

**Changing Carpet  
Care Forever**



# The Next Generation of Carpet Care



**Faster, Cleaner, Greener.**



# The Next Generation

*of Carpet Care*

**Faster:** Dramatically **increase productivity**, and enjoy some of the **fastest drying times** in the industry.

**Cleaner:** Experience pioneering and innovative, **moisture-control technology** that helps you achieve cleaner, drier carpets and **healthier interiors**.

**Greener:** Consumes up to 85% less water and **cleaning solution** through **CFR's patented recycling filtration** technology. Water and chemical consumption is dramatically reduced to 1/7<sup>th</sup> of the amount consumed by non-recycling extractors.





**CFR**

*dispelling the  
belief that there's  
a tradeoff  
between profitability  
and socially  
responsible behavior.*



## Innovative, Patented T

**Faster....** Time has always translated into money, but in today's business world where every individual and every business is challenged to do more with less, productivity is more important than ever. Ask a cleaning tech what they spend most of their time doing when it comes to cleaning carpet, and they'll almost always answer that it is emptying tanks or hauling water back and forth.

Thanks to patented technology, tank to tank, CFR Cleaning Systems top the industry in cleaning productivity, far surpassing what is possible with traditional extractors. Constant tank dumps and refills are a thing of the past, with solution lasting up to seven times longer, which means you get the job done faster.

CFR Cleaning Systems also recover up to 50% more solution than traditional extractors, translating into faster drying times. Industry leading productivity, faster drying times, chemical conservation.....CFR allows you to do more with less!

**Cleaner....** Carpet cleaning professionals, building service contractors, and in-house staff will appreciate the unique and innovative cleaning technology of CFR Cleaning Systems. CFR units deliver professional contractor-grade results through deep cleaning extraction, while reducing or even eliminating the need for interim cleaning processes.

While extraction has long been the industry's preferred method used to flush debris and soils from carpet and fibers, the process itself was such that it historically couldn't be used on a



# Technology Changing Carpet Care Forever

routine basis, due to longer drying times and the resulting need to close areas to foot traffic for extended periods. The professional cleaning industry responded with other processes that were sold as "preventative cleaning" or "interim cleaning" methods, such as encapsulation and bonnet cleaning.

In practice, these interim methods served as little more than a way to feather soiled traffic lanes into the surrounding, less soiled areas of the carpet, with the intent of extending or delaying the need to extract. Bottom line, rather than truly cleaning your carpet, most preventative or interim methods serve only as surface or cosmetic cleaners.

CFR's unique and patented moisture-controlled process allows you to flush and extract soil every time you clean, providing you with the ability to clean for appearance, health and asset protection with one machine!

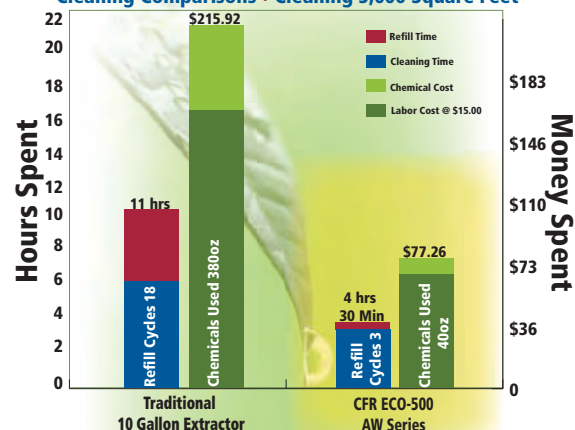
**Greener....** CFR Cleaning Systems extend water usage by as much as seven times that of traditional extractors, while also dramatically cutting chemical usage. As important, with CFR, cleaning in a socially responsible manner no longer means sacrificing cleaning results. Add CFR ECO-Chemicals recognized for their safer chemistry formulations by the EPA under their Design For the Environment (DfE) program, and you have an industry leading product that is changing carpet care forever!



LABOR COSTS PER 1000 SQ. FT. (\$10 PER HOUR WAGE)



Cleaning Comparisons • Cleaning 5,000 Square Feet







### 1. **Faster:**

Cleaning solution is atomized in the unique vacuum tools to create a high-velocity, continuous flow of cleaning solution that rapidly injects and recovers soil and water from the carpet fibers. **The rapid recovery process reduces moisture in carpets, facilitates some of the fastest drying times in the industry, and increases cleaning productivity.**

### 2. **Cleaner:**

While 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.**

### 3. **Greener:**

Once the solution has traveled through the carpet and is suctioned back into the vacuum shoe, the solution travels through a four-level recycling filtration process to trap heavy and fine debris **minimizing the use of water and chemicals, and dramatically reducing dump and refill times.**

