

Cricketfilter®

WET CAKE DISCHARGE

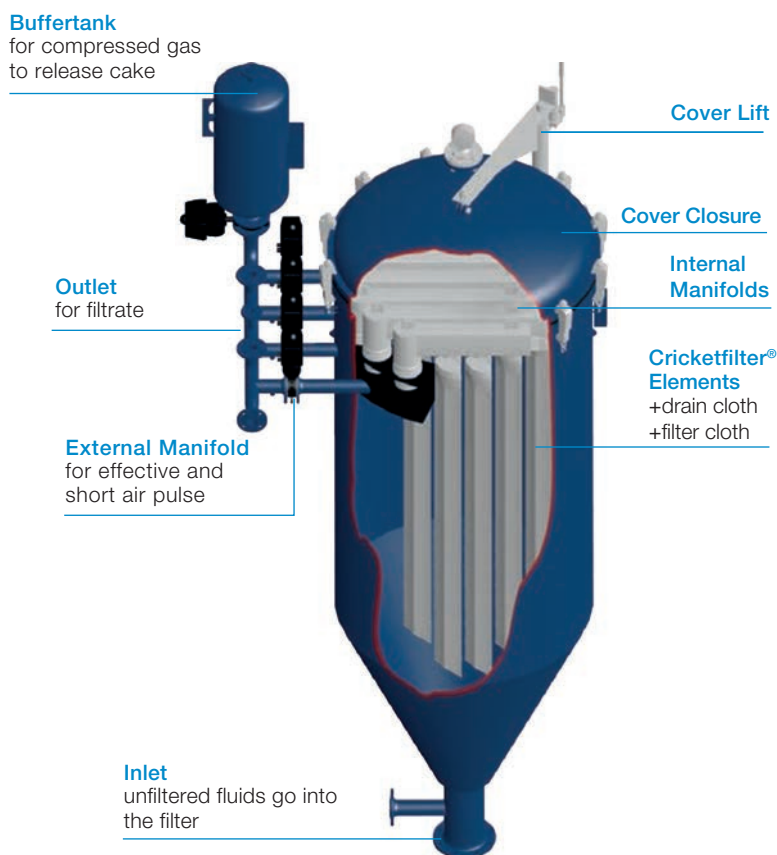
The Cricketfilter® was successfully launched in 1990 and has since been installed in over 1,000 industrial and food applications globally. It has become a well-established pressure filter, developed to combine the advantages of pressure leaf filters and cartridge/candle filters whilst avoiding their drawbacks.

The Cricketfilter® is especially suited for separating fine solids from fluids, widely deployed in applications such as edible oil, gelatine, cocoa butter, sugar, sweeteners, oleo chemicals, mining and amine cleaning. The Cricketfilter® offers versatility for a wide range of applications while providing confidence in critical environments.

It is available as a standard in stainless steel 316L. Carbon steel and other special alloy materials, design pressures/temperatures and design codes can be provided upon request.

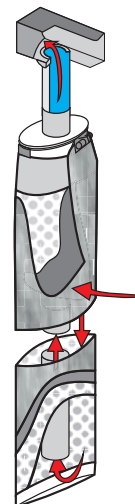
FEATURES AND BENEFITS

- Up to 40% larger filtration area than traditional pulse tube filter systems
- Large filtration area within a small footprint
- Hermetically closed system and can be fully automated
- Suitable for direct cloth filtration or precoat/body-aid filtration
- High filtrate quality
- The Cricketfilter® is simple to clean. It uses air or gas pulses for cleaning the elements section by section, without requiring a vibrator
- Low maintenance
- Suitable for a wide range of applications
- The Cricketfilter® can be used with filter cloths of various pore sizes and materials. This reduces and at times eliminates the amount of extrapre-coating needed, making filtration more economical.
- Cricketfilter® automation. It is possible to automate, therefore ensuring low necessary maintenance.



STANDARD DESIGN DATA

Criteria	Detail
Tank Material	Stainless Steel, others upon request.
Filter Elements Material	Stainless Steel
Design Pressure	-1/6 bar(g)
Desing Temperature	-10/150 °C (depending on filter cloth)
Max. allowable pressure drop	4.5 bar
Design Approval	ASME VIII Div. 1, others upon request. PED 2014/68/EU, SELO 02257 (China) , TR CU (EACU), U Stamp



SPECIFICATIONS

Model	Filter area m ²	Element length mm	Element spacing mm	Cake volume dm ³	Filter volume dm ³	Inlet / Outlet DN	Filtrate outlet DN	Vent DN	Cake discharge DN
SMALL ELEMENT SPACING									
800W-11/1000-58	11	1000	58.0	140	870	50	2x50	65	100
800W-16/1500-58	16	1500	58.0	210	1110	50	2x50	65	100
1000W-27/1500-58	27	1500	58.0	350	1810	65	4x50	65	150
1200W-42/1500-58	42	1500	58.0	540	2750	100	4x50	65	200
1200W-35/1500-68	35	1500	67.5	520	2750	100	4x50	100	200
1200W-58/2500-68	58	2500	67.5	870	3870	100	5x80	100	200
1400W-78/2500-68	78	2500	67.5	1170	5420	150	5x80	100	200
1600W-108/2500-68	108	2500	67.5	1610	7280	150	6x80	150	250
1800W-139/2500-68	139	2500	67.5	2090	9400	150	6x100	150	250
2000W-180/2500-68	180	2500	67.5	2710	11900	200	7x100	150	300
2200W-222/2500-68	222	2500	67.5	3340	14720	200	9x100	150	300
2400W-272/2500-68	272	2500	67.5	4080	17920	200	9x100	150	300
MEDIUM ELEMENT SPACING									
800W-7.4/1000-80	7.4	1000	80	150	870	50	2x50	50	100
800W-11/1500-80	11.0	1500	80	220	1110	50	2x50	50	100
1000W-19/1500-80	19.0	1500	80	370	1810	65	3x50	65	150
1200W-26/1500-90	26.0	1500	90	580	2750	100	3x65	80	200
1200W-44/2500-90	44.0	2500	90	960	3870	100	3x65	80	200
1400W-62/2500-90	62.0	2500	90	1370	5420	100	4x65	100	200
1600W-81/2500-90	81.0	2500	90	1770	7280	150	5x80	100	200
1800W-105/2500-90	105.0	2500	90	2310	9400	150	5x100	150	250
2000W-137/2500-90	137.0	2500	90	3020	11900	150	6x100	150	250
2200W-169/2500-90	169.0	2500	90	3720	14720	200	7x100	150	300
2400W-208/2500-90	208.0	2500	90	4580	17920	200	8x100	150	300
LARGE ELEMENT SPACING									
1200W-22/1500-110	22	1500	110	640	2750	80	3x65	80	200
1200W-37/2500-110	37	2500	110	1070	3870	80	3x65	80	200
1400W-29/1500-110	29	1500	110	850	5420	100	3x65	100	200
1400W-49/2500-110	49	2500	110	1420	5420	100	3x65	100	200
1600W-69/2500-110	69	2500	110	2000	7280	150	4x80	100	250
1800W-90/2500-110	90	2500	110	2610	9400	150	5x100	150	250
2000W-109/2500-110	109	2500	110	3170	11900	150	5x100	150	300
2200W-138/2500-110	138	2500	110	4010	14720	150	7x100	150	300
2400W-170-2500/110	170	2500	110	4920	17920	200	7x100	150	300

Other models available upon request.

Dimensions are for reference only. Subject to technical alteration without prior notice.

