

BEKOBLIZZ® LC

THE COMPRESSED AIR CHILLER



Overcoming bottlenecks, decreasing cost pressure and fulfilling increasing quality requirements: Challenges to the cooling or conditioning in production processes.

The solution: BEKOBLIZZ® LC from BEKO. Chills economical with +5 °C cold compressed air. No CO₂ or N₂.

Be it in laboratories, in a workshop or in huge production facilities:

The possibilities for a BEKOBLIZZ® LC application are manifold.

+1:



COLD COMPRESSED AIR AT +5 °C

+2:

EASY INSTALLATION, SAFE OPERATION

+3:

INCREASES PROCESS RELIABILITY

+4:

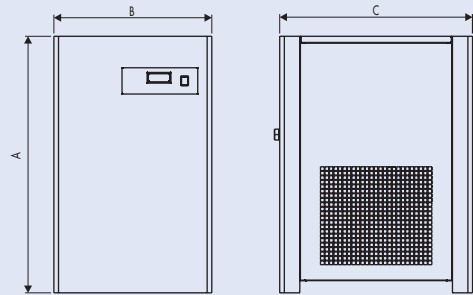
**OPTIMAL PRODUCTIVITY BY
REDUCED CYCLE TIMES**

+5:

**SHORT PAYBACK TIME,
OFTEN LESS THAN 12 MONTHS**

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TECHNICAL DATA

Model	Air flow			Air connection in / out	Power supply (ph/V/Hz)	Input power (kW)	Dimensions mm			Weight kg
	Nm ³ /h	NI/min	Scfm				a (height)	b (width)	c (depth)	
BEKOBLIZZ® LC 2	12	200	7	G 3/8" BSP-F	1/230-240/50	0.2	445	370	450	28
BEKOBLIZZ® LC 6	36	600	21	G 3/8" BSP-F	1/230-240/50	0.3	445	370	450	29
BEKOBLIZZ® LC 10	58	1000	35	G 1/2" BSP-F	1/230-240/50	0.5	830	510	625	37
BEKOBLIZZ® LC 15	90	1500	53	G 3/4" BSP-F	1/230-240/50	0.7	830	510	625	59
BEKOBLIZZ® LC 20	116	1930	68	G 3/4" BSP-F	1/230-240/50	0.9	830	510	625	61
BEKOBLIZZ® LC 25	150	2500	88	G 1" BSP-F	1/230-240/50	1.0	870	560	725	81
BEKOBLIZZ® LC 40	240	4000	141	G 1" BSP-F	1/230-240/50	1.5	1,240	580	655	122
BEKOBLIZZ® LC 60	360	6000	212	G 1 1/2" BSP-F	1/230-240/50	2.1	1,240	580	655	130
BEKOBLIZZ® LC 80	480	8000	283	G 2" BSP-F	3/400-415/50	3.3	1,700	607	1,155	218
BEKOBLIZZ® LC 100	600	10000	353	G 2" BSP-F	3/400-415/50	3.8	1,700	607	1,155	235
BEKOBLIZZ® LC 120	720	12000	424	G 2" BSP-F	3/400-415/50	4.5	1,700	607	1,155	245

Technical data refers to an ambient temperature of 25 °C, a compressed air input pressure of 7 bar (g) and 35 °C compressed air input temperature.

Pressure dew point	≤ 5 °C
Output temperature compressed air	≤ 5 °C
Min./Max. ambient temperature	1 °C / 45 °C
Max. input pressure	14 bar (g)

Models LC 10 to LC 120 are equipped with BEKOMAT® condensate drain, models LC 2 to LC 6 with automatic diverter.

Operation pressure bar (g)	2	4	5	7	8	10	12	14
Operation pressure psi	29	58	72.5	101.5	116	145	174	203
Correction factor	0,58	0,77	0,85	1	1,06	1,15	1,21	1,25

Ambient temperature °C	25	30	35	40	45			
Ambient temperature °F	77	86	95	104	113			
Correction factor	1	0,98	0,95	0,88	0,8			

Compressed air input temperature °C	≤ 25	30	35	40	45	50	55	
Ambient temperature °F	≤ 77	86	95	104	113	122	131	
Correction factor	1,39	1,2	1	0,8	0,63	0,51	0,46	

Compressed air output temperature °C / pressure dew point	3-5	6-9	10-13	14-18			
Compressed air output temperature °F / pressure dew point	37-41	43-48	50-55	57-64			
Correction factor	1	1,73	1,69	2,01			

For cooling specifications below 0 °C we would be pleased to inform you about further possibilities of the BEKOBLIZZ® technology.

Subject to technical changes without prior notice; the information and data do not represent product characteristics within the meaning of the German Civil Code (BGB)

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