



Filter World, We Focus

Catalogue 



Apureda International (Group) Co., Ltd. is a global and professional manufacturer and service-provider in compressor spare parts and post-treatment equipment with integration of R&D, design, manufacture and marketing.

APUREDA has set up three production bases in Shanghai, Wuhan and Guangdong Province. Shanghai factory produces compressor filters, desiccant dryers and lubricant. Wuhan factory produces air dryers and air tank. Guangdong factory is under construction.

Apureda introduced advanced production line from USA and Europe. Raw material are also from Japan and Germany. The quality is insured.

Our aim is to be advanced supplier in compressor and post-equipment field.

We have established sales network in Asia, Europe and South America. Apureda people will take their great efforts to serve all our customers.

Apureda Group, your reliable business partner.

Filter world, We focus





Filter Element

KAESER

Model	Description	Genuine P/N	APD P/N
AT11	Air Filter	6.0215.0	32 114 10 073
	Air Filter	6.2084.0	32 113 15 342
AT36	Air Filter	6.2055.0/A1	32 114 12 175
	Air Filter	6.1994.0	32 111 13 217
	Air Filter	6.3564.0	32 113 22 370
	Air Filter	6.4143.0	32 114 30 083
	Air Filter	6.1995.0	32 111 30 461
	Air Filter	6.2183.0	32 113 29 560
	Air Filter	6.2003.0	32 114 11 180
	Air Filter	6.4139.0	32 111 32 095
	Oil Filter	6.3463.0	AO 0924
	Oil Filter	6.3464.1/B1	AO 0928
AT36(30HP)	Oil Filter	6.1985.1	AO 0905
	Oil Filter	6.1981.1	AO 0901
	Oil Filter	6.1979.0	AO 1301
	Air Oil Separator	6.2011.1	32 211 17 242
	DSD-241	Air Oil Separator	6.3535.0
7.5kw	Air Oil Separator	6.2008.1	32 211 14 200
	Air Oil Separator	6.2134.0	32 211 40 513
	Air Oil Separator	6.2024.0	32 213 08 158
	Air Oil Separator	6.3559.0	32 211 40 605
	Air Oil Separator	6.3569.0	32 211 22 270
	Air Oil Separator	6.1893.0/A1	32 213 08 160
	Air Oil Separator	6.1931.1/A1	32 211 14 200
	Air Oil Separator	6.3571.0	32 211 22 381
BS61(50HP)	Air Oil Separator	6.1968.0	32 211 13 198
	Air Oil Separator	6.3671.0/G2	32 211 13 230
	Air Oil Separator	6.3566.0/G1	32 211 15 305
	Air Oil Separator	6.2012.1	32 211 16 434
	Air Oil Separator	6.1965.0	32 211 27 762
	Air Oil Separator		



Air Oil Separator

COMPAIR

Model	Flow Rate m ³ /min	Original P/N	Outside mm	Height mm	APD P/N
L37/L75	6-14	10525274	135	302	AA1355
L90/L110	5-19	10882574	350	400	32 211 30 402
L132/L160	20-29	11427274	439	350	32 211 35 350
L200/L250	30-43	11427474	439	490	32 212 39 490
822/830/837 PUAS	3.5-5.6	59180	70	255	32 215 70 255
RALLYE 070-112	7.1-12/7.5	10525274	135	302	AA 1355
6050N	6.3/0.75	98262/194	200	250	32 211 17 250
6075N	10/0.7	98262/162	274	230	32 211 22 230
6100N	13.5/0.7	98262/26	348	450	32 211 30 450
6150N	20/0.7	98262/78	355	600	32 211 30 603
Sirius250	42.7/0.7	11427474	440	490	32 211 39 490

Specifications:

Oil Residual Content after Separation \leq 3ppm w/w
Service Life : 4000h

Initial differential pressure \leq 0.02MPa

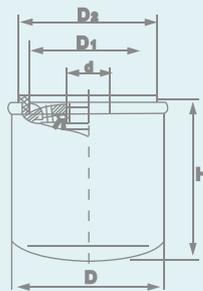


Air Filter

COMPAIR

Model	Flow Rate m ³ /min	Original P/N	Outside mm	Height mm	APD P/N	Remarks
707PUAS 715PUAS	1.25/0.7 2.25/0.8	50273	260	82	32 114 26 082	Plastic Glued Cover
822PUAS	3.57/0.8	50332	350	77	32 114 35 077	Plastic Glued Cover
830PUAS 837PUAS	4.56/0.8 5.64/0.8	52438	350	104	32 114 35 104	Plastic Glued Cover
RALLYE 070-112	7.1-12/7.5	29504376	195	370	32 113 19 370	Plastic Glued Cover
6050N	6.3/0.75	C11158/1014(98262/163)	165	338	32 111 16 338	
6075N	10/0.7	98262/170	198	361	32 111 19 361	
6150N	20/0.7	C11158/1390	243	481	32 111 24 481	
Sirius 250	42.7/0.7	06296777	328	605	32 111 32 605	

Specifications: Filtration Precision: 3µm-12µm Service Life:2000h



Oil Filter

COMPAIR

Model	Flow Rate m ³ /min	Original P/N	D mm	H mm	d	D1 mm	D2 mm	APD P/N
715PUAS	2.25/0.8	56457	94	97	¾-16UNF	62	72	AO 0908
822PUAS 830PUAS	3.57/0.8 4.65/0.8	57562	94	144	1-12UNF	62	72	AO 0904
837PUAS	5.64/0.8	59946	108	225	1-12UNF	62	72	AO 1005
RALLYE 070-112	7.1-12/7.5	04425274	135	302	½-16UNF	100	110	AO 1309
6100N、6150N 6180N、6220N	13.5、20、26/0.7	98262/219	108	260	1⅛-16UNF	94	104	AO 1001
Sirius 250	42.7/0.7	04425274	135	302	½-16UNF	100	110	AO 1309

Specifications: Filtration Precision: 5µm-12µm Initial differential pressure: ≤0.03MPa
 Max Working Pressure:1.4MPa-2.5MPa Service Life:2000h



