

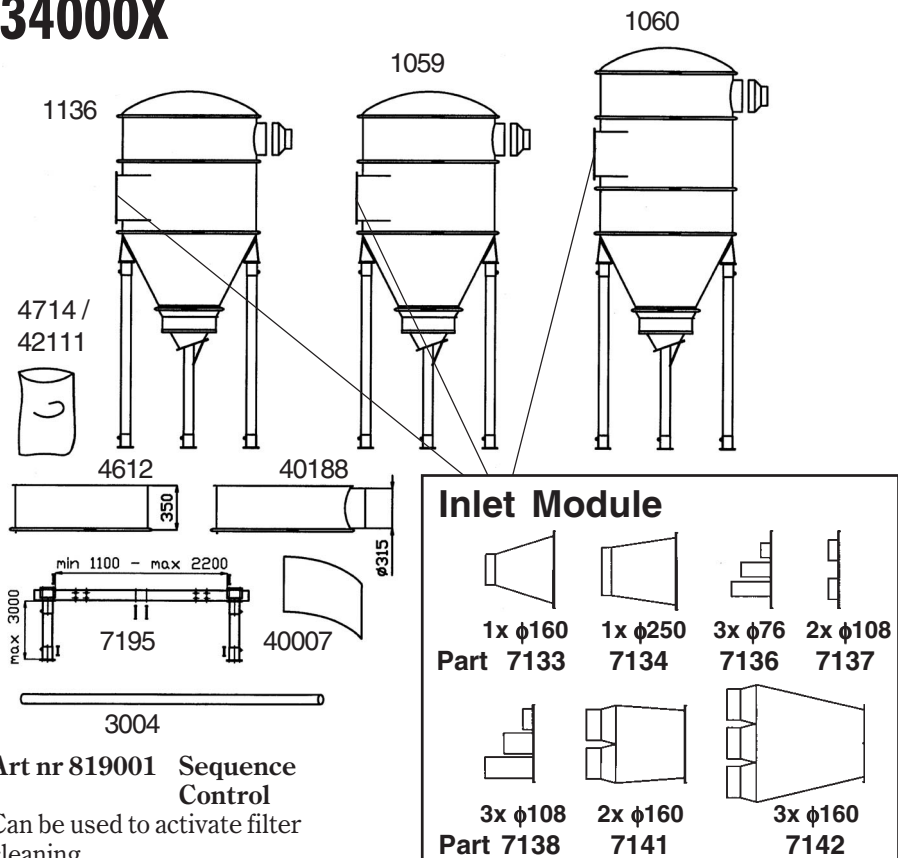
# S 32000, S 34000, S 34000X

**Part No. Description**

- 1136 S 32000
- 1059 S 34000
- 1060 S 34000X
- 4714 Collection Sack, 50 pack
- 42111 Collection Sack, 50 pack Antistatic

The S 34000 is constructed of modules and is therefore very flexible. The inlet module can for example be both rotated and reversed. Additional module rings can be installed to give increased storage capacity of collected material. The X model is equipped with larger filter area and an extra module ring.

S 32000, S 34000 and S 34000X are installed on legs. As standard, extracted material is collected in a plastic bag, alternative discharge options can be selected from pages 28 – 31.



## Accessories

**Part No. 40188 Pressure Relief Module**

Used in applications with explosible materials. The relief module is equipped with a pressure relief port to relieve the pressure wave in a deflagration. The relief port must be relieved to atmosphere in accordance with the prevailing local standards. This module is mounted between the inlet and outlet modules. The filter unit must have material discharge to a closed container, see page 31.

**Art nr 819001 Sequence Control**

Can be used to activate filter cleaning.

**Part No. 7195 Widening Chassis**

Used when collected material is to be deposited in a container up to 1,1 m<sup>3</sup>. Increases width between the legs from 860 mm to 1460 mm.

**Part No. 3004 Steel tube 76 mm Galvanized**

Delivered in 3 m lengths. Used for longer legs when required (standard leg L = 1400 mm).

