

CKL SERIES

Condensate Moisture Separator

70 – 753 SCFM

Operating Pressure	232 PSIG
Volume Flow Rate	70 – 753 SCFM
Connections	3/8" to 3" NPT
Operating Temperature	35 – 149 F

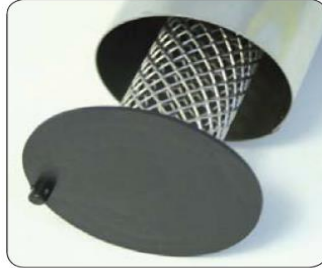
CKL-B condensate separators have been developed for high efficient removal of bulk liquids from compressed air and vacuum systems. Inside the housing there is an element with vanes that creates controlled rotation of the air. As a result of centrifugal action liquids (water, oil) and large particles are forced to the housing wall, slowed down and accumulated at the bottom of separator housing as condensate. The turbulent free zone in the lower part of the filter housing prevents condensate from being picked up and “carried over” into the airstream. To discharge condensate from the CKL-B cyclone separator it is essential to install automatic or electronic condensate drain.



APPLICATIONS

- automotive
- electronics
- food and beverage
- chemical
- petrochemical
- plastics





Filter housing size	Pipe size	Max.oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Temperature oper. range		Dimensions [mm]			
	DN		Nm ³ /h	SCFM	°C	°F	A	B	C	D
CKL 005 B	3/8	16/232	120	70	1,5 - 65	35 - 149	187	88	20	60
CKL 007 B	1/2	16/232	155	91	1,5 - 65	35 - 149	187	88	20	60
CKL 010 B	3/4	16/232	235	138	1,5 - 65	35 - 149	257	88	20	80
CKL 018 B	1	16/232	365	215	1,5 - 65	35 - 149	263	125	32	100
CKL 047 B	1 1/2	16/232	770	452	1,5 - 65	35 - 149	461	125	32	140
CKL 094 B	2	16/232	1280	753	1,5 - 65	35 - 149	684	163	43	520

CORRECTION FACTORS

Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13



GKL SERIES

COMPRESSED AIR SPECIALIST