Air Filter

ATLASCOPCO

Model	Original P/N	OD mm	Height mm	APD P/N	Remarks
GA11	1613872000	119	134	32 114 11 134	Plastic Glued Cover
GA18	1619126900	138	115	32 114 13 115	Plastic Glued Cover
GA22	1613872000	119	134	32 144 11 134	Plastic Glued Cover
GA30	1613740700	159	375	32 113 15 342	Plastic Glued Cover
GA37	1613740800(2901043100)	194	407	32 113 19 370	Plastic Glued Cover
GA55	1613950100	246	358	32 113 24 323	Plastic Glued Cover
	1603950300	246	410	32 113 24 370	Plastic Glued Cover
GA75	1613800400(2901043100)	220	406	32 113 22 370	Plastic Glued Cover
	1619279800(290100500)	230	370	32 113 23 370	Plastic Glued Cover
GA90C					
GA110	1030097900	350	345	32 111 35 345	
GA132	(2906009200)				
GA160	1621054799				
GA220	1627009499	390	460	32 111 39 460	
GA250	1621054600				
	1030107000	300	108	32 114 30 108	Plastic Glued Cover

Specifications: Filtration Precision: 3µm-12µm Service Life: 2000h



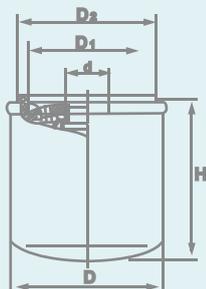
Air Oil Separator

ATLASCOPCO

Model	Original P/N	Flange mm	Height mm	APD P/N
GA18	1612386900	220	250	32 211 13 251
GA22	1613750200(2901034300)	240	175	32 211 13 175
GA30	1622007900	203	139	32 211 13 139
GA37	1613243300	300	300	32 211 17 301
GA45	1613688000(2901021300)	299	230	32 211 17 231
GA45	1613839700(2901056600)	298	177	32 211 17 177
GA75	1613730600(2901007000)	300	350	32 211 21 351
GA75	1613800700(2901043200)	400	300	32 211 23 301
GA75	1613955900 1613984000	364	274	32 211 22 274
GA90C	1614642300(2906009800)	500	450	32 211 35 450
GA110	1614905400(2906056400)	597	280	32 211 34 281
GA132/GA160	1614905600	597	350	32 211 35 351
GA160	1614642300	500	450	32 211 35 451
GA220	1614704800(2906020200)	500	600	32 211 40 601

Specifications:

Oil Residual Content after Separation \leq 3ppm w/w Initial differential pressure \leq 0.02MPa
 Service Life : 4000h



Oil Filter

ATLASCOPCO

Original P/N	D mm	H mm	d	D1 mm	D2 mm	APD P/N
1613610500	94	212	1-12UNF	62	72	AO 0990
1614727300	108	260	1 $\frac{1}{8}$ -16UNF	94	104	AO 1001

Specifications: Filtration Precision: 5 μ m-12 μ m Initial differential pressure: 0.03MPa
 Max Working Pressure: 1.4MPa-2.5MPa Service Life: 2000h



Air Filter

INGERSOLL RAND

Model	Flow Rate m ³ /min	Original P/N	OD mm	Height mm	APD P/N	Remarks
UPS22	3	89295976	119	134	32 114 11 134	Plastic Glued Cover
30S	3	42855429	138	123	32 113 13 123	Plastic Glued Cover
M22	3	42888214	200	76	32 112 20 076	
ML22	3	39588470	130	151	32 113 13 125	Plastic Glued Cover
50S	6	42855411	216	318	32 113 21 283	Plastic Glued Cover
ML37	6	39588777	130	276	32 113 13 250	Plastic Glued Cover
M37	6	99273906	270	120	32 112 27 120	
EP100	10	99267031	270	240	32 112 27 240	
M55	10	39708466	278	125	32 113 27 125	Plastic Glued Cover
75S	10	42855403	278	251	32 114 27 251	Plastic Glued Cover
VHP400SCU	11.6	92686948(main)	242	484	32 111 24 484	
		92686955(safety)	127	476	32 111 12 476	
EP200	20	99266702	270	370	32 112 27 370	
M90	20	39903281	380	178	32 113 38 178	Plastic Glued Cover
150S	20	39903281	380	178	32 112 38 178	
VHP700E	20	92035948(main)	300	460	32 111 30 460	
P1050E	29.5	92035955(safety)	150	468	32 111 15 448	
P600SCU	17	92686922(main)	225	372	32 111 22 372	
		92686930(safety)	109	376	32 111 10 358	
M250	40	42852129 39903265	380	362	32 114 38 362	Plastic Glued Cover
900		89288971(main)	295	583	32 113 29 560	Plastic Glued Cover
		89288969(safety)	192	573	32 113 19 573	Plastic Glued Cover

Specifications: Filtration Precision: 3µm-12µm Service Life: 2000h



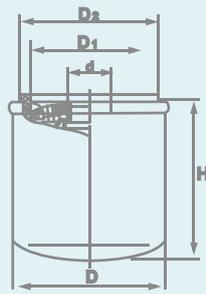
Air Oil Separator

INGERSOLLRAND

Model	Flow Rate m ³ /min	Original P/N	Flange mm	Height mm	APD P/N
UPS22	3	54749247		302	32 310 13 302
30S、ML22	3	39831888	194	226	32 212 17 226
M22	3	39751391	194	216	32 212 17 216
50S、M37	6	39831888	194	226	32 212 17 226
M37	6	92754688	194	232	32 212 17 232
EP100	10	42841239	336	356	32 212 22 356
75S、M55	10	39894597	300	190	32 212 27 190
75S	10	54601513	300	190	32 212 27 190
EP200	20	42841247	374	457	32 212 30 457
M90	20	54509427	374	457	32 212 30 458
150S	20	39863865	374	457	32 212 30 458
VHP400SCU	11.6				
P600SCU	17	92699198	305	250	32 212 27 250
P600SCA	23				
VHP700	29.5	92062132	440	620	32 211 40 620
P1050E					32 212 40 620
ML250	40	39831920	431	412	32 212 37 412
		54509500			
M250	40	39890600	431	444	32 212 37 444
		39863840	240	275	32 211 17 275

Specifications:

Oil Residual Content after Separation ≤ 3ppm w/w Initial differential pressure ≤ 0.02MPa Service Life >4000h



Oil Filter

INGERSOLLRAND

Model	Original P/N	D mm	H mm	d	D1 mm	D2 mm	APD P/N
USP22	54672654/B	94	212	1-12UNF	62	72	AO0999
ML22、30S、ML37、50S	39907175	94	212	1-12UNF	62	72	AO0998
M37、M22	42888198	94	212	1-12UNF	62	72	AO0997
M55	39911631	118	283	1 3/4-12UNF	74	88	AO1102
75S	42843797	135	200	M38x1.5	100	110	AO1304
150S	42843805	135	302	M38x1.5	100	110	AO1302
M90	39856836	118	283	1 3/4-12UNF	98	110	AO1103
ML250、M250	92888262	135	302	1 1/2-16UNF	100	110	AO1301
EP100、VHP400SCU	99270134	102	202	oil filter core			32 411 10 202
EP200、VHP700E	99274060	102	402	oil filter core			32 411 10 405
	92071132	108	260	1 1/8-16UNF	94 ≤	104	AO1001

