

KEIR

Frontiersman Air Wipes

Efficient Patented Design

Durable, Replaceable
Ceramic Inserts

Minimum CFM

All Stainless Steel
Fasteners and Springs

Tough Polymer Housings

Lower dB Levels

Quick Disconnect Mounting
Bracket



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AIR WIPE DESIGNS → →



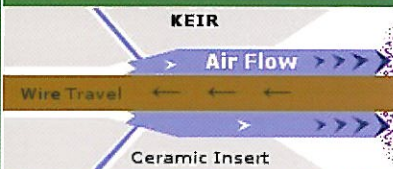
Finally, an Air Wipe that really works!

Just when you had about given up on finding an Air Wipe that would dry your wire completely with compressed air, KEIR has developed a dependable, simple and cost-effective new design. Boldly independent by design, reliable yet thrifty, our **FRONTIERSMAN** makes the most of any situation.

KEIR Frontiersman Air Wipes are custom made to your specified wire diameter. Our air wipes are designed to operate for the designated wire at a standard 60psi or 4.14 bars.

Rugged design provides longer life

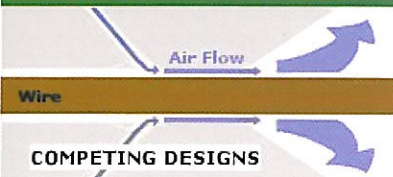
Designed to use the full potential of the compressed air source to perform the work of drying your product, the **FRONTIERSMAN** quietly accomplishes more with less. High density ceramic inserts in a tough polymer housing provide a durable long production life to the **FRONTIERSMAN**. U.S. Patent 5943729 issued 8/31/99



The diagram above illustrates how KEIR air wipes control the decompressed air resulting in a high speed flow back up the wire. The expansion and release of energy generates a substantial increase in air speed which impacts anything on the wire surface with greater force.

What is so unique to KEIR's design?

KEIR's design relies on the controlled use of compressed air which is allowed to decompress to atmospheric pressure within a carefully sized chamber. The air accelerates to nearly the speed of sound in a thin layer surrounding the wire. This release of kinetic energy stored when the air was compressed does far more work than other systems that rely on high volumes of air. The wire path is lined with **high-density ceramic material** for long life. The configuration of the ceramic keeps the wire centered within the airflow.



Two styles to choose from:

KEIR offers two designs that incorporate the same proprietary concept. One is primarily for bare wire consisting of a polymer mounting block with a **high-density, wear-resistant ceramic insert** that is hand pressed into the mount and seals with O-rings. The other is a split design for jacketed wire or cable which opens to allow welds or extrusion bulges to pass through without damage, or is used where it is not practical to thread the wire through an Air Wipe when setting up the line.

Frontiersman Air Wipes
Product of KEIR Manufacturing Inc.

www.KEIRmfg.com

