

CKL-CHP SERIES

CARBON STEEL HIGH PRESSURE CONDENSATE SEPARATORS

operating pressure	100, 250, 400 bar
volume flow rate	40 to 715 Nm³/h
connections	1/4" to 2"
operating temp. range	1,5 to 65°C
surface protection	Nickel plated 25 µm

APPLICATIONS

- general industrial applications
- automotive
- electronics
- food and beverage
- chemical
- petrochemical
- plastics
- paint



VALVE



DRAIN VALVE

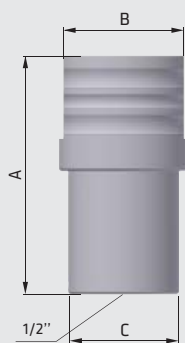
DESCRIPTION

CKL-CHP condensate separators have been 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 liquified water from mainstream and prevents the liquids and large particles from being airborne again. To discharge condensate from the CKL-CHP condensate separator it is essential to install automatic or electronic condensate drain.



TECHNICAL DATA - CKL-CHP CONDENSATE SEPARATORS

Filter housing size	Pipe size	Max. oper. pressure	Flow rate at 7 bar(g), 20°C		Temperature oper. range		Dimensions [mm]			Mass
	inch		Nm³/h	scfm	°C	°F	A	B	C	
CKL-CHP 003	1/4"	100/250/400	40	23,5	1,5 - 65	35 - 149	165	83,5	70	4,6
CKL-CHP 005	3/8"	100/250/400	70	41,2	1,5 - 65	35 - 149	165	83,5	70	4,6
CKL-CHP 007	1/2"	100/250/400	130	76,5	1,5 - 65	35 - 149	210	105	85	8,7
CKL-CHP 010	3/4"	100/250/400	195	115	1,5 - 65	35 - 149	210	105	85	9,3
CKL-CHP 018	1"	100/250/400	275	162	1,5 - 65	35 - 149	253	119	100	11,6
CKL-CHP 030	1 1/4"	100/250/400	380	223	1,5 - 65	35 - 149	303	119	100	16
CKL-CHP 047	1 1/2"	100/250/400	495	291	1,5 - 65	35 - 149	329	146	130	26,5
CKL-CHP 094	2"	100/250/400	715	421	1,5 - 65	35 - 149	415	182	150	49



quality class - solids (ISO 8573-1)	-
quality class - water (ISO 8573-1)	8
quality class - oils (ISO 8573-1)	-
efficiency	>98%

CORRECTION FACTORS

Operating pressure [bar]	7	25	40	64	100	250	400
Operating pressure [psi]	100	362	580	928	1450	3625	5800
Correction factor	1	3	5	8	12	12	12