



LG BC Series Ultra Compact Reciprocating Compressor Instructions

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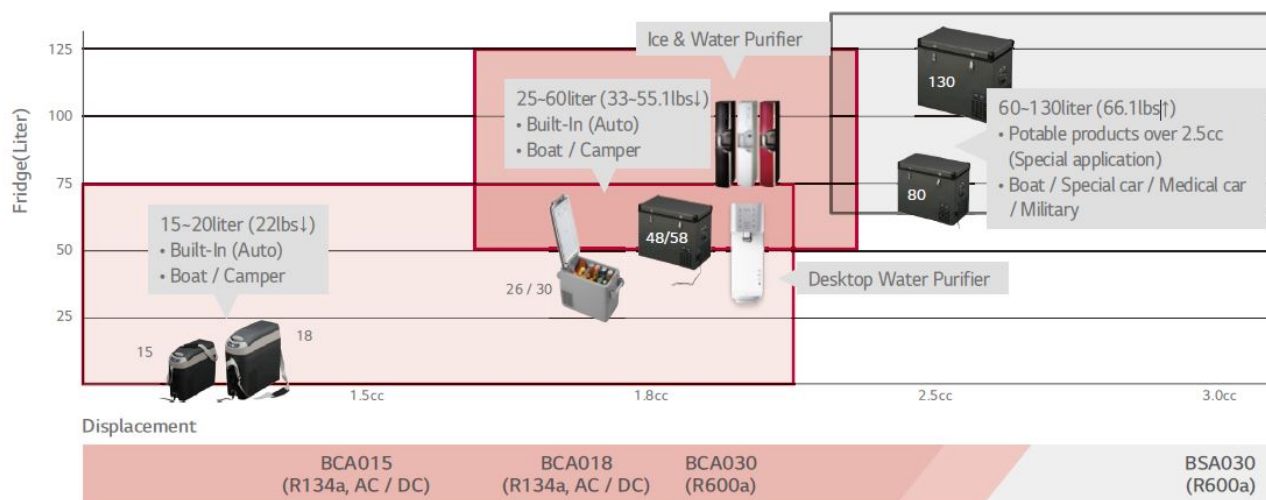
LG BC-Series Ultra-Compact Reciprocating Compressor



WHY LG ULTRA-COMPACT RECIPROCATING COMPRESSORS?

- Only 1.5kg Minimized volume for compact application
- Energy-saving Higher efficiency solution with inverter drive
- Low knocking noise at vehicle driving condition
- Low-speed operation down to 35Hz Trouble-free operation at low speed

APPLICATION COVERAGE



SPECIFICATIONS

Ref rig era nt	Mode l	Speed r ange	Spe ed		Cap acity	Performance ASHRAE-23.3 °C/54.4 °C		EER	COP	Volta ge / F reque ncy
		RPM	RP M	Kcal/h r	Btu/ W·hr	Btu/W ·hr	Btu/W·hr		W/W	V/Hz
R6 00a	BCA0 30NA MV	2,400~ 4 ,200	4,20 0	52	206	60	5.04		1.48	220~2 40V 50/60 Hz
			3,60 0	49	193	57	5.08		1.49	
			3,00 0	41	161	47	5.07		1.48	
			2,40 0	30	118	35	4.26		1.25	
	BCA0 30NA MV	2,400~ 4 ,200	4,20 0	52	206	60	4.62		1.35	100~1 27V 50/60 Hz
			3,60 0	49	193	57	4.67		1.37	
			3,00 0	41	161	47	4.62		1.35	
			2,40 0	30	118	35	3.92		1.15	
R1 34a	BCA0 18LA MV	2,400~ 4 ,200	4,20 0	42	165	48	4.10		1.20	220~2 40V 50/60 Hz
			3,60 0	38	151	44	4.37		1.28	
			3,00 0	35	139	41	4.37		1.28	
			2,40 0	29	117	34	4.46		1.31	
	BCA0 18LA VV	2,400~ 4 ,500	4,20 0	42	165	48	3.91		1.15	12/24 V DC
			3,60 0	38	151	44	3.44		1.01	
			3,00 0	35	139	41	3.04		0.89	
			2,40 0	29	117	34	2.84		0.83	

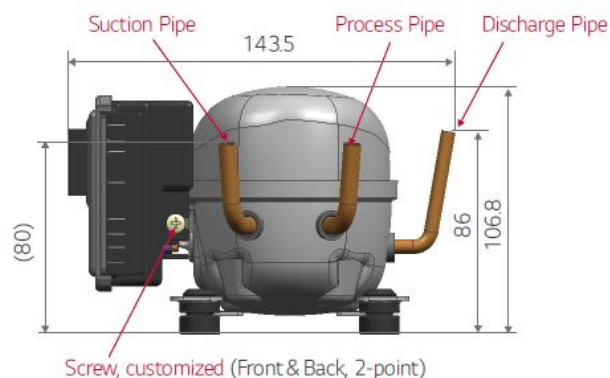
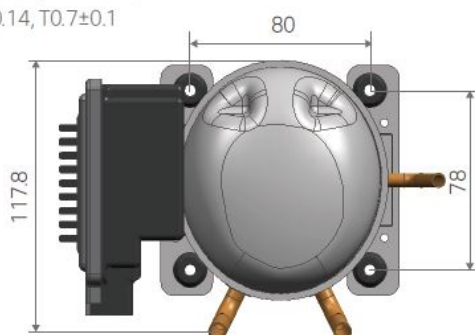
BCA0 15LA VV	2,400~ 4,500	4,200	28	112	33	4.18	1.22	12/24 V DC
		3,600	25	100	29	3.70	1.08	
		3,000	21	83	24	3.26	0.95	
		2,400	17	67	20	3.04	0.89	

* Unit : mm

• Suction Pipe : ID6.54±0.14, T0.7±0.1

• Discharge Pipe : ID4.9+0.1/ 0, T0.7 +0.1/-0.2

• Process Pipe : ID6.54 ±0.14, T0.7±0.1



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For Continual product development, LG reserves the right to change the specifications without notice.

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Documents / Resources

	LG BC Series Ultra Compact Reciprocating Compressor [pdf] Instructions BC Series, Ultra Compact Reciprocating Compressor
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References

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