Specifications: Filtration Precision: 5µm-12µm Initial differential pressure: 0.03MPa
 Max Working Pressure: 1.4MPa-2.5MPa Service Life: 2000h



Air Filter

SULLAIR

Model	Flow Rate m ³ /min	Original P/N	OD mm	Height mm	APD P/N	Remarks
LS-10-25	2.8	02250131-496	133	280	32 111 13 280	
LS-10-30	3.5	42445	198	110	32 112 19 100	
LS-10-40	4.4	40596(02250044-537)	154	305	32 111 15 305	
LS-12-50	6.1	02250131-498	174	407	32 111 17 407	External Core
LS-16-75	9.4	88290002-337	242	484	32 111 24 484	External Core
		88290002-338	127	476	32 111 12 476	Internal Core
LS-16-60		02250131-499			32 111 23 330	
LS-20-100	13.2	02250131-012	252	432	32 111 25 432	External Core
	14.4	02250131-013	144	392	32 111 14 392	Internal Core
LS-20-150	21	409853	290	395	32 111 29 395	External Core
		409854	175	356	32 111 17 356	Internal Core
LS-20-200	28.3	88290001-466	380	564	32 111 38 564	External Core
		88290001-467	240	480	32 111 24 480	
		88290003-111	415	450	32 111 35 450	Internal Core
		88290001-469	300	380	32 111 30 380	
LS-25-250	41.8	250007-838	350	736	32 111 35 736	External Core
LS-25-300	41.2	250007-839	250	705	32 111 25 705	Internal Core
LS-25-350		88290001-466	380	564	32 111 38 564	External Core
		88290001-467	240	480	32 111 24 480	
		88290003-111	415	450	32 111 35 450	Internal Core
		88290001-469	300	380	32 111 30 380	
		250018-652	230	330	32 111 23 330	
		88290004-372	415	640	32 111 41 640	

Specifications: Filtration Precision: 3µm-12µm Service Life: 2000h



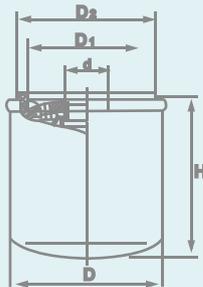
Air Oil Separator

SULLAIR

Model	Flow Rate m ³ /min	Original P/N	Flange mm	Height mm	APD	P/N	Remarks
LS25/ LS40	2.8 4.4	250034-112 250034-114	200 200	172 245	32 211 17 173 32 211 17 245		
LS50/ LS60	6.1 7.6	250034-116 250034-862	270 270	405 360	32 212 21 405 32 211 10 360		External Core Internal Core
LS-20-100	13.2	02250061-137	270	405	32 212 21 405		External Core
	14.4	02250061-138	270	360	32 211 10 360		Internal Core
LS-20-150	21	250034-085	350	620	32 212 27 620		External Core
		02250048-734	350	460	32 211 14 460		Internal Core
LS250	41.8	250034-124	600	570	32 212 48 570		External Core
		250034-130	600	430	32 212 27 430		Internal Core
LS300	41.2	250034-120	354	663	32 212 30 663		External Core
LS350		250034-128	354	585	32 211 21 585		Internal Core

Specifications:

Oil Residual Content after Separation \leq 3ppm w/w Initial differential pressure \leq 0.02MPa Service Life >4000h



Oil Filter

SULLAIR

Model	Flow Rate m ³ /min	Original P/N	D mm	H mm	d	D1 mm	D2 mm	APD	P/N
LS25/LS40	2.8-4.4	250025-525	118	155	1 $\frac{1}{8}$ -11	98	110	AO1104	
LS50/LS150	6.1-21	250025-526	118	285	1 $\frac{1}{8}$ -11	98	110	AO1101	
LS200/LS350	23-41	02500139-996	96	493	Oil Filter Core			32 411 09 493	
LS250-300		250007-842	114	370				32 411 11 370	

Specifications: Filtration Precision: 5 μ m-12 μ m Initial differential pressure: \leq 0.03MPa
 Max Working Pressure: 1.4MPa-2.5MPa Service Life: 2000h



Gardner Denver

Model	Description	Genuine P/N	APD P/N
ES37,50HP	Air Filter	81166609	32 114 21 097
	Air Filter	03400158/5	32 113 15 342
	Air Filter	2116701	32 116 15 380
	Air Filter	85067179	32 111 35 357
30HP	Air Filter	85644309	32 114 20 075
	Air Filter	2116150	32 111 13 281
	Air Filter	2118349	32 113 31 510
ES37,50HP	Air Filter	2010509	32 111 28 408
	Oil Filter	89559379	AO 0918
	Oil Filter	89755919	AO 1007
ES37	Oil Filter	89515869	32 411 79 200
	Oil Filter	2118345-P	32 411 08 300
	Oil Filter	89675429	AO 0900
	Oil Filter	2118342-P	32 411 08 181
	Air Oil Separator	03267728	32 213 07 242
30HP	Air Oil Separator	202ECH6013	32 214 14 309
	Air Oil Separator	208EAP6013	32 214 14 555
	Air Oil Separator	200ECM035	32 214 14 552
	Air Oil Separator	03340028	32 211 10 402
	Air Oil Separator	CC1053700	32 214 10 366
	Air Oil Separator	02250121-500	32 212 17 235
	Air Oil Separator	208EAP6013	32 214 14 555
	Air Oil Separator	2116717	AA 1359
	Air Oil Separator	202EAU6013	32 214 24 766



BOGE

Model	Description	Genuine P/N	APD P/N
S15,S20	Air Filter	569000901	32 112 09 105
S-30	Air Filter	569002811	32 113 11 220
S-50/S60	Air Filter	143000303	32 111 16 228
S-125,150	Air Filter	569000729	32 111 24 481
	Air Filter	569003401	32 113 12 288
	Air Filter	569000726	32 111 19 361
	Air Filter	569000729	32 111 24 486
	Air Filter	569004101	32 114 06 069
S15	Oil Filter	558000309	AO 0702
S-20	Oil Filter	558000307	AO 0908
S-75,S100	Oil Filter	558000303	AO 0905
S-125,150	Oil Filter	558000308	AO 1301
S-180/10	Oil Filter	558000308	AO 1301
S15	Air Oil Separator	575000102	AA 0710
S20	Air Oil Separator	575000103	AA 0920
S30	Air Oil Separator	575000105	AA 1330
S-50/S60	Air Oil Separator	575000101	AA 1360
	Air Oil Separator	575076301	32 213 08 126



