



## NEW BLACKMAX BRUSHLESS DC VACUUM PUMPS Vs Competitors (Sept. 27, 2024)

Brand	CFM	Model	Weight, lbs (kg)	Housing Size, Ft <sup>3</sup> (M <sup>3</sup> )	Brush-less DC Motor (BLDC)	Built-In Vacuum Gauge	Auto Shut-Off	Service Ports	Compatible With AHRI Class A2L Refrigerants	Ignition Proof / Sparkless	Thermal Overload Protection	Operating Voltage	Stages	Ultimate Vacuum (Microns)	Operating Temp Range (Ambient)	Warranty
<b>BLACKMAX</b>																
	4	VPBM4V	18.2 (8.3)	0.48 (0.013)	1/2 HP	Yes	Yes (Holds Vacuum If Power Off)	1/4", 3/8", 1/2" (In Line)	Yes (For Class A2L) And A1, A2, & A3	Yes	Yes	Universal Voltage (100VAC to 240VAC). No Manual Switch Req'd	2	15μ	5°F To 130°F (-15°C to 55°C)	2 Year
	6	VPBM6V	19.1 (8.7)													
	8	VPBM8V	22.4 (10.2)	0.57 (0.016)	1 HP											
	12	VPBM12V	23.2 (23.2)													
<b>Fieldpiece</b>																
	8	VP87	27 (12.2)	0.855 (0.024)	3/4 HP	No	No	1/4", 1/2", 3/8", 3/8" (In Line)	A2L Certified	Certified: Class 1, Division 1, Group D, T4	Not Stated	120V AC Only	2	15μ	30°F To 122°F (-1.1°C to 50°C)	1 Year
	10	VPX7	24 (10.8)		3/4 HP											
<b>JB</b>																
	6	DV-6EDC	24 (10.8)	1.33 (0.037)	1/2 HP	No	Not Stated	1/4", 3/8 (Tree)	A2L Compatible	Yes	Not Stated	115v, 230v (Switch)	Not Stated	25μ	Not Stated	2 Year
	8.4	DV-240DC	24 (10.8)	1.31 (0.037)	1/2 HP	No	Not Stated	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Not Stated	Not Stated	115v, 230v (Switch)	Not Stated	15μ	Not Stated	2 Year
	10	DV-285DC	24 (10.8)	1.31 (0.037)	1/2 HP	No	Not Stated	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Not Stated	Not Stated	115v, 230v Dual	Not Stated	15μ	Not Stated	2 Year
	12	DV-340N	34 (15.4)	1.29 (0.036)	1 HP	No	Check Valve	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Not Stated	Not Stated	115v, 230v Dual	2	15μ	Not Stated	2 Year
<b>Yellow Jacket</b>																
	4	93740	24.6 (11.2)	0.638 (0.018)	1/2 HP	Yes	Yes	1/4, 3/8', 3/8" (Tree)	A2L Compatible	Yes	Not Stated	100v-127v, 220-240v	2	15μ	Not Stated	2 Year
	6	93760	25.9 (11.7)	0.638 (0.018)	1/2 HP	Yes	Yes	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Yes	Not Stated	100v-127v, 220-240v	2	15μ	Not Stated	2 Year
	7	93870 Bullet	27.5 (12.4)	0.729 (0.020)	1/2 HP	No	No	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Yes	Not Stated	115v or 230v (Switch)	2	<25μ	Not Stated	2 Year
	8	93780	26.8 (12.2)	0.698 (0.019)	1/2 HP	Yes	Yes	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Yes	Not Stated	100v-127v, 220-240v	2	15μ	Not Stated	2 Year
	11	93790	28.4 (12.9)	0.698 (0.019)	1/2 HP	Yes	Yes	1/4", 3/8", 1/2" (Tree)	A2L Compatible	Yes	Not Stated	100v-127v, 220-240v	2	15μ	Not Stated	2 Year

ORANGE Indicates competitive spec inferior to (or not stated) vs BLACKMAX.

Fieldpiece, JB, Yellow Jacket data obtained from company website or literature.