## *The Technology: How it works...*

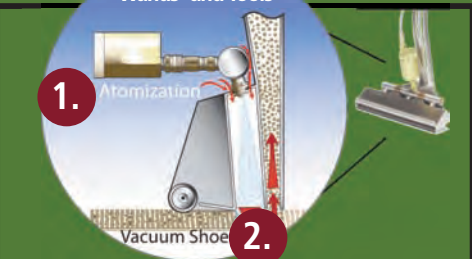
### MOISTURE- CONTROLLED WAND TECHNOLOGY

CFR incorporates patented moisture-controlled atomization technology within the extraction wand and hand-tools. This Rapid Recovery Atomization process recovers up to 50% more than traditional extraction tools, cleaning and recovering solution all in one step. The atomized, high velocity cleaning solution works as an agitator, deep-cleaning the fibers without damaging the carpet, leaving carpets and backing far less saturated so they can dry quickly.

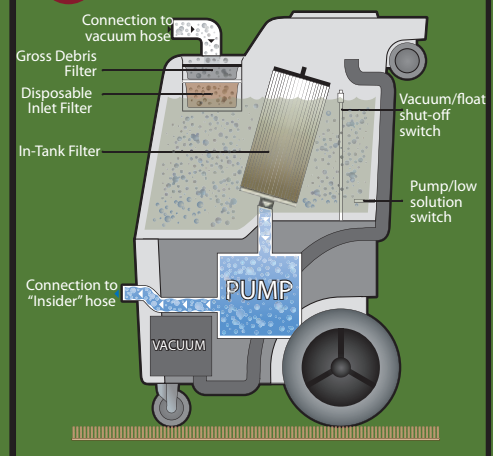
### REVOLUTIONARY RECYCLING FILTRATION

CFR's revolutionary recycling process is greener than any other traditional extractor on the market today. Once 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 fine debris. Not only do you reduce your dump and refill time, labor cost and machine down-time are minimized.

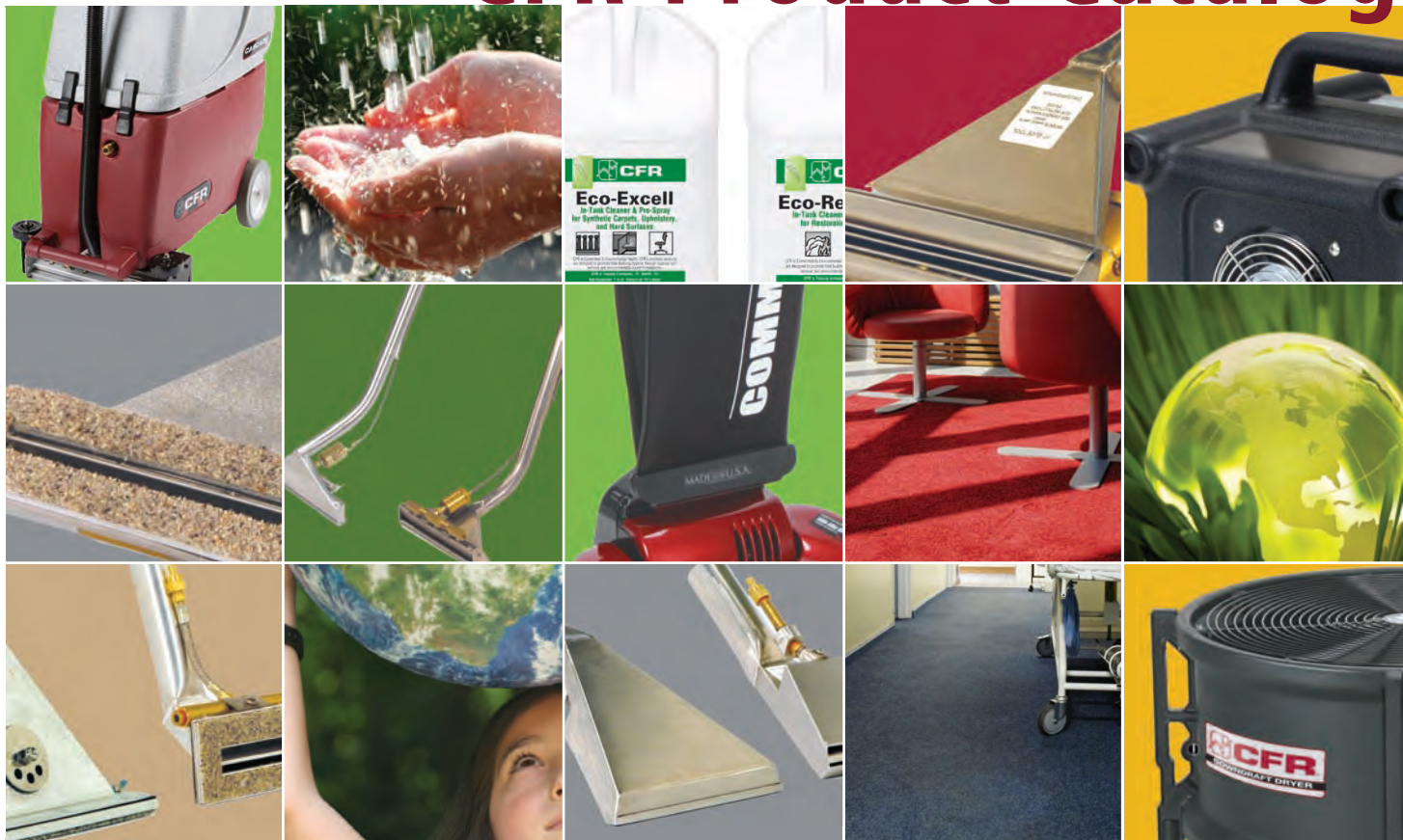
#### Patented High Performance Atomization Wands and Tools



