

MJB-H

Posefilter



MJB-H omfatter en serie robuste alsidige filterenheder, som bygger på erfaringerne fra MJB posefilteret.

Ved at kombinere to-trins rensning med den patenterede UniClean teknologi, opnås maksimal renseseffektivitet med et meget lille energiforbrug og minimal vedligeholdelse.

AI vedligeholdelse foregår fra toppen af filteret.

Det module design er optimeret for sø- eller biltransport.

Det giver også øget fleksibilitet når filteret skal monteres.

Filter størrelser på fra 295 m² til 1770 m² findes som forsamlede enheder.

Det module design gør at større enheden kan opbygges og eksisterende let kan udbygges hvis nødvendigt.

Egenskaber

Robust svejst stålkonstruktion

Alsided modulopbygget design

Vejrfast til udsatte placeringer

Rågaskammer kan leveres som plader for effektiv sø- eller biltransport.

Let at udvide eller flytte hvis nødvendigt

Effektiv rensning med UniClean teknologi

Integreret forudskillelsessektion

Nedadgående/krydsende luftstrøm så støvhåndteringskapaciteten maksimeres

Minimal vedligeholdelse, adgang fra toppen af filteret

Filterposer i to længder

Højere temperaturer mulig inkl. opvarming og isolering

ATEX kompatibel til eksplosivt støv

Produkt navn	MJB-H
Installation	Udendørs
Metode for filterrensning	Trykluft
Applikation	Støv
Arbejdstryk (kPa)	Standard: -6,0 til 2,0 Option: -10,0 til 5,0
Filterareal (m²)	295 to 1770
Kapacitet (max luftvolumen m³/h)	190000
Driftstemperatur	Max. 220° C
Type af filter	Filterpose



Støv

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Antal filter	Vægt (kg)	Model
10	4350 (without hopper)	MJB295/H/10-10
12	4919 (without hopper)	MJB354/H/12-10
16	6571 (without hopper)	MJB472/H/16-10
18	7136 (without hopper)	MJB531/H/18-10
20	7701 (without hopper)	MJB590/H/20-10
22	8270 (without hopper)	MJB649/H/22-10
24	8839 (without hopper)	MJB708/H/24-10
26	9922 (without hopper)	MJB767/H/26-10
28	10487 (without hopper)	MJB826/H/28-10
30	11052 (without hopper)	MJB885/H/30-10
32	11621 (without hopper)	MJB944/H/32-10
34	12190 (without hopper)	MJB1003/H/34-10
36	12759 (without hopper)	MJB1062/H/36-10
38	13838 (without hopper)	MJB1121/H/38-10
40	14403 (without hopper)	MJB1180/H/40-10
42	14972 (without hopper)	MJB1239/H/42-10
44	15541 (without hopper)	MJB1298/H/44-10
46	16110 (without hopper)	MJB1357/H/46-10
48	16679 (without hopper)	MJB1416/H/48-10
50	17754 (without hopper)	MJB1475/H/50-10
52	18323 (without hopper)	MJB1534/H/52-10
54	18892 (without hopper)	MJB1593/H/54-10
56	19461 (without hopper)	MJB1652/H/56-10
58	20030 (without hopper)	MJB1711/H/58-10
60	20599 (without hopper)	MJB1770/H/60-10

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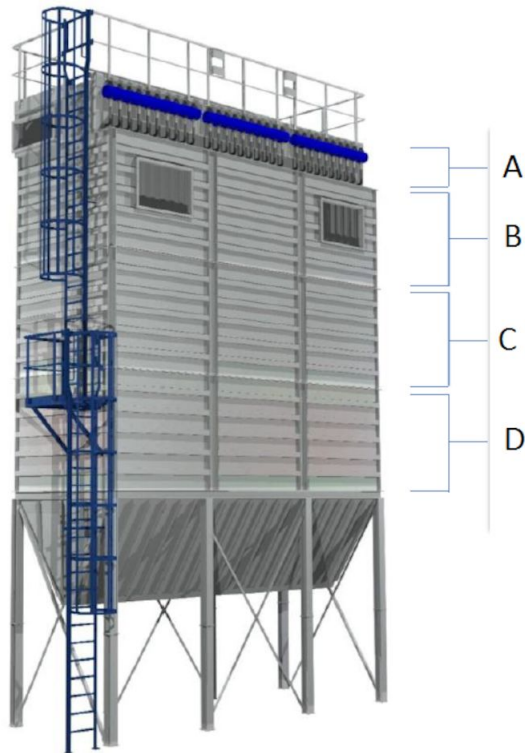
Inlet air (raw gas) and clean air outlet connections

The dirty air enters at high level through the side of the dirty air chamber (as illustrated), or alternatively via the top of the dirty air chamber. It passes downwards through a generously sized pre-separation chamber, and then into the bag-house via a slotted profiled barrier to protect the bags from abrasion in a part cross flow and part down flow pattern, thus eliminating unwanted upward velocity effects. The outlet air connections are at high level directly from the clean air chamber. These may be situated at the sides or end of the clean air chamber. Rectangular connection flanges are normally provided.