HITACHI

Model	Description	Genuine P/N	APD P/N
OSP-15UAR	Air Filter	P81-2709	3211117093
	Air Filter	P81-4457	3211117125
75 HP	Air Filter	P81-4459	3211117210
	Air Filter	P83-3928	3211119208
OSP-75	Air Filter	P81-4462	3211123255
75 HP	Air Filter	P81-2152	3211123332
100HP	Air Filter	52302330	3211312303
	Air Filter	755423	3211206083
	Air Filter	P81-2562	3211310264
100HP	Oil Filter	55175910	AO0941
	Oil Filter	55305910	AO0904
100HP	Oil Filter	56645910	AO0939
OSP37S-5A/37M-5A	Air Oil Separator	52323020	3221110320
OSP37S-5AI/37M-5AI	Air Oil Separator	55303020	3221110320
OSP 7.5E (10 HP)	Air Oil Separator	52533020	3221108117
	Air Oil Separator	50513021	3221111130
OSP15E 5A (20 HP)	Air Oil Separator	50533021	3221113163
	Air Oil Separator	3422006800	3221127306
OSP15U-5A	Air Oil Separator	21114040	3221115140
OSP22U-5AI	Air Oil Separator	36014040	3221115252
OSP37U-5AI	Air Oil Separator	36214040	3221115303
OSP22UA	Air Oil Separator	21714040	3221117202
OSP37U-5A	Air Oil Separator	22114040	3221120201
OSP55U-5AI	Air Oil Separator	29414040	3221120251
OSP75U-5AI	Air Oil Separator	29614040	3221130304
OSP11S-5A/11M-5A	Air Oil Separator	52553020	3221308203
OSP22S-5AI/22M-5AI	Air Oil Separator	55173021	3221110254
OSP22S-5A/22M-5A	Air Oil Separator	52303020	3221110254



Kobelco

Model	Description	Genuine P/N	APD P/N
	Air Filter	SCE05-507	32 113 23 331
	Air Filter	SCE05-504	32 113 18 389
	Air Filter	PCE05-532	32 111 20 130
	Air Filter	PCE05-516-01	32 112 14 224
KST37A/KST55	Air Filter	PF03-3010	32 112 20 303
	Air Filter	SCE05-505	32 113 23 468
	Air Filter	SCE05-501	32 113 10 264
	Air Filter	PF04-3001	32 112 30 303
New KST37	Air Filter (Outer)	SCE05-503	32 113 16 349
	Oil Filter	PCE13-528	AO 0919
	Oil Filter	PCE13-515	AO 0915
	Oil Filter	PCE13-526	AO 0936
	Oil Filter	P-CE13-517	AO 0937
	Oil Filter	PCE13-506	AO 1201
	Air Oil Separator	4A11L0100	32 211 09 091
	Air Oil Separator	PCE03-572	32 211 10 322
	Air Oil Separator	PCE03-525	32 211 12 148
	Air Oil Separator	PCE03-536	32 211 12 150
	Air Oil Separator	PCE03-578	32 211 13 299
	Air Oil Separator	PCE03-577	32 211 13 402
20 HP	Air Oil Separator	PCE03-555-04	32 211 11 282
	Air Oil Separator	PCE03-535	32 211 14 185
	Air Oil Separator	PCE03-530	32 211 14 241
	Air Oil Separator	PCE03-537	32 211 15 215
	Air Oil Separator	PCE03-517	32 211 25 300
KST15	Air Oil Separator	PF03-3025-01	32 213 12 197
HM22A	Air Oil Separator	4H11L01013P1	32 211 15 250
	Air Oil Separator	PCE03-542	32 211 34 513



Mitsui- Seiki

Model	Description	Genuine P/N	APD P/N
	Air Filter	71127083801	32 111 20 255
	Air Filter	11282001-00	32 111 28 160
Z156A, Z225	Air Filter	71101083804	32 112 14 235
	Air Filter	7110341380100	32 112 28 180
	Air Filter	71103373801	32 112 28 150
	Air Filter	7110404380110	32 113 16 349
	Air Filter	71106403801	32 111 20 258
	Air Filter	7115166010	32 111 20 178
	Air Filter	7110337807400	AO 1002
	Oil Filter	7110345338000	AO 1004
	Oil Filter	72104040807	32 211 11 245
50-100 (NEW) block	Air Oil Separator	71100223945	32 211 17 122
	Air Oil Separator	72123020801	32 211 11 443
	Air Oil Separator	7110337394500	32 211 17 333
Z085, Z115	Air Oil Separator	7110345394500	32 211 17 261
	Air Oil Separator	71100043912	32 211 17 125
Z115A, Z225A	Air Oil Separator	71104503945	32 211 17 200
Z115A, Z225A	Air Oil Separator	71101163945	32 211 17 212
Z375A (NEW)	Air Oil Separator	71103453945	32 211 17 261
50 HP	Air Oil Separator	CH430802	32 211 17 311
Z375A	Air Oil Separator	71103373945	32 211 17 333
Z555A	Air Oil Separator	71106302532	32 211 25 301
Z755A	Air Oil Separator	71107312532	32 211 25 445
Z555A	Air Oil Separator	71106402545	32 211 34 310
Z755A	Air Oil Separator	71127082545	32 211 34 330
Z556A	Air Oil Separator	7110640254500	32 211 34 284
Z225A-S	Air Oil Separator	7212210080300	32 211 11 394
	Air Oil Separator	7135604392402	AA 0921



Filter
Element

SIRC

DP、GP、HE、AC	m ³ /min	DP
123	3.45	88343181
216	6.05	88343199
275	7.7	88343207
350	9.8	88344254
481	13.46	88343330
706	19.76	88343355
850	23.8	88343488
1100	30.8	88343496
1300	38.63	88343504



Filter
Element

Hankison

Model NO.	Flow m ³ /min
E9-16	1
E9-20	2
E9-24	3
E9-28	4.9
E9-32	7.2
E9-36	11
E9-40	14
E9-44	18
E9-48	22