### 3. Recycling Filtration Process



# CFR Product Catalog



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# Next Generation: ECO-500 AW Series Recycling Extractors



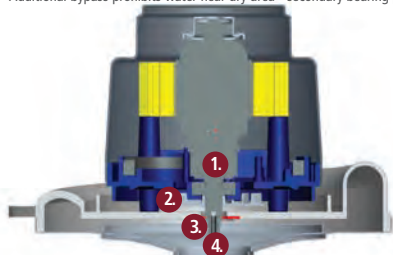
**Portable, Professional-Grade**

## Industry Leading Performance Earning Gold Status

Equipped with a new advanced air-watt motor for maximum efficiency, CFR's portable ECO-500 AW Series of upright extractors offer carpet cleaning professionals with 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 all-new advanced technology, high-efficiency air-watt motors for increased cleaning performance. The ECO 500 AW 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, the ECO 500 AW Series is perfect for cleaning crews on the go.

### State-of-the-Art Bearing Protection For Longer Lifecycle

1. Bearings moved to clean dry area of motor
2. Additional Protection from Relocated Cooling Fan (between fan system and bearing)
3. Bearing isolated with a seal
4. Additional bypass prohibits water near dry area - secondary bearing protection



### LATEST, MOST ADVANCED MOTOR TECHNOLOGY ON THE MARKET TODAY

Working with the leading global manufacturer of innovative motor technology, CFR is proud to introduce 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, CFR's ECO 500 AW Series delivers industry leading performance, with less amperage, noise, and energy consumption.



**ECO 500 AW Series**

Moisture-controlled cleaning systems meet the requirements of the U.S. Green Building Council LEED E-B.



### ECO 500 AW COMPLETE CLEANING SYSTEM

Product	ECO-500 AW	ECO-500 AWH	ECO-500 AW Plus	ECO-500 AWH Plus
Model	10468B-K	10468C-K	10470B-K	10470C-K
Base Unit (Machine only)	10468B	10468C	10470B	10470C
Electric Heater	NA	110V 1650W	NA	110V 1650W
Tank Size	10 gal.	10 gal.	15 gal.	15 gal.
Machine Dimensions (LxWxH)	29" x 20" x 35"	29" x 20" x 35"	29" x 20" x 40"	29" x 20" x 40"
Body Weight	86 lbs.	96 lbs.	88 lbs.	98 lbs.
Vacuum Motor	Single, 6.6 dia AW	Single, 6.6 dia AW	Single, 6.6 dia	Single, 6.6 dia
Peak Airwatts	673	673	673	673
Maximum CFM	141	141	141	141
Solution Pump (Adjustable p.s.i.)	500 psi(34.5 BAR)	500 psi(34.5 BAR)	500 psi(34.5 BAR)	500 psi(34.5 BAR)
Pump Motored	1/4 HP DC	1/4 HP DC	1/4 HP DC	1/4 HP DC
Power (V/Amps)	120V, 15A	120V, 15A/ each circuit	120V, 15A	120V, 15A/ each circuit
Power Cord	25' detachable	Dual 25' detachable	Dual 25' detachable	Dual 25' detachable
Front Wheel Dimensions	Two 4" dia. swivel casters	Two 4" dia. swivel casters	Two 4" dia. swivel casters	Two 4" dia. swivel casters
Rear Wheel Dimensions	Two 10" dia. Wheels	Two 10" dia. Wheels	Two 10" dia. Wheels	Two 10" dia. Wheels
11" Rapid Recovery Wand (Type R)	Included in 10468B-K Kit	Included in 10468C-K Kit	Included in 10470B-K Kit	Included in 10470C-K Kit
3" Combination Tool	Included in 10468B-K Kit	Included in 10468C-K Kit	Included in 10470B-K Kit	Included in 10470C-K Kit
33' Flexible Hose - 1,500 P.S.I (1.5")	Included in 10468B-K Kit	Included in 10468C-K Kit	Included in 10470B-K Kit	Included in 10470C-K Kit
Parts / Labor Warranty	1 year*	1 year*	1 year*	1 year*
Tank Warranty	5 year*	5 year*	5 year*	5 year*

