



FILTER-EX AIR FILTER WITH REPLACEMENT FILTER CARTRIDGE

THERMACUT[®]
THE CUTTING COMPANY[®]

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ADVANTAGES OF USING THE FILTER-EX AIR FILTER.

- **Removes solid particles, aerosols, and moisture from compressed air.**
- **Elimination of the negative effects caused by humidity during cutting.**
- **Extends the service life of the torch and leads.**
- **Reduces the risk of torch damage.**
- **Positive effect on the quality of the cut.**

WHY USE THE FILTER-EX AIR FILTER?

Clean, dry air without oil particles is an essential part of a properly functioning cutting system. The „Filter-Ex“ compressed air filter has been designed to remove moisture, oil aerosols, and particulates coming from the compressed air and provides clean, dry, and oil-free air...essential for plasma cutting systems. It can also be recommended as a supplemental filter for other pneumatic-powered equipment requiring dry compressed air.

If a filter is not used, after a period of time the torch may accumulate sediments, which can cause a short circuit and can damage or destroy the torch. The filter helps to eliminate negative effects caused by undesirable particles or moisture content in the air. This improves not only the cut quality, but also prolongs the life of the cutting system and electrodes.

This filter does not fall under the specification of pressure equipment and doesn't need inspection.



T-12452 - Filter-Ex Air Filter

T-12453 - Cartridge for Air Filter

Technical specification

Filtering Degree:	0.01 μ inch - 0.25 μ m
Maximum Pressure:	125 PSI - 8.5 bar
Maximum Flow @ 80%:	2700 SCFH - 1250 l/min.
Temperature Range:	15 - 140F / -10 +60 °C
Size Pipe:	¼ NPT
Dimension:	Ø 5.2" × 7.9" - Ø 132 × 200 mm

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