

Filter Drier Shells Series ADKS-Plus

For Liquid- and Suction Applications with Replaceable Cores

Features

- Rustproof Aluminum flange cover with notch hole for ease of mounting
- ODF Copper fittings for easy soldering
- Rigid core holder from steel (no plastic)
- Service-friendly core holder and flange cover
- Optimum flow capacity at low pressure drop
- Temperature range TS: -45°C to +65°C
- Max. allowable pressure PS:
34.5 bar (-10°C to +65°C)
25.9 bar (-45°C to -10°C)
- CE marking according PED 97/23 EC
-  Underwriter Laboratories



ADKS-Plus

Type ADKS-Plus	Part No.	Connection Solder/ODF		Nominal Flow Capacity (kW)													Number of Blocks S48, H48 W48, F48	
				Pressure Drop 0.07 bar														
		mm	inch	R22	R134a	R404A/R507	R407A	R407F	R407C	R410A	R22	R448A	R449A	R450A	R513A	R1234ze		
Conformity assessment cat. I, procedure module A																		
485T	883 551	16	⅝	78	72	51	68	75	75	77	100	68	67	66	63	63	1	
487T	883 552	22	⅞	145	133	95	126	140	138	143	182	126	124	122	116	116		
489T	883 553		1 ⅝	204	187	133	177	197	195	202	262	178	174	172	163	164		
4811T	883 554	35	1 ⅜	285	261	186	247	275	272	281	355	248	243	239	228	228		
4813T MM	883 836	42		310	284	202	268	299	196	306	390	270	265	260	248	249		
4817	882 603	54	2 ⅝	Primary for suction line applications													2	
967T	883 555	22	⅞	159	146	104	138	153	152	157	199	139	136	134	127	128		
969T	883 556		1 ⅝	250	229	163	217	241	239	247	300	218	214	210	200	201		
9611T	883 557	35	1 ⅜	305	279	199	264	294	291	301	402	266	260	256	244	245		
9613T	883 558		1 ⅝	350	321	228	303	337	334	345	470	305	299	294	280	281		
9613T MM	883 559	42		355	325	231	307	342	339	350	480	309	303	298	284	285		
9617	887 215	54		350	321	228			334	345	470	305	299	294	280	281	3	
1449T	883 560		1 ⅝	252	231	165	219	243	241	249	313	220	216	212	202	202		
14411T	883 561	35	1 ⅜	351	322	229	304	339	335	347	438	306	300	295	281	282		
14413T	883 562		1 ⅝	354	325	231	307	342	338	350	482	309	303	298	284	284		
14413T MM	883 563	42		360	330	235	312	347	343	355	490	314	307	302	288	289		
14417T	883 564	54	2 ⅝	420	385	274	364	405	401	415	560	366	359	353	336	337	4	
Conformity assessment cat. II, procedure module D1																		
19211T	883 565	35	1 ⅜	358	328	233	310	345	342	353	440	312	306	301	287	287		
19213T	883 566		1 ⅝	395	362	258	342	381	377	390	506	344	337	332	316	317		
19213T MM	883 567	42		400	366	261	346	386	382	395	510	349	342	336	320	321		
19217T	883 568	54	2 ⅝	430	394	281	373	415	411	425	567	375	368	361	344	345		

Correction factors for other than the nominal conditions use the correction factors given in tables at the end of liquid line filter driers BFK, ADK, FDB, ADKS, FDH, FDS Cores see next page.

Type ADKS-Plus	Part No.	Connection Solder/ODF		Nominal Flow Capacity (kW)						Number of Blocks S48, H48 W48, F48
				Pressure Drop 0.14 bar						
		mm	inch	R134a	R404A/R507	R407A	R407F	R407C	R410A	
Conformity assessment cat. I, procedure module A										
485T	883 551	16	¾	92	65	87	96	95	99	1
487T	883 552	22	¾	167	119	158	175	174	180	
489T	883 553		1 ¼	240	171	227	252	250	258	
4811T	883 554	35	1 ¾	325	231	307	342	338	350	
4813T MM	883 836	42		357	254	338	376	372	385	
4817	882 603	54	2 ¼							
967T	883 555	22	¾	182	129	172	191	189	196	2
969T	883 556		1 ¼	275	196	260	289	286	296	
9611T	883 557	35	1 ¾	369	262	348	388	384	397	
9613T	883 558		1 ¼	431	306	407	453	448	464	
9613T MM	883 559	42		440	313	416	463	458	474	
9617	887 215	54		431	306			448	464	
1449T	883 560		1 ¼	287	204	271	302	299	309	3
14411T	883 561	35	1 ¾	401	285	379	422	417	432	
14413T	883 562		1 ¼	441	314	417	464	460	476	
14413T MM	883 563	42		449	319	424	472	467	484	
14417T	883 564	54	2 ¼	513	365	485	540	534	553	
Conformity assessment cat. II, procedure module D1										
19211T	883 565	35	1 ¾	403	287	381	424	419	434	4
19213T	883 566		1 ¼	464	330	438	488	483	500	
19213T MM	883 567	42		467	333	442	492	487	503	
19217T	883 568	54	2 ¼	519	370	491	547	541	560	

Correction factors for other than the nominal conditions use the correction factors given in tables at the end of liquid line filter driers BFK, ADK, FDB, ADKS, FDH, FDS
Cores see next page.

Nominal Operating Conditions

Nominal capacity (Q_n) is based on the following conditions:

Refrigerant	Evaporating temperature	Liquid temperature
R744	-40°C	-10°C
R22, R134a, R404A, R407C, R410A, R507	-15°C	+30°C
R448A, R449A		
R450A		
R513A, R1234ze		