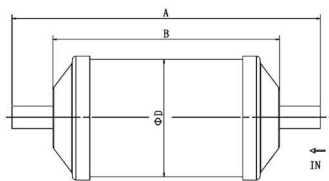


EK

过滤芯体类型
Core Type

ES 分子筛
Loose Core
EK 固体芯
Loose Core



φD: 43mm @ 03X;
φD: 63.5mm @ 05X and 08X;
φD: 76.0mm @ 16X; and 30X
φD: 89.0mm @ 41X;

A	032	032S	033	033S
B	113	110	123	114
	66			
A	052	052S	053	053S
B	119	116	129	120
	72			

A	082	082S	083	083S	084	084S
B	145	142	155	146	163	148
	98					

A	162	162S	163	163S	164	164S	165	165S	166	166S	167S
B	159	156	169	160	177	162	185	160	191	166	172
	112										

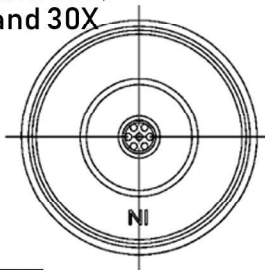
A	302	303	303S	304	304S	305	305S	306	306S	307S	309S
B	232	242	233	250	235	258	233	264	239	245	245
	185										

A	413	413S	414	414S	415	415S	416	416S	417S	419S
B	232	242	233	250	235	258	233	264	239	245
	192									

XX

芯体体积
Core Volume

03: 3Cu.In
05: 5Cu.In
08: 8Cu.In
16: 16Cu.In
30: 30Cu.In
41: 41Cu.In
75: 75Cu.In

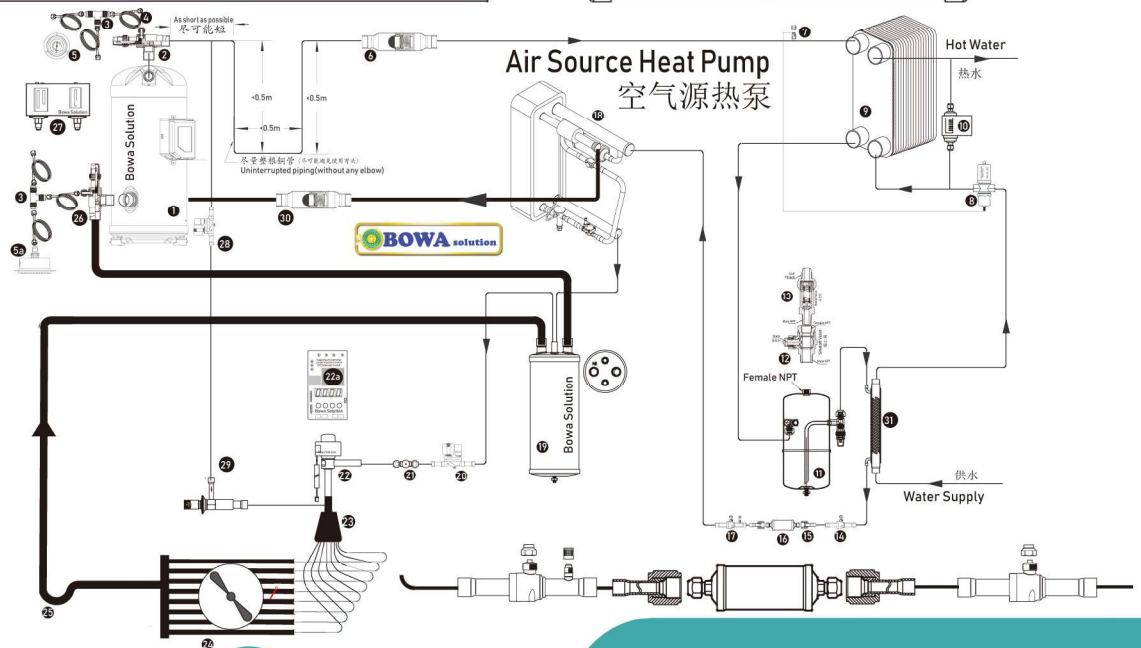
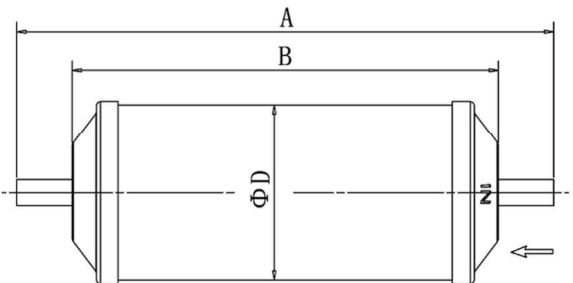
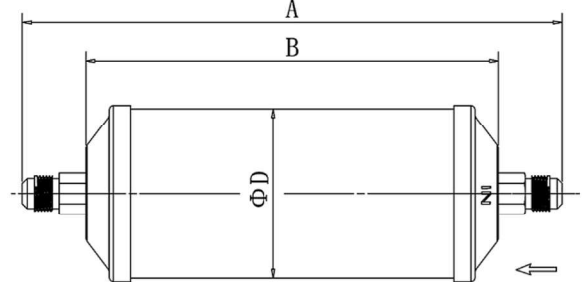
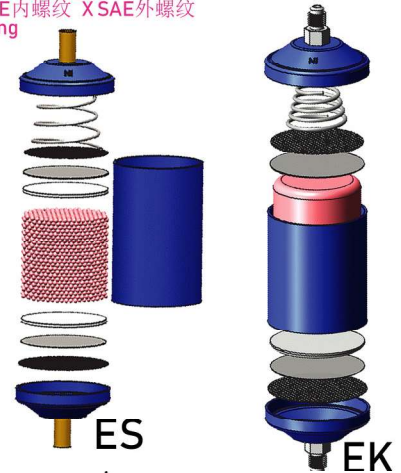


