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TORNADO®

Pro Series

Recycling Extractors

Portable, Professional-Grade,
Moisture Controlled Cleaning



- Reduce the cost of cleaning for your organization
- Dramatically increase the life-cycle of your carpet
- Decrease time spent on dumps and refills
- Conserve water, chemical and enhance your cleaning program
- Minimize fungus, bacteria, viruses and pollen which can cause odor in carpets
- Reduce lower-back injuries with our patented solution control roller-wand

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Pro Series
Recycling Extractors

One Machine Does it All

Tornado's portable Pro 500 and Pro 750 upright extractors equip carpet cleaning professionals with all of the tools needed to achieve contractor-grade, deep cleaning results.

A workhorse of a machine, designed to meet multiple cleaning demands, the Pro Series upright extractors provide superior flexibility, portability, and tackles virtually any cleaning task including restorative carpet care, stairs, upholstery, fabric office partitions, and even hard surfaces with grouted tile.

Healthy Cleaning Science

Using healthier cleaning science to reduce organic materials in carpet, minimize odors and protect the health of building occupants, our portable upright extractors are designed to make the cleaning process more sustainable. Unique cleaning technology includes:

- The recycling filtration system minimizing the use of water and chemicals
- Unique atomization wand leaves less moisture for drier, healthier carpets
- Perfect Pro 500 with Perfect Heat™ increasing cleaning efficiency and extending the life cycle of your carpets.

For facilities with odor problems, the optional, in-line Ozone-assisted model effectively minimizes bacteria, fungus, allergens and contaminants that can cause odor in carpets.

Innovative Cleaning Technology

The innovative solution and recovery process atomizes the cleaning solution injected into carpets to control the penetration of moisture, minimizing the development of micro-organisms and organic substances that can cause odor.

Faster: Cleaning solution is atomized in the unique and patented vacuum tools to create a high-velocity, continuous flow of cleaning solution that rapidly injects and recovers soil and water from the carpet fibers, reduces your dump and refill time, and dramatically increases productivity and labor savings.

Cleaner: While the cleaning solution is being atomized within the vacuum tools, the solution is simultaneously suctioned back out of the carpet fibers, limiting the amount of cleaning solution that comes to rest on the backing. The result? More water is being pushed through the carpet fibers without soaking the backing and pad. Moisture is controlled, carpets dry faster and your space is clean and ready for use.

Greener: Once the solution has traveled through the carpet and is suctioned back into the patented vacuum shoe, the solution travels through a four-level recycling filtration process to trap heavy and fi ne debris minimizing the use of water and chemicals.

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Chemical Systems

Specially formulated for recycling extractors and containing no volatile organic compounds (VOCs) or harmful ingredients, our tank of chemical will perform up to seven times the amount of usage compared to other cleaning chemicals. This results in a drastic cost savings of less than three cents per ounce per gallon.

Controls Allergens and Odor with Optional Ozone

Effectively reduces bacteria, allergens and organic substances that cause offensive odors in carpets with Tornado's optional, Ozone assisted models. Utilizing a technology similar to in-line water purification systems used in hot tubs, swimming pools or water treatment plants, the Ozone assisted Pro 500 is perfect for use in schools, hospitals and nursing homes where carpet odor is a problem. Odors are minimized immediately, leaving your space smelling clean and fresh.

Do More with Less

Labor is the single greatest expense facing in-house service providers and building service contractors. In an era of tight budgets, custodial supervisors and managers are being asked to "do more with less" — maintain larger floor areas with less staff. The Pro 500 and Pro 750 extractors not only consume fewer cleaning resources and labor, they extend the need for restorative cleaning cycles and deliver superior results.

Specialty Tools

The Pro Series Extractors use Tornado's, high performance hand and floor tools to clean congested carpeted areas, upholstery, fabric or covered walls, and fabric office partitions. The unit can even be used on hard surfaces such as grouted tile, walls and floors

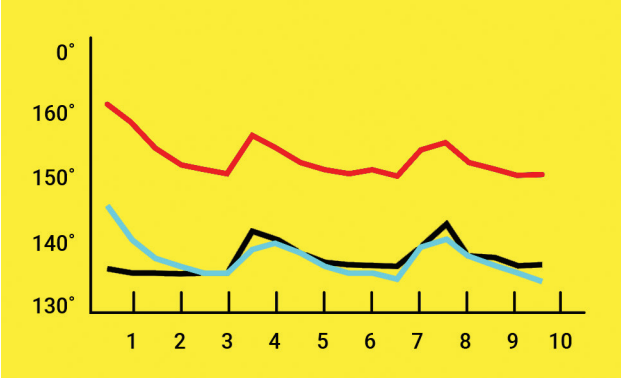
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Perfect Pro 500 vs. the Competition

Don't be misled by competitor's claims of 212˚ temperatures. All heated extractors can produce high temperatures for a few seconds. How they maintain the temperature in real cleaning situations is what is important when you go to clean carpets. We conducted laboratory tests of the Perfect Pro 500 and our top two competitors. These competitors both claim temperatures of over 200˚. These are the results in the field-test environment.



Each machine was run for ten minutes. They were run in 8 second cycles with 4 seconds of spray and 4 seconds of rest. Every three minutes there was a 15 second rest. The temperature was recorded at the tip on the end of a 20 foot solution hose. These charts show the true temperature maintained after the initial burst of heat.

PRO-SERIES RECYCLING EXTRACTORS

PRODUCT	PRO 500	PERFECT PRO 500	PRO 500 OZONE ASSIST	PRO 750
Model Info	Standard Unit	with Perfect Heat	with Ozone	with 750 p.s.i
Catalog Number (Kit)	98822	98832	98828	98836
Catalog Number (Unit Only)	98820	98830	98826	98818
Tank Size	13 gal. / 49 l	13 gal. / 49 l	13 gal. / 49 l	13 gal. / 49 l
Machine Dimensions (LxWxH)	29 in x 41 in x 22 in 74 cm x 104 cm x 56 cm	29 in x 41 in x 22 in 74 cm x 104 cm x 56 cm	29 in x 41 in x 22 in 74 cm x 104 cm x 56 cm	29 in x 41 in x 22 in 74 cm x 104 cm x 56 cm
Weight	124 lbs. / 56 kg	124 lbs. / 56 kg	124 lbs. / 56 kg	128 lbs. / 58 kg
Vacuum Motor	Dual - 2 stage	Dual - 2 stage	Dual - 2 stage	One (1) - 3 Stage
Waterlift	150 in / 381 cm	150 in / 381 cm	150 in / 381 cm	135 in / 343 cm
CFM	101	101	101	97
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	750 p.s.i. / 51.7 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	Dual 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

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