
ULTRA COMPACT RECIPROCATING COMPRESSOR

COMPRESSOR TECHNOLOGY
for Transportable refrigeration / Freezer box

Smart Total Component Solutions

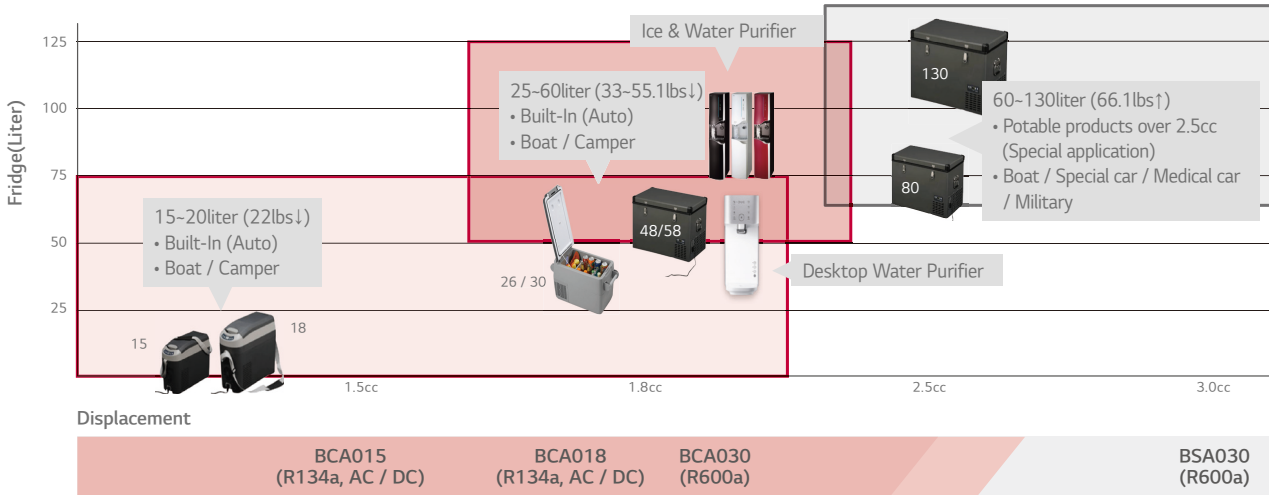
LG compressors are built under precise quality standards and exacting durability requirements for the global marketplace. With LG Compressors, you can be sure to reach your targets whatever they may be.



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

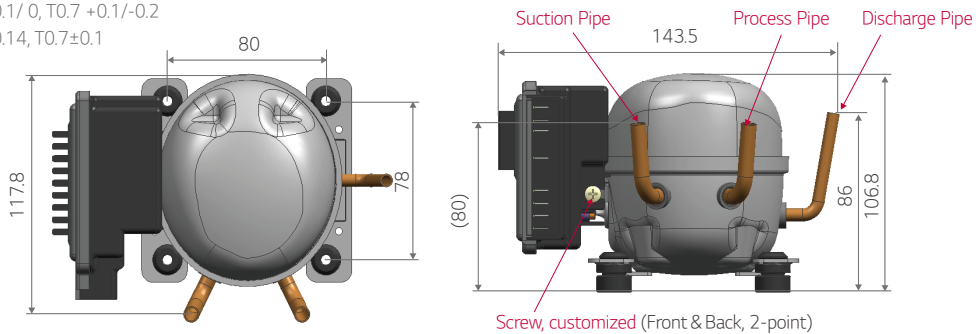


SPECIFICATIONS

Refrigerant	Model	Speed range	Speed	Performance					Voltage / Frequency
				ASHRAE-23.3 °C/54.4 °C					
				Capacity		EER	COP		
RPM	RPM	Kcal/hr	Btu/W-hr	Btu/W-hr	Btu/W-hr	W/W	W/W	V/Hz	
R600a	BCA030NAMV	2,400- 4,200	4,200	52	206	60	5.04	1.48	220-240V 50/60Hz
			3,600	49	193	57	5.08	1.49	
			3,000	41	161	47	5.07	1.48	
			2,400	30	118	35	4.26	1.25	
	BCA030NAMV	2,400- 4,200	4,200	52	206	60	4.62	1.35	100-127V 50/60Hz
			3,600	49	193	57	4.67	1.37	
			3,000	41	161	47	4.62	1.35	
			2,400	30	118	35	3.92	1.15	
R134a	BCA018LAMV	2,400- 4,200	4,200	42	165	48	4.10	1.20	220-240V 50/60Hz
			3,600	38	151	44	4.37	1.28	
			3,000	35	139	41	4.37	1.28	
			2,400	29	117	34	4.46	1.31	
	BCA018LAVV	2,400- 4,500	4,200	42	165	48	3.91	1.15	12/24V DC
			3,600	38	151	44	3.44	1.01	
			3,000	35	139	41	3.04	0.89	
			2,400	29	117	34	2.84	0.83	
BCA015LAVV	2,400- 4,500	4,200	28	112	33	4.18	1.22	12/24V 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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