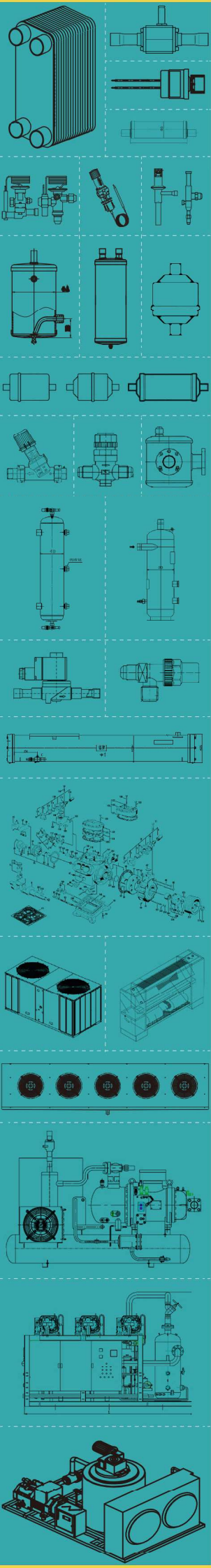
Unit: mm

2

2: 1/4"
3: 3/8"
4: 1/2"
5: 5/8"
6: 3/4"
7: 7/8"
9: 1-1/8"

S: 无: 默认英制SAE扩口螺纹 None: male SAE flare as default
S: 焊接口 Solder
NW: SAE内螺纹 X SAE外螺纹
O: O-Ring





