



BAG FILTERS AFIC-N

AFIC-N bag filter is a self cleaning with pneumatic pulse cleaning “ pulse jet” suitable for the use in all industrial processes where are generated dusts of any nature and air flows with particles concentrations, even more elevated.

The seam welded carpentries assure the total filter tightness.

The tangential inlet allows to handle high dusts concentrations wich are forced to separate from gas and to fall into the hopper ,minimizing the abrasion effects on filtering bags and optimizing the air distribution inside the filter body.

The use of upper hinged inspection door makes easy and fast the inspection and maintenance operation of filtering elements which are quickly fixed through “snap ring”.

The upper plenum is equipped with service platform + breastworks and its accessibility is guaranteed by a caged ladder.

The filtering bags automatic cleaning system foreseen the use of “full immersion” high efficiency type electro-valves and ΔP controller to save on compressed air consumption.

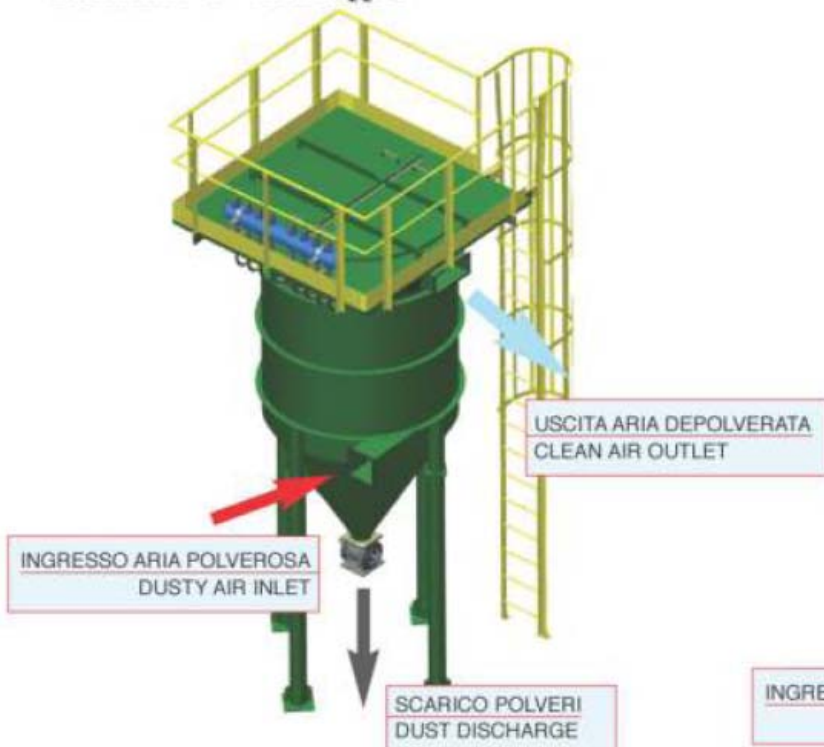
The execution can be standard type for pressure/depressure of 100 mbar or reinforced type for higher values.

AFIC/N series filters standard bags length are : 1.250, 2.000, 2.500, 3.000, 3.500 mm in order to satisfy a flow rate values, with filtering surface between 5 and 114 m². However are available special configurations and sizes.

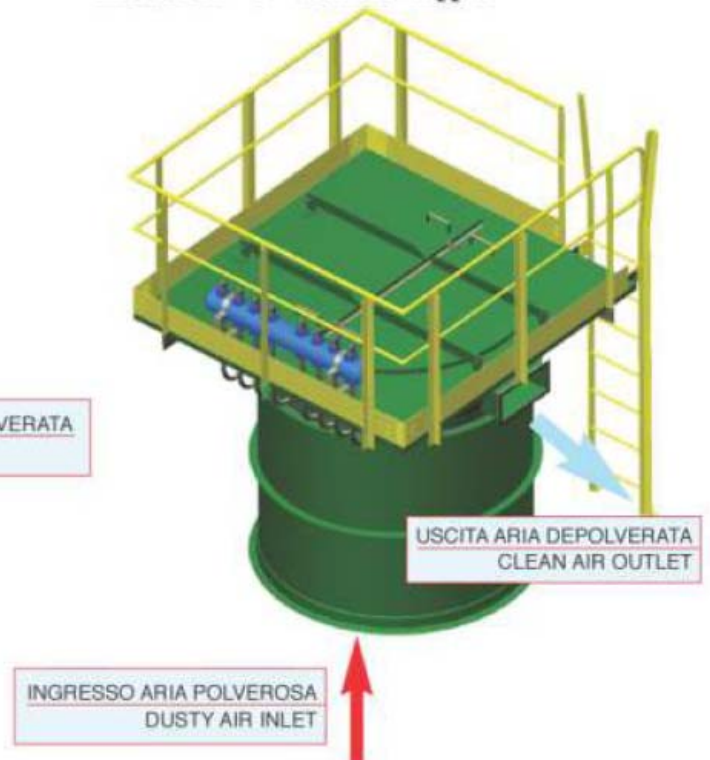
They can be equipped with flange for the application directly to the silos nozzle (S execution) or with conveying hopper to the container or the dust conveying system (T execution).

OPERATION MODE

Esecuzione "T" con tramoggia
Execution "T" with hopper



Esecuzione "S" senza tramoggia
Execution "S" without hopper



Is possible to install controls instruments and accessories as level switch, leak detector, slide gates, explosion vents and fire suppression systems in compliance with NFPA 68-69 and VDI 3673 norms , shaker and electrical heating, davit, anti-falling grid.

Bag filters AFIS/N are ATEX certified (zone 21-22).