



# **FILTER-EX AIR FILTER WITH REPLACEMENT FILTER CARTRIDGE**

## ADVANTAGES OF USING THE FILTER-EX AIR FILTER.

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

## WHY TO USE FILTER-EX AIR FILTER?

Clean and dry air without oil particles is essential part for the proper function of the cutting system. Compressed air filter „Filter-Ex“ 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 system. It can also be recommended as supplemental filtration equipment for air dryers, and main filtration, which are part of the compressor.

If the filter is absent for a certain time, the torch may accumulate sediments, which can cause a short circuit and can do damage or destroy the torch. The filter helps to eliminate effects caused by undesirable particles or moisture condensation in the air, which affects not only the quality of the cut, 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 revision.**



**T-12452 - Filter-Ex Air Filter**

**T-12453 - Cartridge for Air Filter**

### Technical specification

Filtering Degree:	0.01 μinch - 0.25 μm
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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