

ANKE-GMC PLENUM PULSE DUST COLLECTOR PERFORMANCE PARAMETER

Technical Parameter Model & Specs	Total Filtering Area(m ²)	Net Filtering Area(m ²)	Chamber	Size of the Filter Bag	Quantities of the Filtering Bags (pcs)	Capacity (m ³ /h)		Capacity for Cement Industry	Equipment Resistance	Input Dust Density	Output Dust Density	Minus Pressure Pa	Compressed Air for Cleaning		Pulse Valves	Lift Valve & Cylinders	Impelling Conveyor	Dimension (mm)	Heat Preservation Area (m ²)	Equipment Weight (Exclude Heat Preservation)KG
						Filtering Speed	L (m ³ /h)						Pressure Pa	Air Consumed (m ³ /min)						
AK03-GMC32-3	96	64	3	φ130x2450mm, Polyester Needle Felt 500g/m ² , 120°C	96	5580~13950	6900	1470~1770Pa	<1000g/Nm ³			5000Pa	0.27	3	3	YJD-6	3070x2267x6220	25.5	2400	
AK03-GMC32-4	128	96	4		128	7440~18600	8930						0.37	4	4		3730x2267x6620	34	3400	
AK03-GMC32-5	160	128	5		160	9300~23250	11160						0.46	5	5		4390x2267x6987	41	4400	
AK03-GMC32-6	192	160	6		192	11160~27900	13390						0.55	6	6		5050x2267x7370	48.5	5400	
AK03-GMC64-4	256	192	4		256	14480~36200	17800						1.2	4	4	5980x2870x7640	70	6900		
AK03-GMC64-5	320	256	5		320	18600~46500	22300						1.5	5	5	7200x2870x7640	94	8300		
AK03-GMC64-6	384	320	6		384	22300~33800	26700						1.8	6	6	8420x2870x7640	118	9700		
AK03-GMC64-7	448	384	7		448	26000~67000	31200						2.1	7	7	9640x2870x7640	142	11100		
AK03-GMC64-8	512	448	8		512	20760~74400	35700						2.4	8	8	10860x2870x7640	166	12500		
AK03-GMC96-4	384	288	4		384	22320~55800	26800						1.2	4	4	6137x3416x8505	110	8710		
AK03-GMC96-5	480	384	5		480	27900~69800	33400	1.5				5	5	7356x3416x8505	120	10100				
AK03-GMC96-6	576	480	6		576	33120~83450	40100	1.8				6	6	8576x3416x8505	130	12400				
AK03-GMC96-7	672	576	7		672	39000~57500	46800	2.1				7	7	10376x3416x8505	140	14100				
AK03-GMC96-8	768	672	8		768	44640~71600	53510	2.4				8	8	11579x3416x8505	150	15700				
AK03-GMC96-9	864	768	9		864	50160~125400	60100	2.7				9	9	12798x3416x8505	160	17700				
AK03-GMC96-2x5	960	864	10		960	55740~139500	66900	3				10	10	7358x7638x9607	175	21000				
AK03-GMC96-2x6	1152	1056	12		1152	67260~168150	80700	3.4				12	12	8578x7638x9607	210	25200				
AK03-GMC96-2x7	1344	1248	14		1344	78480~196200	94100	4.2				14	14	9798x7638x9607	245	29400				
AK03-GMC96-2x8	1536	1440	16		1536	89640~224100	107600	4.8				16	16	11018x7638x9607	280	33600				
AK03-GMC96-2x9	1728	1632	18		1728	100860~252150	121000	5.4				18	18	12238x7638x9607	315	37800				
AK03-GMC96-2x10	1920	1824	20	1920	112080~280200	134500	6	20	20	13458x7638x9607	350	42000								
AK03-GMC128-5	784	656	5	φ130x3000mm, Polyester Needle Felt 500g/m ² , 120°C	640	42590~12300	45500	1470~1770Pa	<1300g/Nm ³			6860Pa	3.6	10	5	YJD-16	7614x4880x9432	115	18600	
AK03-GMC128-6	941	813	6		768	56100~140250	67300						5.4	12	6	YJD-16	8914x4880x9432	125	20100	
AK03-GMC128-9	1254	1126	8		1024	84120~210300	100900						6	16	8	YJD-16	12518x4880x9432	196	26400	
AK03-GMC128-10	1411	1283	9		1152	93480~233700	112100						5.8	18	9	YJD-26	13790x4880x9432	205	28900	
AK03-GMC128-2x6	1882	1754	12		1536	112140~280350	134600						7	24	12		8970x9945x9842	323	36600	
AK03-GMC128-2x7	2195	2067	14		1792	130860~327150	157000						8.3	28	14		10133x9945x9842	247	43900	
AK03-GMC128-2x8	2509	2381	16		2048	149520~373700	179400						9.5	32	16		11352x9945x9842	262	50000	
AK03-GMC128-2x9	2822	2694	18		2304	168240~420600	201900						10.7	36	18	12571x9945x9842	277	55400		
AK03-GMC128-2x10	3136	3008	20		2560	186900~467250	224300						12	40	20	YJD-30	13790x9945x9842	292	60000	
AK03-GMC128-2x11	3450	3322	22		2816	205620~513050	247600						13.1	44	22		15009x9945x9842	307	65400	
AK03-GMC128-2x12	3763	3635	24		3072	224280~560700	269100						14.3	48	24		16228x9945x9842	322	72000	
AK03-GMC128-2x13	4077	3949	26		3328	243000~607500	291600						15.5	52	26		17447x9945x9842	337	78000	
AK03-GMC128-2x14	4390	4262	28		3584	261660~654150	314000						16.7	56	28	18666x9945x9842	352	84000		

1. The above air consumed refers to the compressed air centralized supplied by factory. If a separate air compressor is used, the air consumed should be times 1.3.

2. The above capacity recommended for cement industry calculated based on v=1.2m/min, which is for the use when flying dust is below 199g/Nm³ and for the net filtering speed setting.