



Eco 500 Series

Mid-Size Recycling Extractors



- Extends water usage by over 7 times that of traditional carpet cleaners
- Chemical usage is also greatly reduced which saves money and reduces the impact on the environment
- Front mounted pressure gauge / adjustment knob to monitor cleaning performance
- Front mounted drain hose for fast solution disposal
- Easy access to all filters for routine maintenance and cleaning
- Hinged tank design for easy access to internal components



ECO 500 Series Recycling Extractors

Mid-Sized Recycling Carpet Extractor

Industry Leading Gold-Status Performance

Equipped with an advanced air-watt motor for maximum efficiency, Tornado's portable ECO 500 Series of upright extractors offer carpet cleaning professionals all of the tools required to achieve contractor grade, deep-cleaning results. These ten and fifteen-gallon workhorses are designed to meet a multitude of cleaning demands, and are equipped with advanced technology, high-efficiency air-watt motors for increased cleaning performance.

The ECO 500 Series upright extractor provides superior flexibility for smaller spaces, portability, and tackles virtually any cleaning task including restorative carpet care, stairs, upholstery, fabric office partitions, and even hard surfaces with grouted tile. With convenient, cost-effective, disposable filters, these extractors are perfect for cleaning crews on the go.

Most Advanced Motor Technology on the Market Today

Working with the leading global manufacturer of innovative motor technology, Tornado is proud to have the most advanced, highest performing, vacuum motor available in the industry today. Incorporating this new vacuum motor, which was specifically designed for foam and moisture-laden applications, the ECO 500 Series delivers industry leading performance, with less amperage, noise, and energy consumption.

Innovative Cleaning Technology

The ECO 500 Series innovative solution and recovery process atomizes the cleaning solution injected into carpets to control moisture, neutralizing micro organisms and organic substances that can cause odor.

Faster: The recycling filtration process efficiently and effectively recycles cleaning solution and drastically reduces time spent emptying and refilling. Overall productivity increases up to seven times that of a traditional carpet extractor.

Cleaner: High pressure solution blasts soil from carpet fibers for a more powerful clean. The patented air-induction tools atomize the high pressure solution to scrub individual fibers and simultaneously recover the solution to prevent over wetting and reduce re-soiling rates.

Greener: Recycling filtration extends water usage by over seven times that of traditional carpet cleaners. Chemical usage is also greatly reduced which saves money and reduces the impact on the environment through less chemical and packaging waste.



Chemical Systems

Specially formulated for recycling machines and containing no volatile organic compounds (VOCs) or harmful ingredients, our technology minimizes your fill and re-fill efforts. One tank of chemical will perform up to seven times the amount of usage compared to other cleaning chemicals. This results in drastically reduced cost of the chemical down to 3 cents per gallon in use.

Specialty Tools

The ECO 500 Series uses high performance hand and floor tools to clean congested carpeted areas, upholstery, fabric office partitions. The unit can even be used on hard surfaces such as grouted tile, walls and floors.

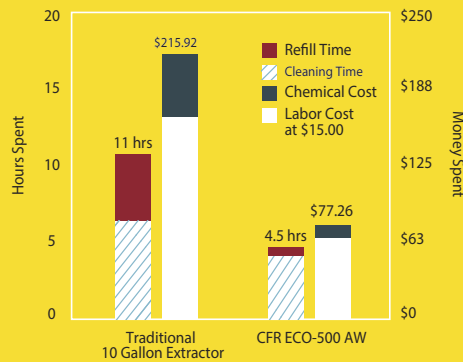
Recycling Filtration

State-of-the-Art Filtering Technology

Recovered solution and debris first pass through a Gross Debris Filter, then through a Disposable Inlet Filter and into the main solution tank. Solution is then drawn through the In-Tank Filter with over 990 square inches of filtering media. Cleaning solution is then pumped at 500 psi through a wand-mounted final filter, dramatically increasing productivity in an eco-conscious manner. Cleaning for Health and Sustainability, we are passionate about creating clean, healthy and safe indoor and outdoor environments, and water preservation, moisture-control and recycling are critical components.

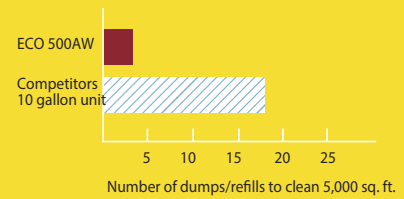
Cleaning Comparisons

Cleaning 5,000 sq. ft.



Dump and Refill Cycles

Productivity based on ISSA's 540 Cleaning Times, and includes time to and from water source.



ECO SERIES RECYCLING EXTRACTORS

PRODUCT	ECO 500 AW	ECO 500 AWH	ECO 500 AW Plus	ECO 500 AWH Plus
Catalog Number (Kit)	98840	98844	98852	98854
Catalog Number (Unit Only)	98838	98842	98848	98846
Tank Size	10 gal. / 38 l	10 gal. / 38 l	15 gal. / 57 l	15 gal. / 57 l
Machine Dimensions (LxWxH)	29 in x 20 in x 35 in 74 cm x 51 cm x 84 cm	29 in x 20 in x 35 in 74 cm x 51 cm x 84 cm	29 in x 20 in x 40 in 74 cm x 51 cm x 102 cm	29 in x 20 in x 40 in 74 cm x 51 cm x 102 cm
Weight	86 lbs. / 39 kg	96 lbs. / 43 kg	88 lbs. / 40 kg	98 lbs. / 44 kg
Vacuum Motor	Single, 6.6 dia AW	Single, 6.6 dia AW	Single, 6.6 dia AW	Single, 6.6 dia AW
Peak Airwatts	173	173	173	173
CFM	141	141	141	141
Solution Pump (Adjustable p.s.i.)	500 p.s.i. / 34.5 BAR	500 p.s.i. / 34.5 BAR	500 p.s.i. / 34.5 BAR	500 p.s.i. / 34.5 BAR
Power	115V	115V	115V	115V
Power Cord	25 ft. detachable 8 m detachable	25 ft. detachable Dual 8 m detachable	25 ft. detachable 8 m detachable	25 ft. detachable 8 m detachable
Parts / Labor Warranty	1 year*	1 year*	1 year*	1 year*
Tank Warranty	5 years*	5 years*	5 years*	5 years*
ACCESSORIES (Below accessories are included with kits)				
11" Rapid Recovery Wand (Type R)	77000	77000	77000	77000
3" Combination Tool	77001	77001	77001	77001
33' Flexible Hose	77002	77002	77002	77002

* Note: See full warranty for details