

Filter drier shell Type PKA, CE



Features

- Matched well with all brands of 48 & 100 series filter drier cores and suction line cores.
- Rust proof Aluminum flange cover for easy mounting.
- Unique internal core holder.
- Full flow fittings for low pressure drop.
- Corrosion resistant epoxy powder paint finish, can be used in all environment.
- Sturdy steel shells for long life, solid copper or carbon steel connections.
- 100 mesh outlet screen.
- High filtering capability, high moisture absorption and acid removal.
- 1/4 NPT access hole.

Applications

The most important matter for the refrigeration system is to run at peak efficiency.

HPEOK Refrigeration's filter drier shells provide longer lasting protection from moisture and contaminants.

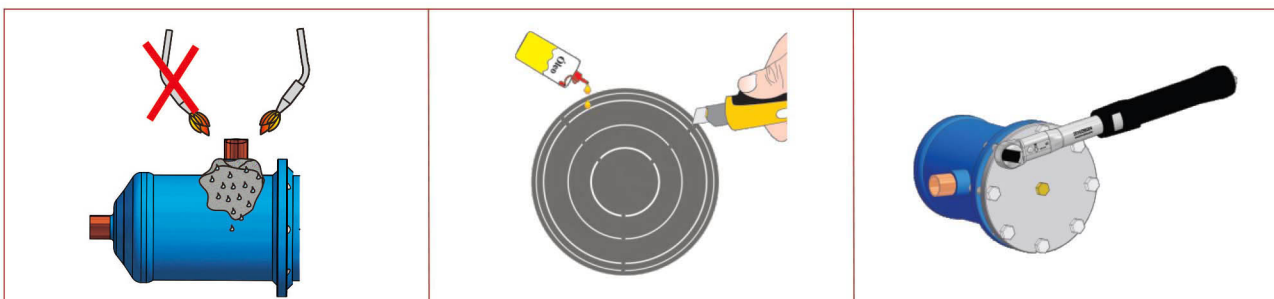
The filter drier shells are for use in liquid and/or suction lines in large commercial air conditioning and refrigeration systems.

Specification

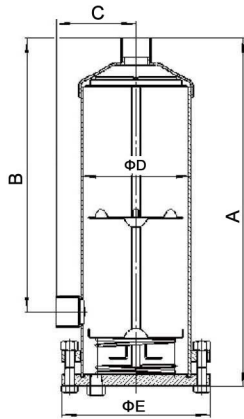
- Max. working pressure: 4.2Mpa, optional for R410A & CO₂
- D-48/H-48 for Liquid line
- F-48/X-48 for Suction line
- PKA Models are shipped without filter drier cores. See filter drier cores for availability. Uses 48 or 100 cubic inch cores.
- CE listed

Installation-Notes

1. Do not unpack blocks from the can until just prior to installations.
Early removal could result in desiccant contamination from ambient atmosphere.
2. Check the arrow on the label to insure correct flow direction.
Reverse flow may cause internal damage.
3. Install the filter drier shell upstream of the liquid line will give the maximum protection.
Install a moisture indicator to measure drying effectiveness.
4. Recommend installing with the inlet connector upwards or horizontal, which could avoid collected contaminant running out to the tubing when replacing the core.
Keep sufficient space for core replacement when installing a new filter drier shell.