Filter Element

HIROSS

Model	Precision	New model
024	Q	3283006145Q
024	P	3283006145P
024	S	3283006145S
035	Q	3283006215Q
035	P	3283006215P
035	S	3283006215S
060	Q	3283006362Q
060	P	3283006362P
060	S	3283006362S
090	Q	3283008382Q
090	P	3283008382P
090	S	3283008382S
150	Q	3283008760Q
150	P	3283008760P
150	S	3283008760S
240	Q	3283210950Q
240	P	3283210950P
240	S	3283210950S
120	Q	3283008610Q
120	P	3283008610P
120	S	3283008610S
015	Q	3283004142Q
015	P	3283004142P
015	S	3283004142S
007	Q	3283004118Q
007	P	3283004118P
007	S	3283004118S
004	Q	3283004068Q



Filter
Element

Domnick Hunter

Model	Precision	New model
K017	AO	3283004080AO
K017	AA	3283004080AA
K220	AO	3283008333AO
K220	AA	3283008333AA
K220	AX	3283008333AX
K220	ACS	3283008333ACS
K430	AO	3283011415AO
K430	AA	3283011415AA
K430	AX	3283011415AX
K620	AO	3283011634AO
K620	AA	3283011634AA
K620	AX	3283011634AX
K145	AO	3283007260AO
K145	AA	3283007260AA
K145	PF	3283007260PF
K145	ACS	3283007260ACS
K058	AO	3283007160AO
K058	AA	3283007160AA
K058	AX	3283007160AX
K058	ACS	3283007160ACS
K058	PF	3283007160PF
K030	AO	3283004120AO
K030	AA	3283004120AA
K330	AO	3283008635AO
K330	AA	3283008635AA
K330	AX	3283008635AX

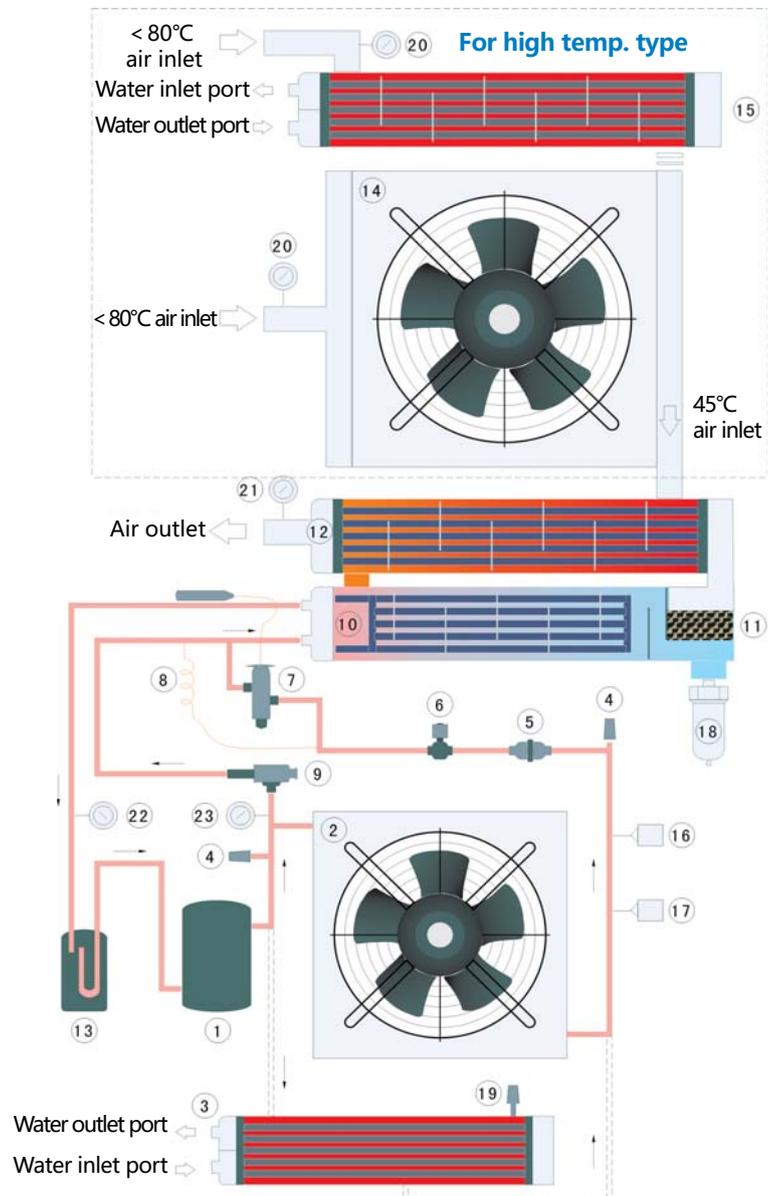
Refrigerated Air Dryer

Refrigerated air dryer is more popular and economical in compressor post treatment equipment field. Apureda air dryer is designed with top technology and processed with imported parts, which can be worked with any type air compressors to remove the water in compressed air. The pressure dew point is 2-10°C.

When the temperature is dropped, the moisture content in compressed air is also dropped and then the vapour water will be converted into liquid water. This is the working principle of refrigeration air dryer. After the vapour water in compressed air becomes the liquid water, which will be separated by air/water separator and exhausted by drain valve, then dry compressed air will be sent to terminal.



Typical Process Flow:



- 1、Coolant compressor
- 2、Condensor(Air cooling type)
- 3、Condensor(Water cooling type)
- 4、Filling valve
- 5、Dry filter
- 6、Solenoid valve
- 7、Expansion valve
- 8、Capillary
- 9、Hot gas by-pass valve
- 10、Evaporator
- 11、Air water separator
- 12、Heat exchanger
- 13、Liquid gas separator
- 14、Pre cooler(Air cooling type)
- 15、Pre cooler(Water cooling type)
- 16、Over load trip switch
- 17、Pressure control switch
- 18、Automatic drain valve
- 19、Safety valve
- 20、Air inlet pressure gauge
- 21、Air outlet pressure gauge
- 22、Coolant low pressure gauge
- 23、Coolant high pressure gauge

National Standard Test Lab.

To ensure the dryer quality, Apureda adopt advanced test equipment to detect the compressed air specifications of flow rate, pressure, inlet temp., inlet and outlet pressure, etc. Apureda has the unique national standard test lab.

Refrigerated Air Dryer Characteristics



Compressor (Panasonic, Mitsubishi, etc.) : Adopt Sseries high-efficiency compressor to realize energy-saving theory to reality with the EER over 3.6 ratio.



Heat Exchanger (Evaporator +Condenser) : Adopt high efficiency heat exchanging copper tube to enlarge the heat exchange area over 10%. Thus the heat exchange efficiency increase 30% compared with traditional model.

Left: Other suppliers copper tube
Right: Apureda's copper tube.



Separator: Separate the liquid water and water vapor: 100% Separator efficiency: 85%

Stainless steel mesh inside.