\* See full warranty for details

Note: Use of defoamer is recommended



# Pro Series Recycling Extractors

Portable, Professional-Grade,  
Moisture-Controlled Cleaning

## One Machine Does it All

CFR's portable Pro-500 and Pro-750 upright extractors provide carpet cleaning professionals with all of the tools needed to achieve contractor-grade, deep cleaning results. These thirteen gallon units are designed to meet multiple cleaning demands, providing superior portability, and the ability to tackle virtually any cleaning task including restorative carpet care, stairs, upholstery, fabric office partitions, and even hard surfaces with grouted tile.

The CFR Pro Series of portable upright extractors are designed to make the cleaning process more sustainable. Unique cleaning technology includes:

- CFR's patented recycling filtration system minimizing the use of water and chemicals;
- CFR's unique atomization wand leaving less moisture for drier, healthier carpets;
- Perfect Pro-500 with Perfect Heat™ increasing cleaning efficiency and extends the lifecycle of your carpets.



PRO-500 with PerfectHeat™



Moisture-controlled cleaning systems meet the requirements of the U.S. Green Building Council LEED E-B.

### PRO-500 AND PRO-750 COMPLETE CLEANING SYSTEM

Product	Pro-500	Pro-750
Model	Standard Unit	Standard Unit
Model Number	10431A-FR	10432A-FR
Tank Capacity	13 gal.	13 gal.
Perfect Heat System	Cleaning System Model - 10445A-FR	None
Built-in Ozone Generator	Cleaning System Model - 10434A-FR	None
Vacuum Motor	Dual - 2 stage	One (1) – 3 stage
Waterlift	150"	135"
CFM	101	97
Solution Pump (Adjustable p.s.i.)	500 p.s.i.	750 p.s.i.
Power (V/Amps)	120V, 20 amp	120V, 20 amp
Power Cord**	25' (8m) / pigtail	25' (8m) / pigtail
Body Construction	Rotationally molded polyethylene tank and base	Rotationally molded polyethylene tank and base
Front Wheel Dimensions	Two 4" (102 mm) dia. casters	Two 4" (102 mm) dia. casters
Rear Wheel Dimensions	Two 12" (305 mm) dia. casters	Two 12" (305 mm) dia. casters
Machine Dimensions (LxWxH)	29"x 41" x 22" (737mm x 1,041 mm x 559 mm)	29"x 41" x 22" (737mm x 1,041 mm x 559 mm)
Weight	124 lbs.	128 lbs.
11" Rapid Recovery Wand (Type R)	Included in CFR. Kit	Included in CFR. Kit
3" Combination Tool	Included in CFR. Kit	Included in CFR. Kit
33' Flexible Hose - 1,500 P.S.I (1.5")	Included in CFR. Kit	Included in CFR. Kit
Parts / Labor Warranty	1 year*	1 year*
Tank Warranty	5 years*	5 years*

### Base Unit (Machine Only)

Description	Model
Pro 500	10431A
Pro 500 w/ Perfect Heat	10445A
Pro 500 w/ O-Zone Generator	10434A
Pro 750	10432A



\* See full warranty for details

\*\* Pro 500 with Perfect Heat comes standard with two power cords and a smart circuit locator.



# Cascade 20

## Recycling Extractor with Moisture-Control



### Self-Contained for Large Areas

Carpet cleaning professionals, building service contractors and in-house cleaning staff will appreciate the unique and innovative cleaning technology of CFR's Cascade 20 self-contained carpet cleaning system. Delivering contractor-grade deep cleaning productivity that far surpasses other interim and restorative carpet cleaning methods, the Cascade 20 system utilizes a four-step recycling and unique rapid recovery process that atomizes the carpet solution, controls moisture, and:

- consumes less water and chemical;
- minimizes the development of mold, fungus and allergens in carpets;
- delivers faster drying times so your space is clean, dry and ready in a fraction of the time of normal extraction;
- provides enhanced ergonomics with innovative wand systems for those hard-to-reach places.

Traditional carpet extractors can leave behind excessive moisture during the extraction process that damages the carpet, takes longer to dry and leaves dirt and residue behind, reducing the life span of your carpet. For buildings concerned with carpet odors, the Cascade 20 system is available with an in-line Ozone Assisted™ model perfect for use in schools, hospitals, hotels, and nursing homes.



