

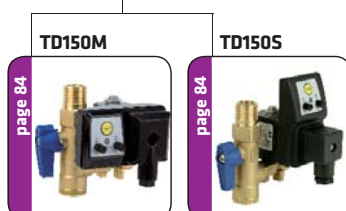
CKL-HF SERIES

CAST ALUMINIUM CONDENSATE SEPARATORS

operating pressure	50 bar
volume flow rate	71 to 799 Nm³/h
connections	1/2" to 2"
operating temp. range	1,5 to 65°C
standard colour	RAL 7040

APPLICATIONS

- automotive
- electronics
- food & beverage
- chemical
- petrochemical
- plastics
- PET
- general industrial application



CONDENSATE DRAINS

DESCRIPTION

CKL-HF condensate separators have been specifically developed for high efficient removal of bulk liquids from compressed air systems. Inside the housing there is a condensate separator element. This element separates already liquefied water from mainstream and prevents the liquids and large particles from being airborne again. To discharge condensate from the CKL-HF condensate separator it is essential to install automatic or electronic condensate drain.



TECHNICAL DATA - CKL-HF CONDENSATE SEPARATORS

Model	Pipe size	Max. oper. pressure	Flow rate at 7 bar(g), 20°C		Temperature oper. range		Dimensions [mm]				Mass
	DN	bar/psi	Nm³/h	SCFM	°C	°F	A	B	C	D	kg
CKL-HF 007	1/2"	50/725	71	42	1,5 - 65	35 - 149	250	110	30	80	2,1
CKL-HF 010	3/4"	50/725	112	66	1,5 - 65	35 - 149	250	110	30	90	2,1
CKL-HF 018	1"	50/725	204	120	1,5 - 65	35 - 149	250	110	30	140	2,1
CKL-HF 047	1 1/2"	50/725	282	166	1,5 - 65	35 - 149	535	160	45	260	9,5
CKL-HF 070	1 1/2"	50/725	400	235	1,5 - 65	35 - 149	535	160	45	360	9,5
CKL-HF 094	2"	50/725	494	291	1,5 - 65	35 - 149	715	160	45	540	12,2
CKL-HF 150	2"	50/725	799	470	1,5 - 65	35 - 149	715	160	45	550	12,2



quality class - solids (ISO 8573-1)

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quality class - water (ISO 8573-1)

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quality class - oils (ISO 8573-1)

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efficiency

>98%

CORRECTION FACTORS

Operating pressure [bar]	3	5	7	10	13	16	20	30	40	50
Operating pressure [psi]	44	72	100	145	189	232	290	435	580	725
Correction factor	0,50	0,75	1	1,38	1,75	2,13	2,63	3,88	5,13	6,38