



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



SAFETY SCREW

Safety screw on the cover to avoid tamperings

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



GAS CYLINDER

Specific cylinder to avoid accidental closings of the cover



IMPULSE MANIFOLDS

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



HINGE

Strong design construction

VALVES

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



TANK

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



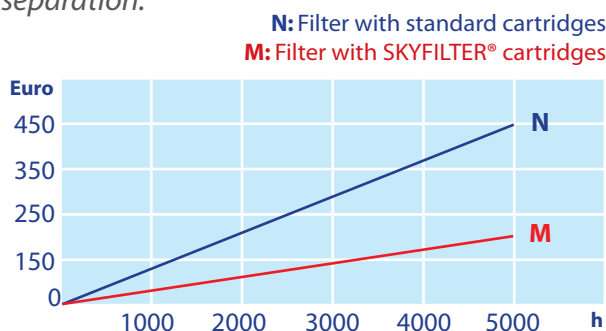
PRE-SEPARATING HOPPER (optional)

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



CONTROL BOARD

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



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