



MIX S.r.l.

QUALITY MANAGEMENT SYSTEM
ISO 9001:2008 • ISO 14001:2004 • BS OHSAS 18001:2007

**MIXING SYSTEMS AND
COMPONENTS FOR PLANTS**

MIX® FILTER TYPE "SKY" WITH SKYFILTER® TRADEMARK

In addition to the technical information provided in the catalogue SF7 "SKY SERIES FILTER", hereby we underline the MIX® filter advantages:



EXTERNAL PART

External parts exposed to atmospheric agents in AISI 304 / Aluminium, for a longer life time

1



SAFETY SCREW

Safety screw on the cover to avoid tamperings

2

COVER

Wide cover in aluminium alloy, with opening wider than 90°, for maximum access to the inside parts of the SKY Filter

3



GAS CYLINDER

Specific cylinder to avoid accidental closings of the cover

4



IMPULSE MANIFOLDS

Symmetrical manifolds for the cleaning of the filtering elements, made in aluminium casting, for a longer lifetime



HINGE

Strong design construction

5

VALVES

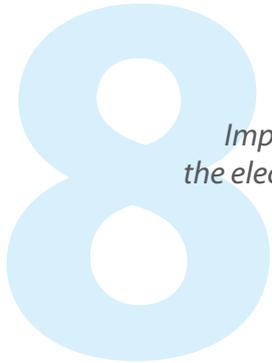
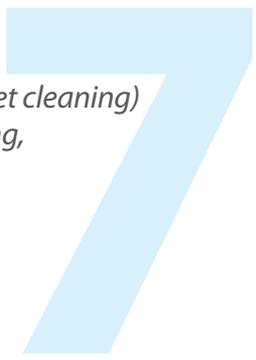
Impulse valves for the cleaning of the filtering elements, with pneumatic control made in aluminium casting for a longer lifetime of this product

6



TANK

Compressed air tank (for jet cleaning) made in aluminium casting, for a longer lifetime



CONTROL BOARD

Electric board for the control of the Impulse valves, with transformation of the electric signal into a pneumatic signal

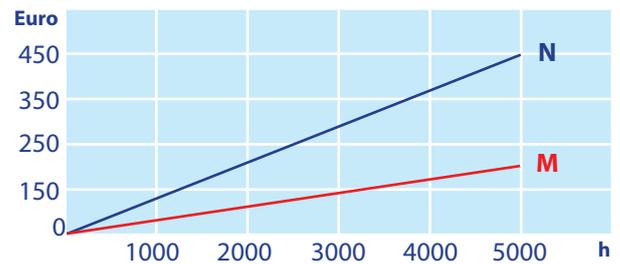


PRE-SEPARATING HOPPER (optional)

The pre-separating hopper located directly under the filter and used to convey the air, therefore helping in the first dust separation.



N: Filter with standard cartridges
M: Filter with SKYFILTER® cartridges



Approximate example of the running cost in Euro depending on the consumption of the compressed air in a 18 m² filter

SAVING OF COMPRESSED AIR

In the **SKY** series, the use of the media type G (SKYFILTER®) in combination with the jet cleaning efficiency (tank / valve / manifolds), allows a feeding pressure of 3 - 4 bar, with an important cost saving and less wear of the filtering elements (= longer life)

FILTERING ELEMENTS:

In the **MIX**® range, there are some available specific filtering elements for different applications.

- All the parts in mild steel have a zinc plated treatment
- Strong design, suitable for hard work
- Absence of electric parts inside the filter, without solenoids on the impulse valves
- The majority of the filter components are the result of INTERNAL DESIGN - RESEARCH - TESTING made by MIX® with the aim of obtaining the best performances
- Most parts of the filter manufacturing is made in metal, with very few plastic parts, for a stronger durability and quality design