Moisture-controlled cleaning systems meet the requirements of the U.S. Green Building Council LEED E-B.

CASCADE 20 COMPLETE CLEANING SYSTEM	
Product	Cascade 20
Model	10416A-FR
Cleaning Path	20" (508 mm)
Tank Capacity	25 gal.
Vacuum Motor	3 stage
Waterlift	130"
CFM	92
Solution Pump (Adjustable p.s.i.)	400 p.s.i.
Drive System	Traction
Drive Motor	0.18 hp (134 watts)
Speed (Variable)	0- 114 ft / min (34.7 m / min)
Interim Cleaning Productivity	8,000 ft_ / hour (743 m_ / hour)
Restorative Cleaning Productivity	5,400 ft_ / hour (502 m_ / hour)
Vacuum Shoe	20" (508 mm)
Power (V/Amps)	120V, 15 amp
Power Cord	75' (23m) / pigtail
Jets	4 "01" quick change jets
Body Construction	Rotationally molded polyethylene tank and base
Front Wheel Dimensions	Two 4" (102 mm) dia. casters
Rear Wheel Dimensions	Two 10" (254 mm) dia. casters
Machine Dimensions (LxWxH)	45" x 24" x 43" (1,143 mm x 610 mm x 1,092 mm)
Weight	202 lbs.
11" Rapid Recovery Wand (Type R)	Included in CFR. Kit
3" Combination Tool	Included in CFR. Kit
33' Flexible Hose - 1,500 P.S.I	Included in CFR. Kit
Parts / Labor Warranty	1 year*
Tank Warranty	5 years*

\* See full warranty for details



CASCADE 20

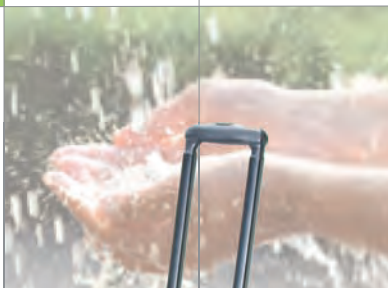
### Base Unit (Machine Only)

Description	Model
Cascade 20	10416A
Cascade 20 w/ O-Zone Generator	10425A



# Pro Spotter

## Mobility, Versatility and Deep Extraction Power



### Power for the Toughest Stains

The CFR Pro Spotter is portable, lightweight, and extremely powerful. It is perfect for touch-ups, spot removal between scheduled carpet cleanings, and those locations where bigger extractors just won't fit. You can use it to pick up small wet spills quickly and easily. The CFR Pro Spotter takes the hassle out of cleaning spots before they become a major stain. The compact Pro Spotter weighs only 36 pounds and can be effortlessly moved from one location to the next by extending the telescoping handle and tilting the unit back on its 5" transport wheels.

### Versatile

The patented 3" Combo Tool is specifically designed for cleaning upholstery, small fabric pieces and high performance general spotting. The fully adjustable air in-let feature makes it easy to clean even fine fabrics. This provides the fastest drying times possible.

The integrated stretch hose recoils to 2.5 feet for storage and transport and extends up to 10 feet for operation. The hose retracts and stores in the machine base for easy transport.

#### PRODUCT SPECIFICATIONS

Model	CFR35S
Solution Tank	3.5 gallons
Recovery Tank	2.5 Gallons
Weight	36 lbs
Solution Pressure	55 p.s.i.
Vacuum Motor	2 stage
Waterlift	89"
CFM	104
Switches	Off, pump & vac
Tank Construction	Ultra heavy-duty poly housing
Pump - UL Listed	Yes
Vacuum Hose	2.5' to 10' stretch vac hose
Solution Hose	2.5' to 10' stretch solution hose
Power Cord	15'
Float Shut-Off	Protects vacuum motor
Warranty	5 years* housing, 1 year vacuum motor, pump and workmanship

\* See full warranty for details



Quality workmanship, durable, heavy-duty latches and polyhousing provide years of reliable and hassle free cleaning.



Stretch 2.5' to 10' integrated vacuum and solution hose.



# Pro-Lite Upright Vacuum with HEPA

Price, Performance and Pickup



## Professional 8 LB. HEPA Vacuum

Weighing just 8 pounds, the Pro-Lite has the power and durability to tackle the toughest commercial applications. The Pro-Lite will outlast and out clean other commercial lightweight vacuums. The Pro-Lite features dual fan technology for better cleaning, a top-loading paper bag, and a low profile that lays completely flat to reach under beds and other furniture. The Pro-Lite is built with tough polycarbonate materials and aluminum for long-lasting durability. Easy to maintain and simple to operate, the Pro-Lite delivers the perfect balance of durability, performance and weight.