**Part No. 4612 Module Ring, complete**

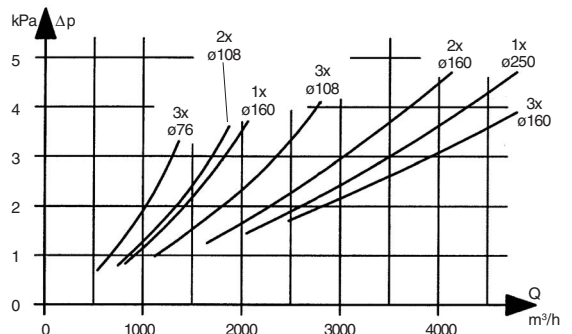
Increases the height of the cyclone by 0,35 m and volume by ca 0.3 m<sup>3</sup>.v

**Part No. 40007 Inlet Wear Plate**

Inlet wear plate for minimizing wall wear on the cyclone when collecting abrasive material.

Dimensions, see next page.

## Pressure Loss



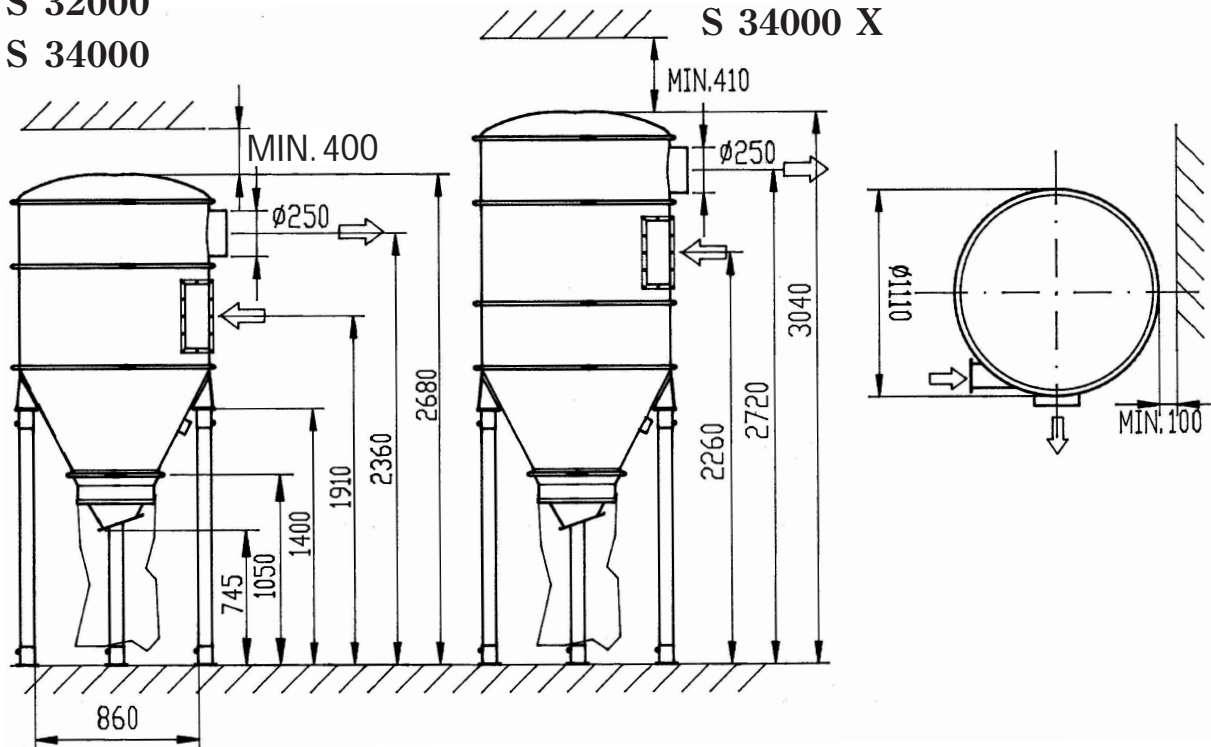
TECHNICAL DATA	S11000/S11000E	S 11000X	S 32000	S 34000	S 34000X
Inlet mm	φ108	φ108	optional	optional	optional
Outlet mm	φ108	φ108	φ250	φ250	φ250
Max Q	1000 m <sup>3</sup> /h*)	1000 m <sup>3</sup> /h*)	2000 m <sup>3</sup> /h*)	4000 m <sup>3</sup> /h*)	5000 m <sup>3</sup> /h*)
<b>Filters: Pleated Polyester Cartridge</b>					
Part No. and pcs	4292 x 1	4284 x 1	4292 x 2	4292 x 4	4284 x 4
Total Filter Area	8.4 m <sup>2</sup>	12.0 m <sup>2</sup>	16.8 m <sup>2</sup>	34 m <sup>2</sup>	48 m <sup>2</sup>
Degree of separation DIN 24184/3	> 99.9 %	> 99.9 %	> 99.9 %	> 99.9 %	> 99.9 %
Application Class according to Bia	C	C	C	C	C
Max temp filter	130 °C	130 °C	130 °C	130 °C	130 °C
<b>Filter cleaning with Reverse Pulse</b>					
Compressed air	4 l/s, 4 bar	4 l/s, 4 bar	4 l/s, 4 bar	4 l/s, 4 bar	4 l/s, 4 bar
Connection, hose	6/8 mm	6/8 mm	6/8 mm	6/8 mm	6/8 mm
El connection	24V AC, 19 VA	24V AC, 19VA	24V AC, 19VA	24V AC, 19VA	24V AC, 19VA