规格 Model	压降1psi时流通能力冷吨 Flow Capacity Tons @ 1psi				干燥能力（水滴数） Water Capacity (Drops of Water)									
	R134a R450A R513A	R22 R410A R448A R449A	R407c	R404a R507	R134a		R410a		R22		R407c		R404a R507	
					75°F 24°C	125°F 52°C	75°F 24°C	125°F 52°C	75°F 24°C	125°F 52°C	75°F 24°C	125°F 52°C	75°F 24°C	125°F 52°C
EK032	2.0	2.2	2.1	1.4	40	37	21	19	40	33	33	25	38	37
EK032S	2.7	2.9	2.9	2.0										
EK033	3.0	3.3	3.2	2.2										
EK033S														
EK052	2.1	2.3	2.2	1.5	116	106	64	58	114	97	96	75	109	106
EK052S	3.1	3.4	3.3	2.2										
EK053	3.5	3.8	3.7	2.5										
EK053S	4.4	4.8	4.7	3.2										
EK082	2.3	2.5	2.4	1.7	237	218	159	118	235	200	195	155	224	217
EK082S	3.3	3.6	3.5	2.4										
EK083	4.0	4.3	4.3	2.9										
EK083S	4.5	4.9	4.8	3.3										
EK084	6.7	7.3	7.1	4.9	371	341	206	186	368	313	305	240	350	340
EK084S	7.1	7.7	7.5	5.1										
EK162	2.3	2.5	2.4	1.7										
EK162S	3.1	3.4	3.3	2.2										
EK163	3.9	4.2	4.1	2.8	371	341	206	186	368	313	305	240	350	340
EK163S	4.4	4.8	4.7	3.2										
EK164	6.1	7.3	6.5	4.2										
EK164S	8.5	7.5	9.0	6.2										
EK165	9.7	10.5	10.3	7.0	664	611	515	355	657	561	548	434	627	608
EK165S	10.1	10.9	10.7	7.3										
EK167S	15.5	16.8	16.5	11.2										
EK303	4.3	4.7	4.6	3.1										
EK303S	6.3	6.8	6.7	4.6	664	611	515	355	657	561	548	434	627	608
EK304	8.1	8.8	8.6	5.9										
EK304S	10.0	10.8	10.6	7.2										
EK305	10.6	11.5	11.3	7.7										
EK305S	11.8	13.1	12.8	8.3	938	854	715	465	919	785	765	607	876	850
EK306S	14.8	16.0	15.7	10.7										
EK307S	16.8	18.2	17.9	12.2										
EK309S	19.6	21.2	20.8	14.2										
EK413	4.3	4.7	4.6	3.1	938	854	715	465	919	785	765	607	876	850
EK414	10.4	11.3	11.1	7.5										
EK414S	10.8	11.7	11.5	8.1										
EK415	12.0	13.0	12.8	7.8										
EK415S	13.2	13.8	13.6	8.6										
EK417S	20.3	22.0	21.6	14.7										
EK419S	27.7	30.0	29.4	20.1										

20 drops of water = 1 gram = 1 cc 20滴水=1克=1CC
 Basing on Equilibrium point dryness (EPD) 基于平衡点干燥度
 1.) 50 parts per million for R134a, R404a/R410a and R407c制冷剂为百万分之50
 2.) 60 parts per million for R22 制冷剂为百万分之60
 参阅:《液管制冷剂干燥器的试验方法(GB/T 23684-2009)》
 Reference: ANSI/ASHRAE Standard 63.1-1995 (RA 2001)

¹ All ratings in accordance with ARI Standard 710-04.
 86°F liquid refrigerant temperature 5°F saturated vapor temperature
 3.1 lbs./min./ton for R-134a
 2.9 lbs./min./ton for R-22 and R-407C
 4.0 lbs./min./ton for R-404A/507 and R-12
 4.4 lbs./min./ton for R-502

