



# Abrasive Regulator II

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 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

Hypertherm 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.

## 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

### 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 shoulder bolts ensure smooth opening and closing

### 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

### 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



## Designed for flexibility

“Our old system had one setting. The Regulator II has 30 settings. We can now change the abrasive flow depending on material and thickness, while still maintaining quality edges.”

– Joe Cunningham, C & C Precision Machine

## Rapid response

“With a turn of a dial, our shop can fine tune the amount of abrasive being delivered to the cutting head instantly, no more changing disc. We like the instant feedback and the flexibility.”

– Mike Hanson, Hydro Cut

## 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)

For the location nearest you, visit:  
[www.hypertherm.com](http://www.hypertherm.com)

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One of Hypertherm's long-standing core values is a focus on minimizing our impact on the environment. Doing so is critical to our, and our customers' success. We are always striving to become better environmental stewards; it is a process we care deeply about.

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