### ALLERGY SUFFERERS MAY NOW SAFELY VACUUM

Enviro-Clean paper bags capture and contain 99% of all allergens as small as 0.1 micron. The Enviro-Clean bag contains a standard paper layer with a non-woven electrostatically charged air-filter inner lining formed of meltblown microfiber webbing. Enviro-Clean provides up to 10 times greater filtering efficiency than conventional vacuum paper bags

### HEPA Filtration for Improved IAQ

The Pro-Lite Vacuum uses HEPA filters that capture 99.97% of airborne allergens for improved indoor air quality (IAQ), while also ensuring maximum airflow which is required for deep down carpet cleaning. The three-stage filtration system includes a unique, antimicrobial Enviro-Clean disposable filter bag, a cloth outer filter bag, and a HEPA motor exhaust filter cartridge as standard. The Enviro-Clean disposable collection filter captures far more particles and allergens than conventional paper bags. Dust emissions are dramatically reduced over many competitive models.

**Only 8 Pounds!**

Wooden brush roll with 10 mm non-crimped brushes and easy change belt.

Low profile lays completely flat to reach under beds and other furniture.



### PRODUCT SPECIFICATIONS

Model	CFR51EC
Motor	5.5 amp commercial motor UL & CSA
Handle	Anodized aluminum
Cord	50 ft, three wire, grounded
Filtration System	3-stage HEPA Filtration
Exhaust Filtration	Yes - 99.97 at 0.3 Microns
Motor Filtration	HEPA Motor Cartridge
CFM	160 CFM - Industrial Strength Suction
Cleaning Width	13" Path with Terrific Edge Cleaning
Belt Drive	Flat Belt
Wattage	660 watts
Volts	120 Volts
Height Adj.	Automatic self-adjusting
Overall Height	49 inches
Warranty	1 Year - motor, parts, workmanship*
Weight	8 lbs.

\* See full warranty for details



Top loading, heavy-duty Enviro-Clean paper bag



# Pro Dryers

Ensure Spaces are Dry,  
Safe and Ready to Use



## Powerful Air Movers

The CFR Pro Dryers provide up to 2500 CFM of powerful air movement for fast, complete drying of carpets, hard floors or office partitions. A three-speed control switch provides just the right air flow for properly timed drying cycles.

These units are perfect for controlled drying of carpets, fine rugs, hardwood floors, upholstery, use after fire, flood, water damage, or just general air circulation.

## Rugged Construction

Made of high density polyethylene housing, the Pro Dryers have molded cord wraps and handles for easy cord storage, handling, and multiple operating positions. Adjustable front legs allow you to dry out carpet down to the pad in record time. The DX versions include an expandable transport handle and wheels.

## Versatility

The Pro Series Dryers provide easy operation, versatility, innovative features and superior airflow for use in many different environments including:

- Hospitals and Healthcare Facilities
- Schools and Universities
- Hotels and Resorts
- Restaurants
- Commercial Office Buildings
- Retail Stores



DX models include expandable, telescoping, transport handle and wheels.



Extra large inlets to increase airflow.

Molded-in stacking ribs allow for space-efficient storage.

Angle adjustment is a built-in feature of the Pro Dryer.

Place the unit flat for drying floors or at a 30 or 90-degree angle for drying walls or general air circulation.

### PRODUCT SPECIFICATIONS

Model	CFR500	CFR500DX	CFR750DX
Power/Amp	4.8	4.8	4.8
Motor	1/2 hp	1/2 hp	3/4 hp
Speeds	3	3	3
Construction	Polyethylene	Polyethylene	Polyethylene
Power Cord	20 ft.	20 ft.	20 ft.
Operating Positions	3 - positions	3 - positions	3 - positions
Handel	Molded, Balanced	Molded, Balanced	Molded, Balanced
Transport Wheels & Handel	No	Yes	Yes
Inlets	Injection molded plastic	Injection molded plastic	Injection molded plastic
Sensors	Thermal shut-off	Thermal shut-off	Thermal shut-off
Warranty	1 Year*	1 Year*	1 Year*
Weight	32.75 lbs.	32.75 lbs.	42 lbs.

\* See full warranty for details



# Commercial DownDraft™ Fan

## Whole Room Drying in Just Minutes



### The Commercial Downdraft™ Fan

Dry an average size room in just minutes with CFR's Downdraft™ drying technology! The CFR Downdraft™ fan is the most versatile air mover available with multiple positions for every drying need... including 360° Downdraft™ drying. Downdraft™ drying recycles the warmer air circulating at the top of a room, pulling it down, through the fan and blasting it out over every inch of the room, drying the carpet fast.



