

01 [Top mounted cyclone filter apparatus]

The top mounted cyclone filter apparatus [type 01] can be used for the separation of bulk materials of low bulk density. The prefractorator separates fluffs, husks, "angel hair" and so on from the actual particle. The wear protection at the intake nozzle, which is part of the scope of delivery is made of stainless steel and is exchangeable. The tangential intake nozzle is also supplied in a round shape.

standard version – extent of delivery

- permissible in the food sector
- integrable in existing systems
- corrosion resistance
- material ⇒ seawater proof aluminium
- lightweight construction
- no static problems
- mounting ⇒ divided loose flange
- possibility for the tube to be adaptable
- protective grille
- demountable
- rotatable by 360°

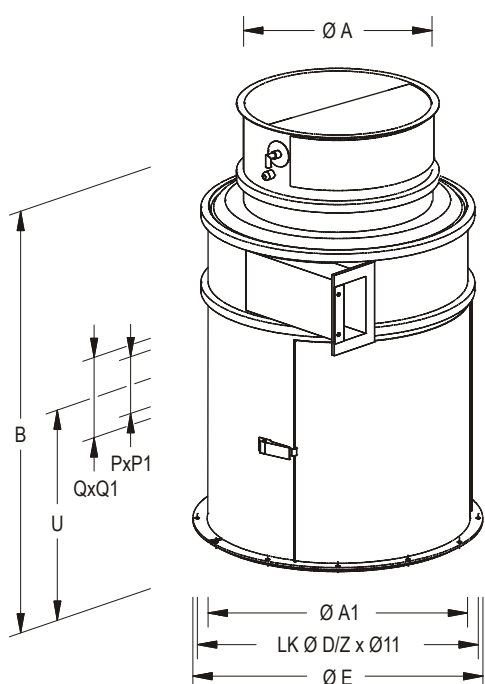
- regeneration ⇒ **C** fully automatic regeneration with compressed air »On-line-operation« [time control]
- jet module with valve box, valves and electronic control
- one compressed air pulse regenerates three filter elements at a time
- operational ⇒ up to 60°C
 - ⇒ from 5000 Pa (500 mmWS) underpressure
 - ⇒ up to 5000 Pa (500 mmWS) overpressure
- power supply ⇒ 230 V AC, 40-60 Hz, 10 W
- compressed air supply ⇒ 3 up to 6 bar
 - ⇒ oil and waterfree
- hose connection ⇒ nominal width 13 mm

alternative options

- material ⇒ stainless steel
 - ⇒ steel
- mounting ⇒ welding ring with clamping ring connection (instead of the divided loose flange), flange, bottom flange
- regeneration ⇒ **F** no regeneration (reservoir-, safety-, police-, storage filter)
 - ⇒ **B** mechanical, semi-automatic regeneration by the shaker motor »off-line-operation« (storage filter with interruption for the regeneration)
 - ⇒ **CD** fully automatic regeneration with compressed air »on-line-operation« [differential pressure control with measure line cleaning]
 - circuit pressure control [NDM] optional
- power supply ⇒ 115 V AC, 40-60 Hz, 10 W
 - ⇒ 24 V DC, 12 W with compressed-air supply 2 up to 4 bar
- for reduced explosion pressure [ST 1]
- other temperatures and pressures on request

additional equipment

- expandable by the modular system (see product sheet »PM-Z...DOC«)



C 01		technical data					size										
type	R	m ²	kg	star filter n	door cm* n	Ø A mm	Ø A ₁ mm	B mm	Ø D mm	Ø E mm	P mm	P ₁ mm	Q mm	Q ₁ mm	U mm	Z mm	
C 01 03/05 064/...-..	03	2,0 - 3,9	45	3	60	1	300	530	1260	590	615	100	60	160	120	820	8
C 01 03/05 104/...-..	03	3,3 - 6,6	49	3	100	1	300	530	1460	590	615	100	60	160	120	920	8
C 01 05/07 064/...-..	05	5,9 - 11,8	78	9	60	1	530	730	1260	790	815	180	100	240	160	820	12
C 01 05/07 104/...-..	05	9,9 - 19,8	86	9	100	1	530	730	1460	790	815	180	100	240	160	920	12
C 01 07/10 064/...-..	07	9,8 - 19,6	115	15	60	1	730	1000	1460	1060	1085	300	130	360	190	920	16
C 01 07/10 104/...-..	07	16,5 - 33,1	122	15	100	1	730	1000	1460	1060	1085	300	130	360	190	920	16
C 01 10/16 064/...-..	10	19,6 - 39,3	185	30	60	1	1000	1600	1460	1660	1700	340	230	400	290	920	24
C 01 10/16 104/...-..	10	33,1 - 66,1	198	30	100	2	1000	1600	1460	1660	1700	340	230	400	290	920	24

* standard length

please complete type with filter media and number of folds (see »PM-TS-01.DOC«)

example: C 01 05/07 064/903-30