Refrigerated Air Dryer Model Collection

With different compressed air inlet temp., the Refrigerated Air Dryer is divided into Standard Air Dryer and High-Temp. Air Dryer. Then it's divided again into Air-cooled Dryer and Water-cooled Dryer according to diverse cooling styles.

To collect the suitable refrigerated air dryer, first have to confirm the Max. flow rate (Nm³/min) 、Min. air inlet pressure (MPa (g)) 、Max. air inlet temp. (°C) 、Max. ambient temp. (°C) 、Max. coolant water temp.(°C) , and then check the following data to calcute the Actual Nominal Flow Rate.

Dryer Selection Coefficient

Actual Nominal Flow Rate (m³/min) = Selected Flow Rate × KA × KB × KC (or KC')

Pressure Correction Coefficient KA

Working Pressure MPa (g)	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Correction Coefficient KA	0.55	0.65	0.75	0.88	1	1.04	1.08	1.11

Ambient Temp. Correction Coefficient KC

Ambient Temp. °C	20	25	30	32	35	38	40	42
Correction Coefficient KC	1.21	1.15	1.05	1	0.95	0.9	0.85	0.79

Air-Inlet Temp. Correction Coefficient KB

Medium-Temp. Air Inlet C	20	25	30	35	38	40	42	45
Correction Coefficient KB	1.25	1.15	1.1	1.05	1	0.92	0.83	0.78
High-Temp. Air Inlet C	45	50	55	60	65	70	75	80
Correction Coefficient KB	1.15	1.1	1.08	1.05	1	0.95	0.88	0.8

Cooled Water Temp. Correction Coefficient KC'

Cooled Water Inlet Temp. C	20	25	30	32	35	38	40
Correction Coefficient KC'	1.17	1.09	1	0.96	0.92	0.87	0.84

*Applied for water-cooling air dryer.

Medium Temp. Air Cooling Refrigerated Air Dryer



Working Condition & Parameters

Air inlet temp.: 2 ~ 45°C
 Pressure dew point: 2 ~ 10°C
 Pressure loss: ≤3%P
 Ambient temp.: 2 ~ 40°C
 Air inlet pressure: 0.4 ~ 1.0MPa
 Cooling: Air cooled
 Standard working condition:
 Air inlet temp.:38°C,
 Air inlet pressure:0.7MPa (G)

SPECIFICATION

Model	Flow rate (m ³ /min)	Refrigeration Power(W)	Blower power (W)	Power supply	Dimension mm			Connection Port	Weight (kg)
					L	W	H		
CFKA-10N	1.2	0.35	68	220V 50Hz	500	345	640	Rp1	45
CFKA-15N	2	0.63	100		700	420	655	Rp1	62
CFKA-30N	4	0.94	135		800	470	705	Rp1-1/2	85
CFKA-40N	5.5	1.05	135		800	470	855	Rp1-1/2	100
CFKA-50N	7	1.13	190		880	520	855	Rp1-1/2	115
CFKA-60N	8.5	1.49	190		970	520	875	Rp1-1/2	130
CFKA-75N	11	1.74	250		1050	640	1065	Rp2	185
CFKA-100N	15	2.2	270		1200	640	1065	Rp2	195
CFKA-125N	18	3.14	380		1200	640	1215	DN65	250
CFKA-150N	23	3.8	380		1350	640	1215	DN65	290
CFKA-175N	28	5.5	380		1450	790	1415	DN80	380
CFKA-200N	33	5.8	380		1550	790	1415	DN80	460
CFKA-250N	38	7.5	460		1650	840	1515	DN100	520
CFKA-300N	45	8.2	460		1800	840	1515	DN100	720
CFKA-400N	55	8.82	840		2100	975	1345	DN100	820
CFKA-500N	65	11.03	1260		2200	1000	1635	DN100	1080
CFKA-700N	85	14.70	1650	2400	1200	1815	DN125	1500	
CFKA-800N	110	18.37	2200	2900	1300	1750	DN150	2200	
CFKA-900N	130	22.05	2200	3200	1300	1750	DN150	2350	
CFKA-1000N	160	28.80	2400	2820	1950	1880	DN200	2455	
CFKA-1200N	190	33.08	3200	3000	2000	1880	DN200	2720	
CFKA-1500N	220	36.75	3400	3300	2000	1880	DN200	3120	

Standard of screw is in accordance with GB/T7306

Standard of flange is in accordance with HG20592

Any change of model, specification and color shall not be advised additionally, subject to the real products.

Pls refer to the corresponding brochure if you order other models.

High Temp. Air Cooling Refrigerated Air Dryer



Working Condition & Parameters

Air inlet temp.: 2 ~ 80°C
 Pressure dew point: 2 ~ 10°C
 Pressure drop: ≤5%P
 Ambient temp.: 2 ~ 40°C
 Air inlet pressure: 0.4 ~ 1.0MPa
 Cooling: Air cooled
 Standard working condition:
 Air inlet temp.: 65°C,
 Air inlet pressure: 0.7MPa (G)

SPECIFICATION

Model	Flow rate (m ³ /min)	Refrigeration Power(W)	Blower power (W)	Power supply	Dimension mm			Connection Port	Weight (kg)
					L	W	H		
CFKA-15NH	2	0.63	125	220V 50Hz	750	470	715	R1	83
CFKA-30NH	4	0.94	250		800	500	960	R1-1/2	105
CFKA-40NH	5.5	1.05	250		850	500	960	R1-1/2	115
CFKA-50NH	7	1.13	270		900	540	1065	R1-1/2	135
CFKA-60NH	8.5	1.49	270		970	540	1115	R1-1/2	150
CFKA-75NH	11	1.74	500		1100	690	1190	R2	195
CFKA-90NH	13	1.97	540		1250	690	1190	R2	205
CFKA-100NH	15	2.2	540		1250	690	1190	R2	215
CFKA-125NH	18	3.14	540		1350	740	1315	DN65	305
CFKA-150NH	23	3.8	760		1450	740	1315	DN65	385
CFKA-175NH	28	5.5	760	380V 50Hz	1550	890	1515	DN80	445
CFKA-200NH	33	5.8	760		1650	890	1515	DN80	525
CFKA-250NH	38	7.5	920		1750	940	1665	DN100	650
CFKA-300NH	45	8.2	920		1800	940	1665	DN100	780
CFKA-400NH	55	8.82	1410		2100	975	1725	DN100	920
CFKA-500NH	65	11.03	1950		2400	1200	1950	DN100	1230
CFKA-600NH	75	11.25	2445		2500	1200	1965	DN125	1350
CFKA-700NH	85	14.70	2910		2700	1200	2085	DN125	1700
CFKA-800NH	110	18.37	3460		2900	1300	2265	DN150	2300
CFKA-900NH	130	22.05	3850		3200	1300	2265	DN150	2470
CFKA-1000NH	160	28.80	4800	3200	1600	2300	DN200	2595	
CFKA-1200NH	190	33.08	6400	3200	1600	2400	DN200	2890	
CFKA-1500NH	220	36.75	6800	3300	1600	2500	DN200	3290	

Standard of screw is in accordance with GB/T7306

Standard of flange is in accordance with HG20592

Any change of model, specification and color shall not be advised additionally, subject to the real products.