**Dry an average sized room in just minutes with Downdraft™ technology.**



### Faster Drying

The Downdraft™ Commercial Fan by CFR changes drying as we know it. No more leaving damp carpets to dry after you leave a job! The Downdraft's six-bladed precision pitched fan pulls warmer, drier air down, thorough the dryer, blowing it across the entire room for fast complete drying with only one dryer for the "total" room, and minimizes downtime in a room or facility.

### No More Drying a Room One Section at a Time

One Downdraft™ fan recycles warm air and will dry an entire room in as little as 15 minutes. Dryers or air-movers are typically spaced around a room in various positions to take advantage of walls and other surfaces to dry carpets as quickly as possible. A typical dryer has limited surface coverage and does not take advantage of the warm air at the top of a room.

### Versatility

The Commercial Downdraft™ Fan provides easy operation, versatility, innovative features and superior airflow for use in many different environments including:

- Hospitals and Healthcare Facilities
- Schools and Universities
- Hotels and Resorts
- Restaurants
- Commercial Office Buildings
- Retail Stores and Shopping Malls
- Industrial Facilities



#### PRODUCT SPECIFICATIONS

Model	10460A
Power/Amp	3.3
Speeds	2
Construction	Polyethylene
Power Cord	20'
Operating Positions	4
Handle	Molded, Balanced
Sensors	Circuit breaker shutoff
Fan Blade	16.5"
Dimensions	27" x 17 1/2" x 24"
Weight	52 lbs
Warranty	1 Year*

\* See full warranty for details



# Commercial Whole Room Dryer

## The Professional Choice for Floor Care



### The Whole Room Dryer

The Commercial Whole Room Dryer incorporates the revolutionary Swept Fan™ blade design that creates an astounding 9800 CFM at over 44 MPH while maximizing surface coverage and minimizing drying times. Additionally noise levels are significantly reduced with this revolutionary blade efficiently drawing warmer, drier air from above and blowing it down and across the entire surface of the carpet.

### Durable and Convenient

Designed for carpet cleaning and restoration professionals, the Whole Room Dryer's versatile four-position design allows for the efficient drying of furniture, walls and ceilings as well as carpets. The rugged cast aluminum legs feature a built in cord wrap and carrying handles for added convenience and mobility. The Commercial Whole Room Dryer is the most powerful, rugged and versatile tool your business will ever need!

### Versatility

The Commercial Whole Room Dryer provides easy operation, versatility, innovative features and superior airflow for use in many different environments including:

- Hospitals and Healthcare Facilities
- Schools and Universities
- Hotels and Resorts
- Restaurants
- Commercial Office Buildings
- Retail Stores and Shopping Malls
- Industrial Facilities



It's All About The Blade!

The revolutionary Swept Fan™ blade design that creates an astounding 9800 CFM at over 44 MPH



#### PRODUCT SPECIFICATIONS

Model	10472A
CFM	9,800
Airflow Velocity	44 mph
Fan Blade	Patented 4 blade Swept Fan™ design, aluminum blades on a galvanized steel hub
Motor Speed	2
Power/Amp	12 amp
Circuit breaker	Molded, Balanced 12 amp
Construction	Rotationally molded polyethylene housing, 3/16" steel motor brackets
Casters	4 Swivel 2-1/2" non-marking wheels, 2 locking, 2 non-locking
Operating Positions	4
Power Cord	20'
Dimensions	25 1/4" x 25 1/4" x 16 1/2"
Weight	50 lbs.
Warranty	1 Year*

\* See full warranty for details



Multi-position functionality to effectively dry carpets, furniture, walls and ceilings



# CFR Ozone Generator

## The Power of Ozone Order Neutralizing



### Destroys The Source of Odors

The CFR Ozone Generator reduces odor-causing bacteria and molecules. This economical environmental odor neutralizer attacks the source of the odor and leaves pure fresh oxygen in its place. The unit is a large-capacity ozone generator ideal for commercial use. It is excellent for smoke damage, mold, mildew, pet odor and other sources of odor commonly found in building maintenance and refurbishing. The Ozone Generator will minimize odor in any indoor location, including basements, kitchens, bathrooms and more. It also provides rapid deodorizing for hotel/motel rooms, meeting rooms, used cars and boats. Requires no routine maintenance.

### How it works

Ozone occurs naturally in the environment. The most common exposure to ozone occurs when there is a thunder storm. The fresh smell you notice is from the ozone released during the storm. The CFR System creates ozone by exposing oxygen in the atmosphere to high-density ceramic and stainless steel electrodes. When the oxygen in the air comes in contact with the electrodes, it brings the oxygen molecules (O<sub>2</sub>) together to form ozone (O<sub>3</sub>). The O-Z unit injects the ozone into the air. When the ozone is introduced, it disperses and mixes with the air.

