



Compare **ECO1** to other manufacturers, and the choice is clear!

- Made in the USA • HEPA filtration to 0.3 microns • Thermal motor shut off
- UL tested and approved • New and Improved 2-stage motor
- 7 year motor warranty (Best in the Industry) • Lightweight • Ergonomic
- Carpet & Rug Institute Gold Certified

	AVERAGE			GOOD			BEST
<p>Motor Saver™</p> <p>★ = Best in Class quality/ value</p> <p>● = Poor Value</p> <p>AVG. = Average Value</p>							
Manufacturer:							★
HEPA	YES ★	YES ★	NO	NO	YES ★	YES ★	YES ★
Vacuum hose is full size into the vacuum body. 90° hose cuff clogs & reduces airflow	NO <i>Restricted air flow</i>	YES ★	YES ★	NO <i>Restricted air flow</i>	NO <i>Restricted air flow</i>	NO <i>Restricted air flow</i>	YES ★
Thermal Motor Shut Off (Eliminates Motor Damage)	NO... <i>thermal shut-off</i> ●	NO... <i>thermal shut-off</i> ●	NO... <i>thermal shut-off</i> ●	NO... <i>thermal shut-off</i> ●	NO... <i>thermal shut-off</i> ●	NO... <i>thermal shut-off</i> ●	YES ★ <i>Thermal shut off protects the motor from extreme heat & restarts when cool</i>
Underwriters Laboratories Inc. Tested & Approved	NO	NO	NO	YES ★	NO	NO	YES ★
Industry best rated motor	<i>Could not identify motor MFG</i>	<i>Could not identify motor MFG</i>	YES ★	NO	YES ★	YES ★	YES ★
Housing warranty	2 Yrs. ●	2 Yrs. ●	Lifetime ★	3 Yrs. ●	Lifetime ★	Lifetime ★	Lifetime ★
Motor & pigtail warranty (Most common backpack failure)	2 Yrs. ●	2 Yrs. ●	5 Yrs. AVG.	3 Yrs. ●	3 Yrs. ●	3 Yrs. ●	7 Yr. ★ <i>Best in the Industry</i>
Actual weight (Unit with all tools no power cord)	13.2 lb	11.2 lb	15.6 lb ●	11.2 lb	12.6 lb	13.0 lb	10.5 lb ★
Adjustable chest strap	YES ★	NO	NO	NO	YES ★	YES ★	YES ★
Ergonomic back rest	NO	NO	YES	NO	NO	NO	YES ★
Molded in cord holder	NO <i>Easy to break</i>	NO <i>Easy to break</i>	NO <i>Easy to break</i>	NO <i>Easy to break</i>	NO <i>Uses flimsy cord retainer</i>	NO <i>Easy to break</i>	YES ★ <i>Molded In</i>
Converts to blower	NO	NO	YES	NO	NO	NO	YES ★
Private label (Best option to promote your brand and combat internet discounts)	NO	NO	YES	NO	NO	NO	YES ★
RATINGS TOTALS:	2 ●	2 ●	3 ● 1 AVG.	1 ●	4 ●	3 ●	14 ★
NOTES:	- Poor warranty - No thermal shut off - Internet discount - Made in China	- Poor warranty - No thermal shut off - High motor heat - Internet Discount - Made in China	- Very heavy - Very big physical size - Expensive pigtail size - Made-in-China Have not tested the new made-in-China replacement of the Raven	- Thin plastic body - High motor heat - Exhaust blocked removal of exhaust filter to view airflow restriction - Made in China	- Poor design - Expensive bags - Thin plastic body - Very big physical size - Made in China & Mexico	- Expensive - Very big physical size - 90° cuff at lid cloggs, restricts airflow - Expensive switch repair - Expensive pigtail repair - Made in China & Mexico	- Light weight lbs - 7 yrs motor warranty - Non clogging hose entry into body - HEPA filtration standard - UL tested and approved - Motor saver standard - Made in USA - HEPA motor saver standard