Pls refer to the corresponding brochure if you order other models.

Medium Temp. Water Cooling Refrigerated Air Dryer



Working Condition & Parameters

Air inlet temp.: 2 ~ 45°C Pressure drop: ≤3%P
 Pressure dew point: 2 ~ 10°C Cooling: Water cooled
 Cooled water temp.: 2 ~ 35°C
 Cooled water pressure: 0.2-0.4MPa
 Air inlet pressure: 0.4 ~ 1.0MPa
 Cooled water resource: Industrial circulated soft water
 Standard working condition:
 Air inlet temp.: 38°C,
 Air inlet pressure: 0.7MPa (G)

SPECIFICATION

Model	Flow rate (m ³ /min)	Refrigeration Power(W)	Water Consumption (t/h)	Power supply	Dimension mm			Connection		Weight (kg)
					L	W	H	Air	Coolant Water	
CFKW-60N	8	1.49	1.2	220V 50Hz	970	500	875	Rp1-1/2	R1	130
CFKW-75N	11	1.74	1.6		1050	600	1065	Rp2	R1	185
CFKW-90N	13	1.97	1.8		1200	600	1065	Rp2	R1	190
CFKW-100N	15	2.2	2.1		1200	600	1065	Rp2	R1	195
CFKW-125N	18	3.14	2.5		1200	600	1215	DN65	R1-1/2	250
CFKW-150N	23	3.8	3.3		1350	600	1215	DN65	R1-1/2	290
CFKW-175N	28	5.5	4.0		1450	750	1415	DN80	R1-1/2	380
CFKW-200N	33	5.8	4.8		1550	750	1415	DN80	R1-1/2	460
CFKW-250N	38	7.5	5.5		1650	800	1515	DN100	R1-1/2	520
CFKW-300N	45	8.2	6.3		1800	800	1515	DN100	R1-1/2	720
CFKW-400N	55	8.82	8.1	380V 50Hz	2100	975	1345	DN100	R1-1/2	820
CFKW-500N	65	11.03	9.7		2400	1200	1520	DN100	R1-1/2	1080
CFKW-600N	75	11.25	11.2		2500	1200	1520	DN125	R1-1/2	1150
CFKW-700N	85	14.70	12.7		2700	1200	1680	DN125	Rc2	1500
CFKW-800N	110	18.37	15.0		2900	1300	1750	DN150	Rc2	2200
CFKW-900N	135	22.05	18.0		3200	1300	1750	DN150	Rc2	2350
CFKW-1000N	160	28.80	25.5		2820	1400	1805	DN200	Rc2-1/2	2700
CFKW-1200N	190	33.08	28.5		3000	1450	1865	DN200	Rc2-1/2	3100
CFKW-1500N	220	36.75	34.8		3150	1450	1865	DN200	Rc2-1/2	3300
CFKW-1800N	260	44.10	39.5		3900	1750	2030	DN200	Rc3	3700
CFKW-2000N	310	55.13	46.5	4300	1800	3000	DN250	Rc3	4000	
CFKW-2700N	410	73.50	69.5	4500	2000	3000	DN300	DN100	4900	
CFKW-3500N	510	88.20	85.0	4800	2300	2850	DN300	DN125	6000	

Standard of screw is in accordance with GB/T7306
 Standard of flange is in accordance with HG20592

Any change of model, specification and color shall not be advised additionally, subject to the real products.
 Pls refer to the corresponding brochure if you order other models.

Heatless Regenerative Desiccant Air Dryer

The working principle of heatless regenerative desiccant air dryer is taking the theory of Pressure Change Adsorption. The desiccant absorbs moisture of compressed air under the pipe network's pressure, then adsorption under the atmosphere pressure. Retrieving some dry air from the outlet of dryer to dehydrate the desiccant, adsorption in one tank and desorption in the other tank, two tanks work alternately and re-cycle, so the clean and dry compressed air will be supplied continually.



Working Condition & Parameters

Air inlet Temp.: 2 ~ 4 5°C

Dew point pressure: -20 ~ -40°C

Working pressure: 0.6-0.95MPa

Regenerative air capacity: ≤14%

Inlet air oil content: ≤0.1PPM

Controls: computer-control

Desiccant: activated alumina

Installation method: indoor, anchor bolt installation

SPECIFICATION

Model	Flow rate (m ³ /min)	Dimension mm			Inlet/Outlet Size	Power Supply	Weight (kg)
		L	W	H			
CGDN-05	0.6	526	330	1016	R1/2	220V 50Hz SINGLE PHASE	50
CGDN-1	1.2	640	650	1632	Rc1		78
CGDN-2	2.3	659	650	1837	Rc1		150
CGDN-3	3.6	898	620	1606	R1		235
CGDN-5	5.2	976	620	1955	R1-1/2		275
CGDN-6	6.5	1048	620	1955	R1-1/2		336
CGDN-8	8.5	1096	650	1916	DN50		375
CGDN-10	11	1096	650	2066	DN50		420
CGDN-13	13.5	1201	650	2076	DN50		480
CGDN-15	17	1238	680	2203	DN65		560
CGDN-20	22	1280	680	2215	DN65		740
CGDN-25	27	1360	800	2510	DN80		855
CGDN-30	32	1456	800	2510	DN80		900
CGDN-35	37	1590	800	2538	DN80		1140
CGDN-40	45	1661	800	2611	DN100		1450
CGDN-50	55	1785	860	2653	DN100		1800
CGDN-60	65	1901	920	2779	DN125		2180
CGDN-85	85	1936	1440	2759	DN125		2500
CGDN-110	110	2440	1686	2912	DN150		3200
CGDN-130	130	2540	1700	2962	DN150		3500
CGDN-160	160	3026	1750	3112	DN150		4600
CGDN-190	190	3200	1750	3440	DN200		5500
CGDN-220	220	3400	1846	3200	DN200	6900	

Heat Purge Regenerative Desiccant Air Dryer

Heat purge regenerative desiccant air dryer is designed on the base of heatless air dryer by adding a heater. The regenerative air will heat the desiccant after temperature raised. Thus reached better regeneration efficiency. Also reduced regenerative air consumption and achieved energy saving.



