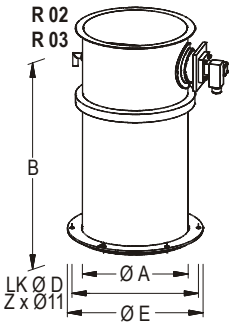
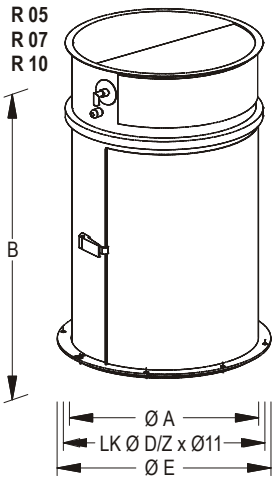
10 [Top mounted filter apparatus]

The top mounted filter apparatus [type 10] is attached to a container and connected with a divided loose flange. It separates the bulk material from the carrier gas. Starting at series 05 the electronic devices and the valve box are installed inside the filter head. There is enough space provided for the installation of all optional add-on modules which control the filter apparatus.

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
- protective grille from serie R 05
- demountable
- rotatable up to 360°
- regeneration ⇒ **C** fully automatic regeneration with compressed air »n-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 mmWG) underpressure
  ⇒ up to 5000 Pa (500 mmWG) 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)
- 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
- pressure shock resistant up to 10 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 10			technical data				size				
type	R			star filter		door	Ø A	B	Ø D	Ø E	Z
		m²	kg	n	cm*	n	mm	mm	mm	mm	n
C 10 02 024/...-..	02	0,2 - 0,4	9	1	20	0	200	560	230	265	6
C 10 02 044/...-..	02	0,4 - 0,9	10	1	40	0	200	860	230	265	6
C 10 02 064/...-..	02	0,7 - 1,3	11	1	60	0	200	860	230	265	6
C 10 02 104/...-..	02	1,1 - 2,2	12	1	100	0	200	1260	230	265	6
C 10 03 024/...-..	03	0,6 - 1,2	17	3	20	0	300	625	360	385	6
C 10 03 044/...-..	03	1,3 - 2,6	19	3	40	0	300	925	360	385	6
C 10 03 064/...-..	03	2,0 - 3,9	20	3	60	0	300	925	360	385	6
C 10 03 104/...-..	03	3,3 - 6,6	24	3	100	0	300	1325	360	385	6
C 10 05 044/...-..	05	3,9 - 7,7	51	9	40	1	530	725	590	615	8
C 10 05 064/...-..	05	5,9 - 11,8	56	9	60	1	530	925	590	615	8
C 10 05 104/...-..	05	9,9 - 19,8	64	9	100	1	530	1435	590	615	8
C 10 07 044/...-..	07	6,5 - 12,9	68	15	40	1	730	725	790	815	12
C 10 07 064/...-..	07	9,8 - 19,6	74	15	60	1	730	925	790	815	12
C 10 07 104/...-..	07	16,5 - 33,1	81	15	100	1	730	1435	790	815	12
C 10 10 044/...-..	10	12,9 - 25,8	108	30	40	1	1000	725	1060	1085	16
C 10 10 064/...-..	10	19,6 - 39,3	123	30	60	1	1000	925	1060	1085	16
C 10 10 104/...-..	10	33,1 - 66,1	142	30	100	2	1000	1435	1060	1085	16

* standard length

please complete type with filter media and number of folds (see »PM-TS-01.DOC«)
example: C 10 05 064/903-30

number of folds
filter media
star filter