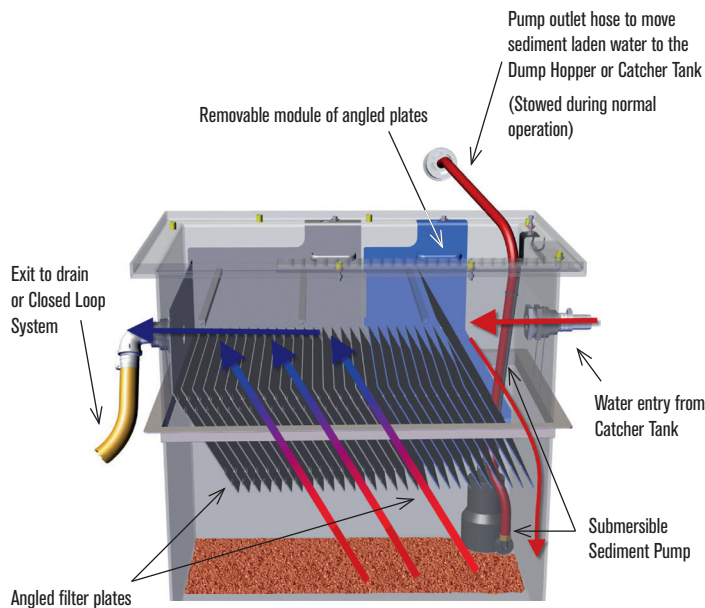
## Features & benefits

- Available for both OMAX and MAXIEM® JetMachining® Centers
- Standard Catcher Tank hose fits directly to the Laminar Filter
- Modules of angled plates create laminar water flow to filter particles
- Submersible sediment pump with ground fault circuit interrupter moves sediment laden water to a Dump Hopper or Catcher Tank
- Custom rake included for pulling sediment to pump during cleaning
- Water returning to a Closed Loop System is cleaner, extending the life of the CLS filter
- Laminar water flow efficiently removes finer particles from water
- Easier to clean unlike other settling tanks or bag inserts
- Offers a means to comply with regional waste disposal regulations
- Low operating cost: no expensive filters or bags to replace



When cleaning the tank, the removable angled plate module can be lifted from the accessory unit. An operator can clean out the sediment from under the stationary angled plates by using the Special Sediment Rake.





**Water Filtration Process:** Red/blue arrows indicate a slow moving, laminar water flow ideal for the maximum settling of small and lightweight particles

## System Specifications

- Submersible pump: 120 V, 60 Hz, 1 PH, ¼ hp or less, thermally protected, cord-connected, with GFCI, UL or CSA
- 10 ft hose and fittings for sending clean water to a Closed Loop System or down the drain
- 15 ft sediment pump hose with Splash Diverter

## Options

- Submersible pump: 220 V, 50 Hz, 1 PH, ¼ hp or less, thermally protected, cord-connected, with PRCD, CE-marked

## World-class service, support and innovation for advanced abrasive waterjet systems

OMAX, part of Hypertherm Associates, sets the standard for service and support in the waterjet machine tool industry. It starts with a rigorous certification program at OMAX in Kent, Washington where OMAX direct and distributor technicians are trained to install, operate and maintain OMAX abrasive waterjet systems. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. Customers have a number of contact options to suit their schedules and needs, including an extensive library of online resources. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how an OMAX abrasive waterjet system can save you time and money, call or visit our website and request a free part analysis today.



For more information, visit: [www.omas.com](http://www.omas.com)

Unless otherwise noted in the collateral, all trademarks are property of Hypertherm, Inc. and may be registered in the United States and/or other countries. All other trademarks are the properties of their respective owners.

Please visit [www.omas.com/patents](http://www.omas.com/patents) for more details about Hypertherm Associates patent numbers and types.

© 4/2025 Hypertherm, Inc. Revision 1  
MKT065



As 100% Associate owners, we are all focused on delivering a superior customer experience. [www.hyperthermassociates.com/ownership](http://www.hyperthermassociates.com/ownership)

Environmental stewardship is one of Hypertherm Associates' core values. [www.hyperthermassociates.com/environment](http://www.hyperthermassociates.com/environment)

100% Associate-owned