Working Condition & Parameters

Air inlet Temp.: 2 ~ 45°C

Dew point pressure: -20 ~ -40°C

Working pressure: 0.6-0.95MPa

Regenerative air capacity: ≤7%

Inlet air oil content: ≤0.1PPM

Controls: computer-control

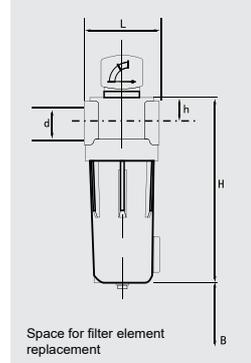
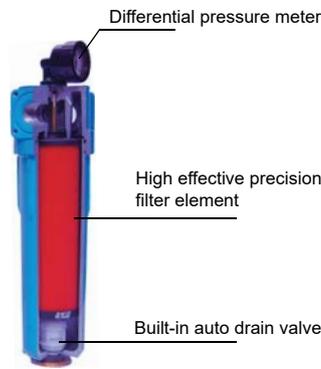
Desiccant: activated alumina

Installation method: indoor, anchor bolt installation

SPECIFICATION

Model	Flow rate (m ³ /min)	Dimension mm			Inlet/Outlet Size	Electrical Heating Power	Power Supply	Weight (kg)
		L	W	H				
CGDY-1	1.2	640	650	1632	Rc1	0.9	380V 50Hz Three Phases Four Wires	135
CGDY-2	2.3	659	650	1837	Rc1	1.2		180
CGDY-3	3.6	898	620	1606	R1	1.8		300
CGDY-5	5.2	976	620	1955	R1-1/2	3.6		410
CGDY-6	6.5	1048	620	1955	R1-1/2	3.6		500
CGDY-8	8.5	1096	650	1916	DN50	5.1		580
CGDY-10	11	1096	650	2066	DN50	5.1		655
CGDY-13	13.5	1201	650	2076	DN50	5.1		690
CGDY-15	17	1238	680	2203	DN65	9		840
CGDY-20	22	1280	680	2215	DN65	9		1130
CGDY-25	27	1360	800	2510	DN80	14.4		1245
CGDY-30	32	1456	800	2510	DN80	14.4		1345
CGDY-35	37	1590	800	2538	DN80	14.4		1510
CGDY-40	45	1661	800	2611	DN100	21.6		1820
CGDY-50	55	1785	860	2653	DN100	21.6		2200
CGDY-60	65	1901	920	2779	DN125	31.5		2790
CGDY-85	85	1936	1440	2759	DN125	31.5		3500
CGDY-110	110	2440	1686	2912	DN150	51		3840
CGDY-130	130	2540	1700	2962	DN150	57		4450
CGDY-160	160	3026	1750	3112	DN150	72		5200
CGDY-190	190	3200	1750	3440	DN200	87	6100	
CGDY-220	220	3400	1846	3200	DN200	111	7600	
CGDY-260	260	3626	2000	3425	DN250	132	9300	

Pipeline Filter



Max working pressure: 1.6MPa
 Working temperature: 1.5-65°C
 Built-in auto drain valve

Grade V Pre-filter

For the removal of particles above 2 μ m, water separating efficiency \geq 95%. Residual oil content \leq 2PPM w/w. Prevent contamination effectively. As pre-filter for A level precision filter and refrigerated driers. Initial differential pressure:0.01MPa Differential pressure for element change: 0.07MPa

Grade A Precision filter

For the removal of particles above 1 μ m Residual oil content \leq 0.1PPM w/w As pre-filter for B level super-fine-filter Initial differential pressure: 0.01MPa Differential pressure for element change: 0.07MPa

Grade B Super-Fine-Filter

For the removal of particles above 0.01 μ m. Residual oil content \leq 0.01PPM w/w As pre-filter for activated carbon filter(C) and adsorption compressed air dryer Initial differential pressure: 0.012MPa Differential pressure for element change: 0.07MPa

Grade C Activated Carbon Filter

For the removal of oil vapor and hydrocarbon odor. Residual oil content \leq 0.003PPM w/w Initial differential pressure: 0.02MPa

Grade AR Dust Filter

Stainless steel box body Block bacteria and bacteriophage efficiently from compressed air with steam at 12°C passing through regularly to sterilize Times of recycle: 50

Model	Grade	Flow Rate	Dimension					Filter Element		Weight kg
			d	L	h	H	B	Qty	Code	
AM0060- * - #	V	1	Rp 1/2	89	26	231	126	1	M 010- *	0.95
AM0090- * - #		1.5	Rp 3/4	89	26	231	131	1	M 015- *	1.15
AM0216- * - #		3.6	Rp1	120	40	299	170	1	M 036- *	2.75
AM0288- * - #		4.8	Rp1 1/2	120	40	399	210	1	M 048- *	3.25
AM0432- * - #	A	7.2	Rp1 1/2	120	40	399	270	1	M 072- *	3.3
AM0522- * - #		8.7	Rp1 1/2	120	40	399	270	1	M 087- *	3.3
AM0720- * - #	B	12	Rp2	160	50	463	320	1	M 120- *	5.9
AM0960- * - #		16	Rp2	160	51	663	420	1	M 160- *	9.8
AM1200- * - #	C	20	Rp2	160	51	863	620	1	M 200- *	13
AM1440- * - #		24	Rp2 1/2	216	65	660	420	1	M 240- *	16.2
AM1920- * - #		32	Rp3	216	65	750	520	1	M 320- *	22
AM2400- * - #		40	Rp3	216	65	620	620	1	M 400- *	25

Notes: 1. * Stands for grades

3. Please contact us for information of sterile filters (Grade D)

2. Stainless steel cylinder for flow rate 16-40m³ filters

4. Dimensions subject to change without notice.



Apureda International (Group) Co., Ltd.
Shanghai Thenow Health Sci-Tech Holding Co.,Ltd.

Headquarter:

17 Floor HuaZhou Building, No. 788,Zhijiang Road(West)
Shanghai 200070,China
Tel: +86-21-66582081 Fax :+86-21-56555777
Email:mc@apureda.com.cn

Air dryer factory address:

No.59, Linsheng Rd., Tinglin Town, Jinshan District, Shanghai, 201505,China.

Compressor filter factory address:

No.501,Jiaqian Road, Nan Xiang Town, Jia Ding District, Shanghai,201802,China.

www.apureda.com
www.apureda-dryer.com

