TECHNICAL SPECIFICATION

KUUL FIREPRO DE

Kuul FirePro DE™ is a technologically advanced drift eliminator that surpasses specifications for drift rates without placing undue stress on cooling fans. It allows for higher velocities, which means air-handling units can be more compact. The design of DE media ensures droplet carryover is never a problem for your system - cooling pumps may be switched on at maximum system airflows without the risk of water entrainment. Kuul Firepro DE materials meet strict UL 900 standards.

When designing this product, our engineers listened to what customers were saying and responded. The flute angle configuration was specifically developed to give Kuul FirePro DE increased rigidity to withstand the higher velocities demanded by the market without bowing or bending. Kuul FirePro DE can absorb as much as five pounds of water per cubic foot of media, enabling heavy entrainment to be captured and drained.

Weights	Dry DE	1.3	lb/ft³
	Fully wet DE	5.8	lb/ft³
Removal capacity per running foot of DE		0.395	gpm

Carryover velocity at maximum removal capacity	800	fpm
Maximum static pressure at carryover velocity	0.138	“H2O
Maximum safe height without horizontal stabiliser	36 *	in
Maximum single piece height available	72	in

* at maximum velocity of 700 fpm

The image to the right represents a few of the sizes of Kuul FirePro DE available from Condair. If you need a custom height, please contact us for more information.

Note: If additional capacity is needed when heavy carryover is expected, a double set of Kuul FirePro DE positioned in series with each other may be used.

• The performance data shown above is independently tested and verified by a third party under required, stringent testing conditions.
• Due to external factors including, but not limited to, installation practices, maintenance practices, water quality, humidity and ambient temperature, results may vary.
• The performance data shown above is based on wet media in optimal environmental conditions.

To Learn More, Visit
www.thekuuleffect.com

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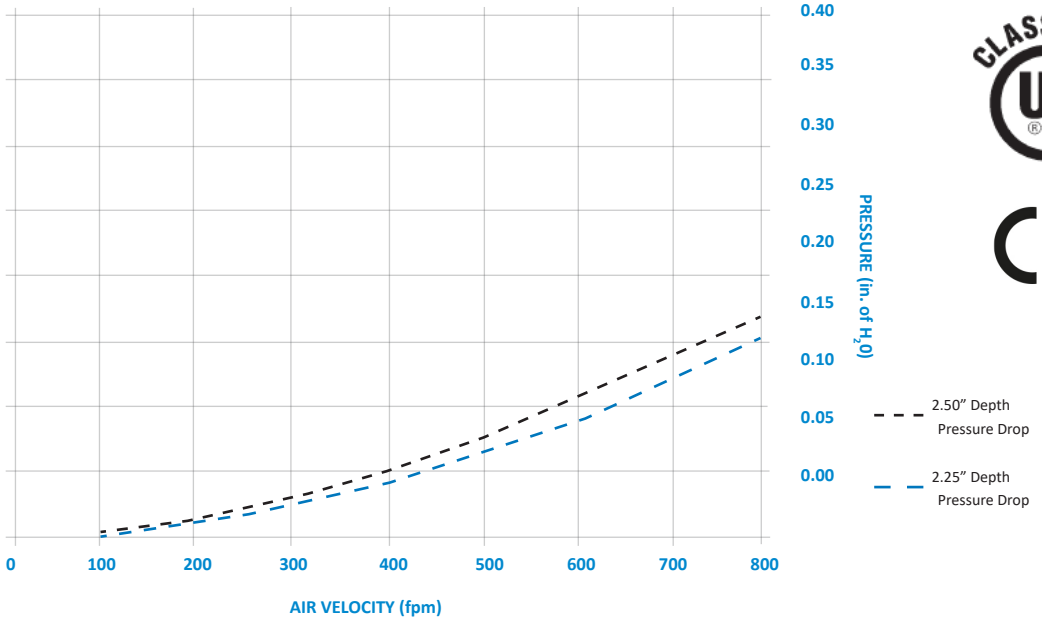
TECHNICAL SPECIFICATIONS AND DESIGN INFORMATION

Kuul Glass Fiber products are engineered to consistently produce the lowest pressure drops of all the evaporative medias on the market. Using Kuul evaporative media will effectively reduce energy consumption and overall cost of operation for your entire system.

KUUL FIREPRO DE
PRESSURE DROP



- The performance data shown above is independently tested and verified by a third party member of The International Federation of Inspection Agents under required, stringent testing conditions.
- Due to external factors including, but not limited to, installation practices, maintenance practices, water quality, humidity and ambient temperature, results may vary.
- For designed face velocities above 675 fpm, DE should be considered in the initial system design.
- Optimal operation temperature range of 36-125°F.

Updated August 1, 2025

For system design advice, please contact Kuul Support for optimum choice. Condair is devoted to sourcing superior materials and manufacturing with the highest quality standards as well as ongoing product development. For current performance data, contact your **Kuul®** evaporative media expert.

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MADE IN USA