



SETIMEP

Engenharia • Ambiente • Energia
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SQUARE FILTER FOR STORAGE SILOS

MODEL:
SET.FM.SLQ.****

EQUIPMENTS DESCRIPTION

Cleaning filter for solid powder storage silo that removes dust from the silo supply operation by a cistern truck or another pneumatic transport.

MAIN COMPOSANTS

Polyester filter bags with snap-ring (quick fixation)
Steel Carbon zinc or epoxy painting cages, venturi incorporated.
Dedusting filter with automatic cleaning system.

CLEANING SYSTEM

Compressed air jets cleaning system by reverse air with 5 diaphragm valves 24 V DC controlled by an electronic sequencer / economizer.

CLEANING SYSTEM COMMAND

STANDARD

External Start / Stop command by the sequencer connection / interruption.

OPTION 1

Automatic Start / Stop by digital temporizer.

OPTION 2

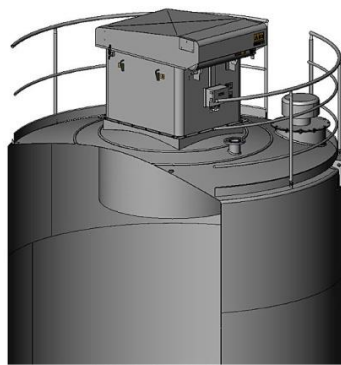
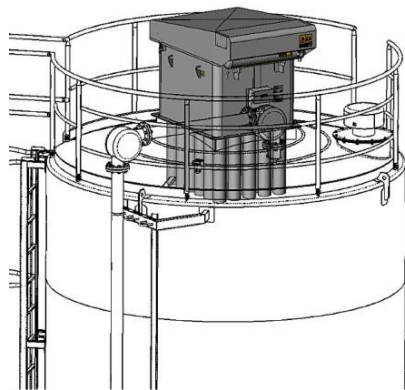
Automatic start and stop by monitoring the bags differential pressure [ΔP]

GENERAL DIMENSIONS

See the annexed general dimensions drawing. Approximate measures; ask us to obtain exact dimensions

CONSTRUCTION TYPE

Stainless steel welded construction AIS 304 (WNR 1.4301), 2B finishing type



OUTRAS CARACTERISTICAS

- 99.6% filtration efficiency / emission less than 5mg/m3.
- Filter elements easy access without the need of tools;
- Superior bonnet with bascule and safety brake;
- Programmable cleaning sequencer for a greater efficiency / lower compressed air consumption;
- Instruction guides available in Portuguese, Spanish, French and English;
- Easy access to the filtration elements
- Compact filter
- Certificate of conformity CE.

OPTIONS

All standard features of this version can be modified. SETIMEP projects new models to approach the specific need, such as: Different filter area; Incorporation of the auxiliary extraction fan, etc.

The main options for this model are:

- Construction performed in carbon steel only with the bonnet in stainless steel.
- Differential measurer of pressure for the automatic start of the cleaning system, according to the differential pressure.
- Intermediate body with or without interior bags protection, to weld the existent silo or adapt the flange of the existent silo.
- Maximum level probe to inform the customer the necessity of casting the dust collector sludge;

MODEL	SET.FM.SLQ.0012	SET.FM.SLQ.0018
Filtration area (m2)	12	18
Weight (kg)	226	210
Consumption A.C / 3bar (Nm3/h)	15	15
Filtration Elements (UNIT)	20	30
Height (mm)	1750	1750
Width (mm)	980	980
Length (mm)	1140	1480