

# Mbsm.pro, Cubigel, Compressor, B43CB, R600a, LBP, 1/12 HP, 4.3cc, B SERIES

Category: compressor

written by Lilianne | 24 March 2024



## R600a - LBP COMPRESSORS – B SERIES

Model	Power supply (V/Hz)	Displacement $\square$ cm <sup>3</sup> $\square$	Cooling Capacity(W)	C.O.P(W/W)	Motor Type	Certification
<b>B Series</b>						
B30C	220 $\square$ 240/50	3.1	50	1.05	RSIR	
	50		58	1.15	RSIR	
	220 $\square$ 240/50		56	1.05	RSIR	
	50		63	1.20	RSIR	
B35C	220 $\square$ 240/50	3.5	56	1.25	RSIR	CCC VDE CB
	50		63	1.35	RSIR	
	220 $\square$ 240/50		56	1.35	RSCR	
	50		56	1.35	RSCR	CCC VDE CB
B35CA	220 $\square$ 240/50	3.5	56	1.35	RSCR	CCC VDE CB

B35C5B	110□115/60	3.5	65	1.25	RSIR	UL CUL
			65	1.35	RSIR	
B35C5BL	110□120/60	3.5	65	1.45	RSCR	UL CUL
	220□240/50		68	1.05	RSIR	
	220□240/60		78	1.15	RSIR	
B43CB	220□240/50	4.3	68	1.25	RSCR	CCC VDE CB
	220□240/60		78	1.35	RSCR	
	220□240/50		68	1.40	RSCR	
	/					
B43C0	100/50□60	4.3	78	1.25	RSIR	
			78	1.25	RSIR	
B43C5B	110□115/60	4.3	78	1.35	RSIR	UL CUL
B43C5B	127/60	4.3	78	1.30	RSIR	CB
B43C5BL	110□120/60	4.3	78	1.45	RSCR	UL CUL
			78	1.10	RSIR	
B52C	220□240/50	5.2	78	1.25	RSIR	CCC VDE CB
			78	1.40	RSCR	
	220□240/50		78	1.25	RSIR	
B52CL	220□240/60	5.2	95	1.25	RSIR	CCC VDE CB
B52C5BL	110□120/60	5.2	95	1.40	RSCR	UL CUL
B52C0	100/50□60	5.2	95	1.25	RSIR	
			95	1.15	RSIR	
			95	1.25	RSIR	
B60CB	220□240/50	6.0	95	1.35	RSIR	CCC VDE CB
			95	1.45	RSCR	
			95	1.30	RSIR	
			95	1.40	RSCR	
B60CBL	220□240/50	6.0	95	1.40	RSCR	CCC VDE CB
			95	1.55	RSCR	
	220□240/60		110	1.40	RSIR	CCC VDE
	110□120/60		110	1.30	RSIR	
B60C5BL	110□120/60	6.0	110	1.40	RSCR	UL CUL
B65CL	220□240/50	6.5	100	1.25	RSIR	

\* **TOLERANCE: Capacity: ≥95%, Input Power: ≤115%, Current: ≤110%, C.O.P≥93%;**  
**HBP-Evaporator Temperature: -5□~15□**

\* **COOLING TYPE: ST=Static Cooling, FC=Fan Cooling, OC=Oil Cooling**

**Note:** This datasheet describes certain operational parameters and conditions for operation of this product. If this product is operated outside of the parameters and conditions stated herein, buyer assumes sole and full responsibility.

Test Conditions	LBP	MHBP	Conversion Table	
	ASHRAE	CECOMAF	ASHRAE	CECOMAF
Evaporator Temp.□	-23.3	7.2	1 Kcal/h×1.163=W	
Ambience Temp.□	32.2	35.0	2 Kcal/h×3.968=Btu/h	
			3 W×3.412=Btu/h	

Condenser Temp. □	54.4	54.4	4 $W \times 0.864 =$ Kcal/h
Suction Temp. □	32.2	35.0	5 $EER = COP \times 3.412$
Subcooling Temp. □	32.2	46.1	6 Capacity(at 50Hz) $\times 1.16 =$ Capacity(at 60Hz)

