



**HYPERTHERM
ASSOCIATES™**

Abrasive Regulator III

The most precise abrasive regulator in its class



Built for accuracy and efficiency. Built with unmatched flexibility.

Why it's better

Abrasive composes the largest percentage of operating cost, and its optimal use is vital to the success of your waterjet operation. Hypertherm Associates has developed an abrasive regulator that provides extreme precision, accuracy, and versatility to enhance the cutting process and reduce the overall costs associated with wasted abrasive.

Built to last

Ideally suited for:

- Optimizing abrasive consumption
- Performing flexible production
- Complementing a new waterjet system
- Retrofitting existing equipment

Regulator highlights

Unprecedented precision

- 30 precision settings from 0–2.2 lbs/min (0–1 kg/min)
- On-the-go adjustment with no interruption to the cutting process
- Eliminates wasted abrasive by fine tuning delivery
- Improves consistency with settings/dial

Performance monitoring

- Acrylic canister allows for visual confirmation of the abrasive delivery during the cutting process
- Abrasive reference guide for user convenience

Easy operation

- Air-to-open and air-to-close control
- Spring-loaded dowel pins to ensure smooth opening and closing.

Specifications

Physical	
Flow rate	0–2.2 lbs/min (0–1 kg/min)
Operating control	Air-to-open/close
Net weight	4.1 lbs (1.86 kg)
Length	5.3" (134.6 mm)
Width	2.5" (63.5 mm)
Height	12.3" (312 mm)

Operator convenience

- Built-in back-flow diverter inhibits water from reaching internal components.
- Quick-connect fitting allows for fast and easy removal of plugs from the abrasive line
- No-tool design makes it easy to inspect and clean internal components when necessary
- Captive screws hold the bottom cover on, eliminating the possibility for nuts to drop into the tank
- Press-fit pins eliminate the potential of the shoulder bolts falling out

Simple installation

- Two holes on the mounting plate allow convenient mounting near the cutting head
- Adapts to any cutting system due to its compact and lightweight design
- Output funnel rotates 360 degrees accommodating different mounting locations

About Hypertherm Associates

Hypertherm Associates brings decades of experience, rigorous research, and ongoing product development to everything we do. The combination of intelligent design and quality manufacturing result in a product that delivers maximum longevity and reliability.

To learn more contact customerservicewaterjet@hypertherm.com
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