For the MJB-A, the dirty air chamber comprises two sections of the type illustrated, one mounted on top of the other to accommodate the 4.1m long bags.

For the MJB-H, the dirty air chamber comprises three sections of the type illustrated, mounted on top of each other, to accommodate the longer (6.1m) bags.

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Chambers:

A) Clean Air chamber

B) Dirty air chamber section
- Upper (MJB-A and MJB-H)

C) Dirty air chamber section
- Middle (MJB-A and MJB-H)

D) Dirty air chamber section
- Lower (MJB-H only)

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MJB-H unit	Filter area	no. of valves	Width W	No. of tanks	Filter weight excluding hopper	Typical weight of hopper	Number & size of sections			Compressed air consumption
							8 valves	10 valves	12 valves	
H	[m ²]	[pcs.]	[mm]	[pcs.]	[kg]	[kg]				Nm ³ /h at 5.5 bar
MJB 295/H/10-10	295	10	4265	1	4350	1740	-	1	-	40.5
MJB 354/H/12-10	354	12	4695	1	4919	1968	-	-	1	48.6
MJB 472/H/16-10	472	16	5770	2	6571	2628	2	-	-	48.6
MJB 531/H/16-10	531	18	6200	2	7136	2854	1	1	-	48.6
MJB 590/H/20-10	590	20	6630	2	7701	3080	-	2	-	48.6
MJB 649/H/22-10	649	22	7060	2	8270	3308	-	1	1	48.6
MJB 708/H/24-10	708	24	7490	2	8839	3536	-	-	2	48.6
MJB 767/H/26-10	767	26	8135	3	9922	3969	2	1	-	97.2
MJB 826/H/28-10	826	28	8565	3	10487	4195	1	2	-	97.2
MJB 885/H/30-10	885	30	8995	3	11052	4421	-	3	-	97.2
MJB 944/H/32-10	944	32	9425	3	11621	4648	-	2	1	97.2
MJB 1003/H/34-10	1003	34	9855	3	12190	4876	-	1	2	97.2
MJB 1062/H/36-10	1062	36	10285	3	12759	5104	-	-	3	97.2
MJB 1121/H/38-10	1121	38	10930	4	13838	5535	1	3	-	145.8
MJB 1180/H/40-10	1180	40	11360	4	14403	5761	-	4	-	145.8
MJB 1239/H/42-10	1239	42	11790	4	14972	5989	-	3	1	145.8
MJB 1298/H/44-10	1298	44	12220	4	15541	6216	-	2	2	145.8
MJB 1357/H/46-10	1357	46	12650	4	16110	6444	-	1	3	145.8
MJB 1416/H/48-10	1416	48	13080	4	16679	6672	-	-	4	145.8
MJB 1475/H/50-10	1475	50	13725	5	17754	7102	-	5	-	194.4
MJB 1534/H/52-10	1534	52	14155	5	18323	7329	-	4	1	194.4
MJB 1593/H/54-10	1593	54	14585	5	18892	7557	-	3	2	194.4
MJB 1652/H/56-10	1652	56	15015	5	19461	7784	-	2	3	194.4
MJB 1711/H/58-10	1711	58	15445	5	20030	8012	-	1	4	194.4
MJB 1770/H/60-10	1770	60	15875	5	20599	8240	-	-	5	194.4

NOTE: Typical compressed air consumption based upon cleaning cycle max. 3 minutes

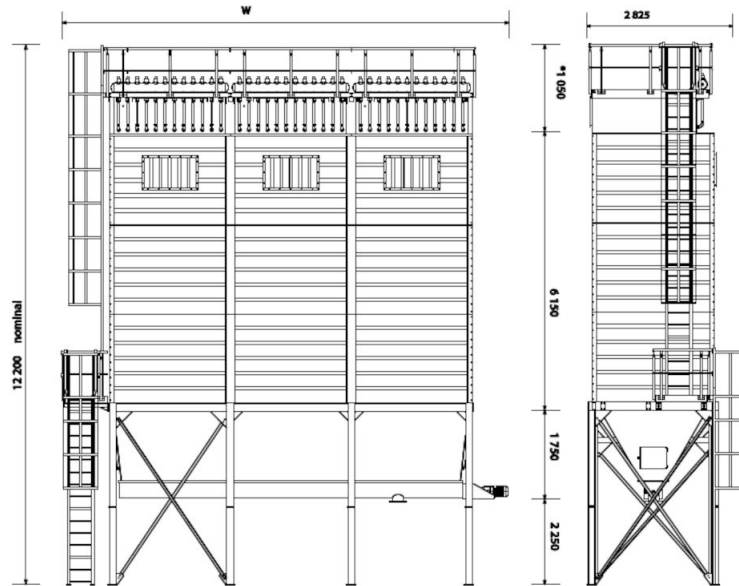
Single valve pulsing for units up to MJB 708

Two valves pulsing together for units up to MJB 1062

Three valves pulsing together for units up to MJB 1416

Four valves pulsing together for units up to MJB 1770

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Hopper heights are typical values for 55° valley angle trough hopper

* The Clean Air Chamber height includes toe board