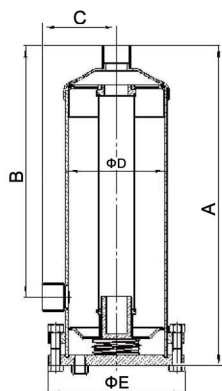
Filter drier shell Type PKA, CE



Specification

Part No.	Inlet & Outlet Size	Core Qty	Filtering surface (cm ²)	Dimensions (mm)				
				A	B	C	D	E
PKA-485	5/8	1	600	233	152	78	114	151
PKA-487	7/8			238	157	82		
PKA-489	1-1/8			240	159	84		
PKA-4811	1-3/8			243	162	87		
PKA-4813	1-5/8			245	164	88		
PKA-4817	2-1/8			251	170	92		
PKA-4821	2-5/8			268	170	116		
PKA-4824	3			266	168	116		
PKA-4825	3-1/8			263	165	116		
PKA-967	7/8	2	1200	383	301	82		
PKA-969	1-1/8			385	303	84		
PKA-9611	1-3/8			388	306	87		
PKA-9613	1-5/8			390	308	88		
PKA-9617	2-1/8			396	314	92		
PKA-9621	2-5/8			413	315	116		
PKA-9624	3			411	313	116		
PKA-9625	3-1/8			408	310	116		
PKA-1449	1-1/8	3	1800	521	438	84		
PKA-14411	1-3/8			524	441	87		
PKA-14413	1-5/8			526	443	88		
PKA-14417	2-1/8			532	449	92		
PKA-14421	2-5/8			550	452	116		
PKA-14424	3			548	450	116		
PKA-14425	3-1/8			545	447	116		
PKA-19211	1-3/8	4	2400	675	595	87		
PKA-19213	1-5/8			677	597	88		
PKA-19217	2-1/8			683	603	92		
PKA-19221	2-5/8			700	602	116		
PKA-19224	3			698	600	116		
PKA-19225	3-1/8			695	594	116		

Filter drier shell Type PKA, CE



Specification

Part No.	Inlet & Outlet Size	Core Qty	Filtering surface (cm ²)	Dimensions (mm)				
				A	B	C	D	E
PKA-10013	1-5/8	1	1040	288	180	106	152	200
PKA-10017	2-1/8			295	187	111		
PKA-10021	2-5/8			303	195	136		
PKA-10024	3			301	188	136		
PKA-10025	3-1/8			300	187	136		
PKA-20013	1-5/8	2	2080	453	345	106		
PKA-20017	2-1/8			460	352	111		
PKA-20021	2-5/8			468	360	136		
PKA-20024	3			466	363	136		
PKA-20025	3-1/8			465	352	136		
PKA-20028	3-1/2			464	341	136		
PKA-20029	3-5/8			463	340	136		
PKA-20034	4-1/4			467	344	136		
PKA-30013	1-5/8	3	3120	612	504	106		
PKA-30017	2-1/8			618	504	111		
PKA-30021	2-5/8			627	519	136		
PKA-30024	3			625	512	136		
PKA-30025	3-1/8			624	511	136		
PKA-30028	3-1/2			623	500	136		
PKA-30029	3-5/8			622	499	136		
PKA-30034	4-1/4			626	503	136		
PKA-30042	5-1/4			615	467	136		
PKA-40013	1-5/8	4	4160	786	678	106		
PKA-40017	2-1/8			792	684	111		
PKA-40021	2-5/8			801	693	136		
PKA-40024	3			799	686	136		
PKA-40025	3-1/8			798	685	136		
PKA-40028	3-1/2			797	674	136		
PKA-40029	3-5/8			796	673	136		
PKA-40034	4-1/4			800	677	136		
PKA-40042	5-1/4			789	641	136		

