

*Ultra Compact
BLDC Inverter Compressor*

DUKE



Embrital
compressor solutions

PERFORMANCE

220~240 VAC

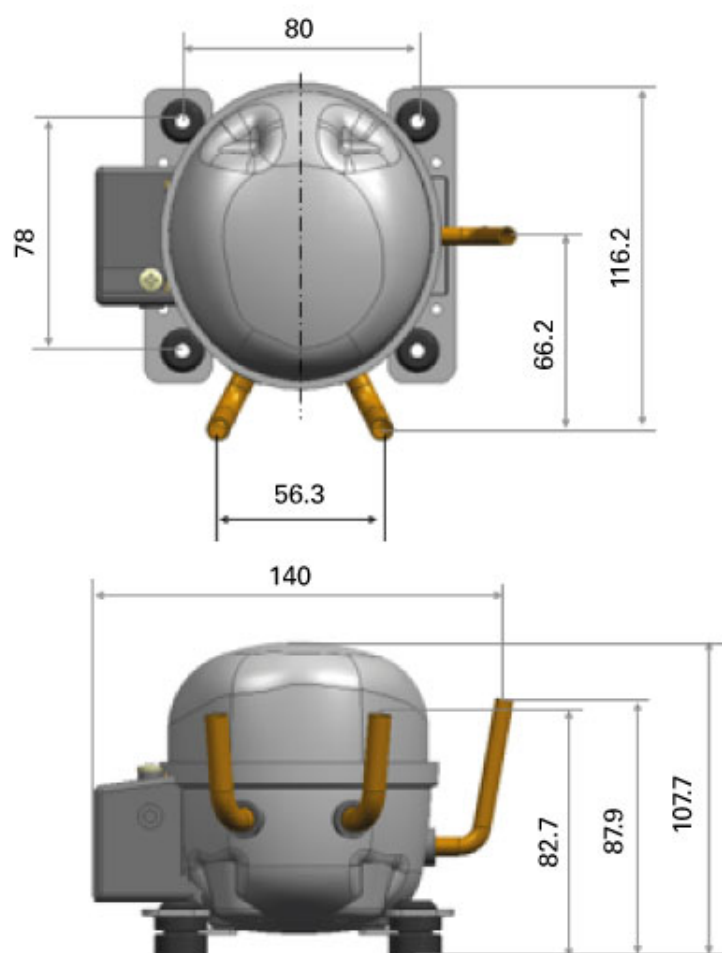
Model	Refrigerant	Rate			Performance (Spec)			Performance (Actual)			Noise	Resistance	Weight
		Voltage	Running Speed		@ASHRAE -23.3°C/54.4°C			@ASHRAE -23.3°C/54.4°C			@ ASHRAE	(Ω)	Charged Oil
					Capacity	Efficiency	Capacity	Efficiency	-23.3°C/54.4°C	At 75°C			
		[V]	RPM	Hz	[W]	Btu/Wh	W/W	[W]	Btu/Wh	W/W	dB(A)	Ohm	kg
BCA030N	R600a	220~240	2,400	40	32	3.90	1.14	35	4.20	1.23	-	16.9	1.44
			3,600	60	52	4.55	1.33	57	4.93	1.44	34		
			4,200	70	61	4.70	1.38	64	4.90	1.44	-		
BCA018L	R134a	220~240	2,400	40	22	2.90	0.85	22	2.90	0.85	-	16.9	1.44
			3,600	60	32	3.20	0.94	34	3.40	1.00	37		
			4,500	70	42	3.50	1.03	36	3.80	1.11	-		

12 / 24 VDC

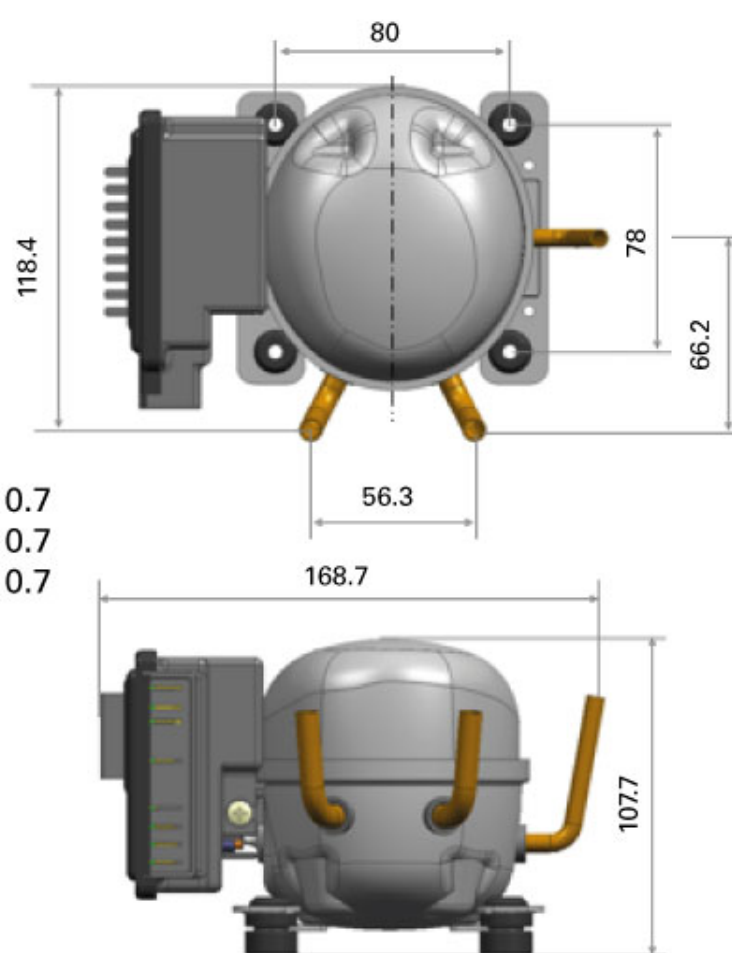
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		Voltage	Running Speed		@ASHRAE -23.3°C/54.4°C			@ASHRAE -23.3°C/54.4°C			@ ASHRAE	(Ω)	Charged Oil
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BCA018L	R134a	12 / 24	2,400	40	22	2.90	0.85	22	2.90	0.85	-	1.2	1.44
			3,600	60	32	3.20	0.94	32	3.20	0.94	37		
			4,500	70	42	3.50	1.03	42	3.50	1.03	-		
BCA030N	R600a	12 / 24	2,400	40	32	3.90	1.14	30	4.00	1.17	-	1.2	1.44
			3,600	60	52	4.55	1.33	55	4.63	1.36	35		
			4,200	70	61	4.70	1.38	62	4.80	1.41	-		

DIMENSIONS

AC power



DC power



Suction : ID 6.54, t 0.7
 Process : ID 6.54, t 0.7
 Discharge : ID 4.95, t 0.7

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