\*) Note: Always consider filter loading, see page 17.

# Dimensions, Arrangements

S 32000

S 34000



## Filter Test Methods

Dustcontrol uses the DIN 24184 test method with test aerosol 3 for the fine filters and the DOP method for Micro/HEPA filters.

There are many different test methods for determining filtration efficiency, among the more common are DIN 24184, DOP, Ashrae 57-68 and BS 3928. The appropriate test method is determined according to which environment the filter is to be used in.

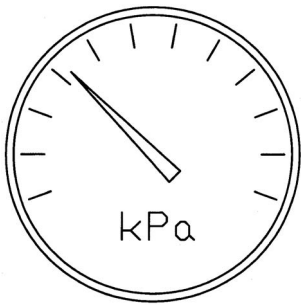
DIN 24184, European standard, is suitable for dusts usually found in industry. This method is used also for radioactive and infectious dusts. The test aerosol 3 is composed mostly of silica dust having a particle size ranging from 1-3µm.

DOP, used for the testing of Micro/HEPA filters and other filters with particularly high filtration efficiencies. The aerosol DOP that is used has a relatively uniform particle size of 0,3 µm. This particle size is the most difficult to filtrate. A filter with efficiency 99,97% or better can be certified an Absolute or HEPA filter.

Ashrae 57-68, is best suited for filters with moderate filtration efficiencies and is too coarse for the measurement of filtration efficiency for harmful dusts. Ratings for these types of filters usually are expressed in relation to the particle size, efficiency and degree of retention.

BS 3928, British Standard, is for use in testing micro/HEPA filters.

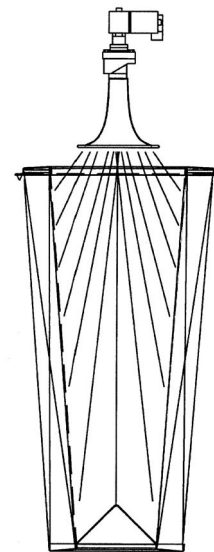
Measurements are comparable with the DOP method but the particulate used for the test has a median size of 0,45 µm.



## Manometer

Part. No 8283

For measuring pressure loss.



Filter cleaning with reverse pulse.