Filter drier shell Type PKA, CE



Filter drier
series

Specification

Part No.	Rated ARI value at standard status															Recommended value (Kw)				
	Water capacity-drop										Refrigerant flow capacity					Refrigeration		Air-conditioning		
	Refrigerant 12		Refrigerant 134a		Refrigerant 22		Refrigerant 404a/507		Refrigerant 502		On the basis of Pressure differential=0.014Mpa					Commerial Refrigeration and low-temperature unit		System of replace or Assemble on spot		
	25℃	50℃	25℃	50℃	25℃	50℃	25℃	50℃	25℃	50℃	R12	R134a	R22	R404A/507	R502	R12/R134a	R22	R404A/507&507	R12/R134a	R22
PKA-485	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	53.5	64.7	70.3	52.8	45.0	26.4	35.2	26.4	26.4	35.2
PKA-487	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	89.7	108	116	87.9	75.3	42.2	52.8	35.2	42.2	52.8
PKA-489	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	162	195	211	158	136	42.2	52.8	35.2	52.8	70.3
PKA-4811	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	183	234	250	230	197	42.2	52.8	35.2	52.8	70.3
PKA-4813	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	192	274	299	197	180	47.8	58.2	42.2	56.3	74.6
PKA-4817	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	205	310	338	236	217	49.3	64.9	47.1	60.2	78.5
PKA-4821	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	237	336	347	269	239	52.7	67.3	49.7	63.3	80.2
PKA-4824	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	257	361	378	293	262	55.4	70.2	56.9	66.1	83.4
PKA-4825	25.6	27.2	22.0	18.4	17.4	14.4	20.4	15.5	18.2	14.1	273	392	398	321	280	58.2	73.4	62.2	69.5	89.7
PKA-967	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	147	177	190	144	123	70.3	87.9	52.8	70.3	87.9
PKA-969	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	183	220	236	176	153	87.9	128	87.9	87.9	123
PKA-9611	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	221	255	276	195	187	111.5	152	111.1	111.1	155
PKA-9613	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	263	297	311	232	213	132.1	194	134.5	134.5	190
PKA-9617	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	293	332	329	367	303	135.1	203	157	156	208
PKA-9621	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	326	352	347	393	314	157	220	191	173	232
PKA-9624	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	356	378	369	432	349	181	240	210	193	257
PKA-9625	51.2	44.3	44.0	36.8	34.7	28.8	40.8	30.9	36.3	28.2	382	396	405	457	378	206	263	231	225	270
PKA-1449	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	28.2	220	265	285	215	184	106	141	106	106	141
PKA-14411	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	254	305	327	246	212	141	176	123	141	176
PKA-14413	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	282	374	358	270	245	183	205	134	173	206
PKA-14417	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	310	431	392	301	279	224	236	156	205	247
PKA-14421	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	441	469	432	486	416	243	257	182	216	264
PKA-14424	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	473	495	479	502	448	257	269	193	231	286
PKA-14425	76.8	66.5	66.0	55.2	52.1	43.2	61.2	46.4	54.5	42.3	505	518	525	537	486	263	279	214	243	291
PKA-19211	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	322	387	415	313	269	176	246	176	176	246
PKA-19213	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	373	447	478	362	312	211	281	193	211	287
PKA-19217	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	390	471	503	380	327	229	299	211	229	299
PKA-19221	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	423	495	528	498	342	243	243	232	241	325
PKA-19224	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	459	526	543	529	391	257	257	248	267	347
PKA-19225	102	88.6	88.0	73.6	69.4	57.6	81.6	61.8	72.6	56.4	472	548	567	572	425	263	263	269	283	351