² For 2 PSIΔP, Multiply values by 1.4

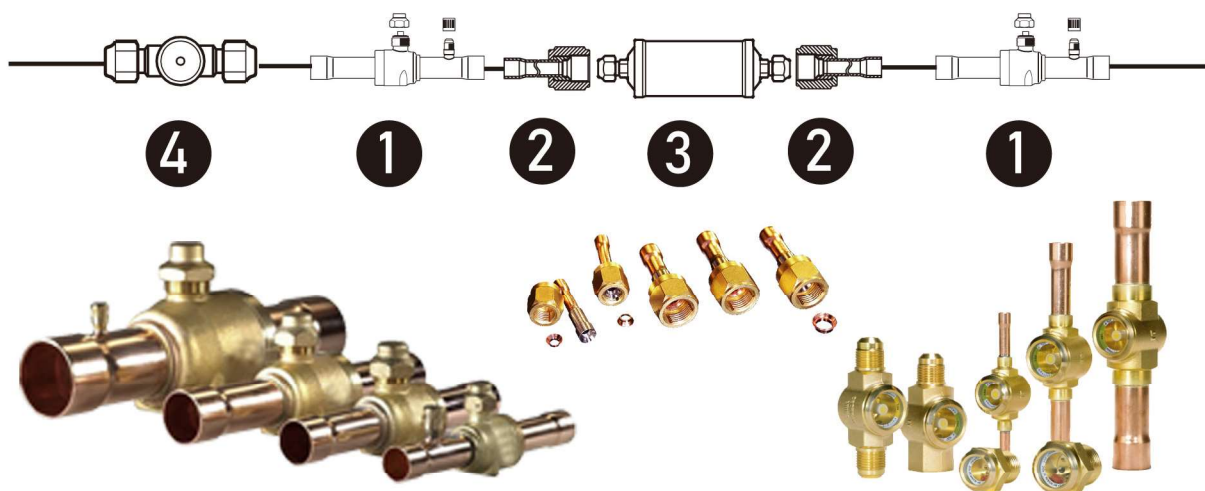
³ For kW, multiply by 3.5

如何选择干燥过滤器

- * 确保合适水力直径, 不产生较大压降;
- * 根据已知流通能力冷量表选择;
- * 根据工况选择合适干燥能力滤芯体积;
- * 选择合适连接类型和连接尺寸

How to select correct filter drier model

- * Calculate and select right hydraulic Diameter to avoid big pressure drop. Choose model basing on the above table;
- * Select right drying capacity at core value;
- * Select correct connection type and Size



液管尺寸 Liquid line Size	截止阀 Shutoff Valve		连接组件 Connection Sets	干燥过滤器 Filter Drier	视液镜 Sight Glass	Part Code
	类型Type	型号Model				
1/4"	Solder 焊接口	GBC-6A	-	EK-032S	SG-6S	RL06-001
				EK-052S		RL06-002
				EK-082S		RL06-003
				EK-162S		RL06-004
	SAE 扩口螺纹	DV-06	J-2	EK-032	SG-6	RL06-005
				EK-052		RL06-006
				EK-082		RL06-007
				EK-162		RL06-008
3/8"	Solder 焊接口	GBC-10A	-	EK-033S	SG-10S	RL10-001
				EK-053S		RL10-002
				EK-083S		RL10-003
				EK-163S		RL10-004
	SAE 扩口螺纹	DV-10	J-3	EK-033	SG-10	RL10-005
				EK-053		RL10-006
				EK-083		RL10-007
				EK-163		RL10-008
1/2"	Solder 焊接口	GBC-12A	-	EK-084S	SG-12S	RL12-001
				EK-164S		RL12-002
				EK-304S		RL12-003
				EK-414S		RL12-004
	SAE 扩口螺纹	DV-12	J-4	EK-084	SG-12	RL12-005
				EK-164		RL12-006
				EK-304		RL12-007
				EK-414		RL12-008
5/8"	Solder 焊接口	GBC-16A	-	EK-165S	SG-16S	RL16-001
				EK-305S		RL16-002
				EK-415S		RL16-003
	SAE 扩口螺纹	DV-16	J-5	EK-165	SG-16	RL16-004
				EK-305		RL16-005
				EK-415		RL16-006
7/8"	Solder 焊接口	GBC-22A	-	EK-167S	SG-22S	RL22-001
				EK-307S		RL22-002
				EK-417S		RL22-003
1-1/8"	Solder 焊接口	GBC-28A	-	EK-167S	SG-28S	RL28-001
				EK-307S		RL28-002
				EK-417S		RL28-003