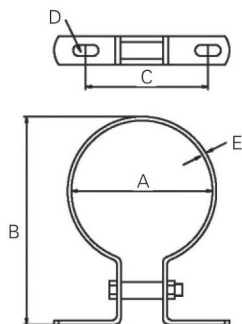
Filter drier shell Type PKA, CE

Filter drier
series

Specification

Part No.	Rated ARI value at standard status															Recommended value (Kw)				
	Water capacity-drop										Refrigerant flow capacity					Refrigeration		Air-conditioning		
	Refrigerant 12		Refrigerant 134a		Refrigerant 22		Refrigerant 404a/507		Refrigerant 502		On the basis of Pressure differential=0.014Mpa					Commercial Refrigeration and low-temperature unit		System of replace or Assemble on spot		
	25°C	50°C	25°C	50°C	25°C	50°C	25°C	50°C	25°C	50°C	R12	R134a	R22	R404A/507	R502	R12/R134a	R22	R404A/507&507	R12/R134a	R22
PKA-10013	25	36	76	58	44	31	43	33	43	30	191	190	280	240	156	67	98	59	63	106
PKA-10017	25	36	76	58	44	31	43	33	43	30	205	206	294	260	172	74	121	65	69	121
PKA-10021	25	36	76	58	44	31	43	33	43	30	221	225	302	287	191	82	145	72	75	139
PKA-10024	25	36	76	58	44	31	43	33	43	30	237	238	325	316	204	95	164	84	88	156
PKA-10025	25	36	76	58	44	31	43	33	43	30	242	249	342	339	230	102	173	91	98	170
PKA-20013	75	72	152	116	88	62	86	67	86	60	251	260	360	374	256	113	195	103	114	191
PKA-20017	75	72	152	116	88	62	86	67	86	60	265	273	382	390	280	128	209	112	132	207
PKA-20021	75	72	152	116	88	62	86	67	86	60	282	297	408	308	312	145	236	138	147	230
PKA-20024	75	72	152	116	88	62	86	67	86	60	305	319	431	321	340	162	251	153	165	243
PKA-20025	75	72	152	116	88	62	86	67	86	60	331	327	453	336	367	179	266	171	180	264
PKA-20028	75	72	152	116	88	62	86	67	86	60	353	341	476	359	381	193	282	186	193	280
PKA-20029	75	72	152	116	88	62	86	67	86	60	371	364	498	378	305	219	308	205	205	301
PKA-20034	75	72	152	116	88	62	86	67	86	60	398	382	521	391	323	242	329	221	221	323
PKA-30013	225	107	225	173	134	93.9	132	99.6	131	88.5	422	510	545	411	355	264	352	246	264	352
PKA-30017	225	107	225	173	134	93.9	132	99.6	131	88.5	447	534	579	433	370	285	367	267	279	374
PKA-30021	225	107	225	173	134	93.9	132	99.6	131	88.5	473	556	602	457	389	302	385	285	285	391
PKA-30024	225	107	225	173	134	93.9	132	99.6	131	88.5	482	572	617	462	396	315	399	292	296	404
PKA-30025	225	107	225	173	134	93.9	132	99.6	131	88.5	492	589	635	480	405	329	413	299	307	417
PKA-30028	225	107	225	173	134	93.9	132	99.6	131	88.5	501	600	654	486	407	336	422	305	317	423
PKA-30029	225	107	225	173	134	93.9	132	99.6	131	88.5	510	610	672	492	410	343	431	310	324	429
PKA-30034	225	107	225	173	134	93.9	132	99.6	131	88.5	523	632	694	511	427	369	457	324	335	441
PKA-30042	225	107	225	173	134	93.9	132	99.6	131	88.5	543	657	718	535	456	391	481	359	362	476
PKA-40013	300	143	301	231	178	125	175	133	174	118	515	632	681	493	421	351	426	321	352	424
PKA-40017	300	143	301	231	178	125	175	133	174	118	545	654	703	528	457	387	457	352	387	457
PKA-40021	300	143	301	231	178	125	175	133	174	118	573	694	729	549	478	401	480	370	401	492
PKA-40024	300	143	301	231	178	125	175	133	174	118	608	734	754	570	499	415	503	388	415	527
PKA-40025	300	143	301	231	178	125	175	133	174	118	631	754	776	591	520	438	526	409	436	558
PKA-40028	300	143	301	231	178	125	175	133	174	118	659	776	795	623	547	461	559	433	462	579
PKA-40029	300	143	301	231	178	125	175	133	174	118	673	792	816	649	574	485	573	457	491	593
PKA-40034	300	143	301	231	178	125	175	133	174	118	698	803	832	673	598	507	591	482	512	617
PKA-40042	300	143	301	231	178	125	175	133	174	118	720	831	857	699	627	529	615	504	536	633

Mounting Bracket



Specification

Part No.	PKGJ-114	PKGJ-152
A (mm)	126	152
B (mm)	165	189
C (mm)	95	102
D (mm)	10.5X20 (mounting hole)	
E (mm)	3	