### Key Features

- Minimizes odors from smoke, pet odor, mold, mildew and more.
- Quickly deodorizes hotel/motel, hospital and meeting rooms.
- Excellent for freshening up cars, buses, boats and aircraft.
- Effective for areas up to 60,000 cubic feet.
- Power supply overload protection.
- Tested and proven to maintain proper activated oxygen levels.
- No plates or UV tubes to maintain.



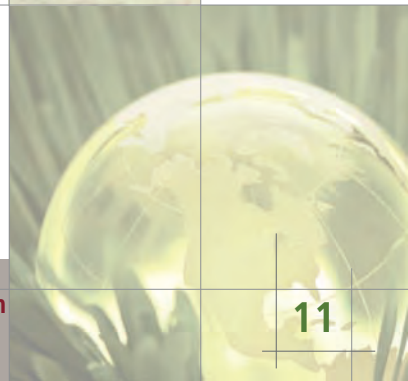
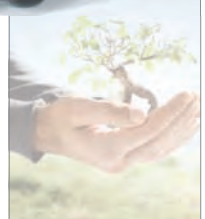
PRODUCT SPECIFICATIONS	
Model	10446A
Air Movement	1.5 grams/hr., 7p.p.m.
Timer	12-hour
Tank Construction	Ultra heavy-duty poly housing
Power Cord	5 ft. grounded
Switches	Turn knob
Fan Motor	100 CFM
Max Effectiveness	60,000 cubic feet
Electrodes	Gas filled arc module
Dimensions	12" x 11" x 12"
Weight	7.3 lbs.
Warranty	1 Year*

\* See full warranty for details

100 CFM fan with ball bearings  
for extended service life.



Easy to use 12 hour timer.



# Specially Formulated Chemicals

## U.S. EPA DfE Recognition for Safer Chemical Systems



Recognized for  
Safer Chemistry  
[www.epa.gov/dfe](http://www.epa.gov/dfe)



### ECO-EXCELL

Formulated to help protect the environment, Eco-Excell is a concentrated heavy duty cleaner, perfect for removal of moderate to heavy soils from carpet, upholstery, and even hard floor surfaces.

### ECO-RECLAIM

An environmentally friendly and powerful, water-based cleaner designed for the reclamation and restoration of synthetic carpets, upholstery, and hard surfaces. Formulated to remove heavy soils associated with disaster recovery and neglect, and also well-suited for high-traffic lane cleaning.

### ECO-DEFOAM

Controls foam created from the removal of chemical residues from previous cleanings. Designed to float in workstation tank to prevent it from being recycled into the cleaning solution and deposited on fiber.

### ECO-ALL-PURPOSE SPOTTER

A water-based eco-friendly general spotter designed for removal of a variety of spills. Effectively removes many spots that normally require strong solvents.

## CFR Chemical Systems



### EXCELL

Solvent-free and phosphorous-free, concentrated heavy duty cleaner to remove moderate to heavy soils on synthetic carpets, upholstery, and hard surfaces.

### A EXCELL

Solvent-free, acidic cleaner for natural or very delicate fibers. Formulated to be sensitive to dyes and natural fibers as well as brighten carpet and upholstery fibers by removing alkaline chemical residues from previous cleanings.

### RECLAIM

Powerful water based cleaner designed for the reclamation of synthetic carpets, upholstery, and hard surfaces. Formulated to remove the types of heavy soils associated with disaster restoration and neglect. Excellent for traffic lane cleaning.

### PERFORM-ALL

Perform-All is a highly concentrated, neutral pH, water based cleaner. This product, based upon state of the art textile surfactant chemistry, contains no solvents and can be used both as a pre-spray and in the workstation for restorative cleaning. Safe for all fabrics, natural and synthetic. Use on any surface. Good for oils and asphalt tracking.

### ABT

An anti-browning formula that eliminates browning caused by over wetting and bleed-through of jute backing. A great product to use as an "acid rinse" for carpeting to remove old extraction cleaners and returning carpet to its factory original pH. Has soil retardant that lasts up to four cycles of cleaning.

### ENZ-SOIL ONE

Powdered, heavy-duty enzyme cleaner designed for the removal of heavy and greasy soils from fabric and hard surfaces, especially effective in restaurant applications.

### AERO-KLEEN

Concentrated, heavy duty, water-based general purpose pre-spray and in-tank recycling cleaner especially designed for use on aircraft interiors, carpets, bulkheads, and upholstery.

### O-Z CLEAN

Specifically designed to promote and accelerate the advantages of using Ozone in the CFR OZ - CARE System for total building and environmental hygiene. Works with ozonated solution to break down organic soils and materials and reduces the volatiles and non-volatile organics discharged into the air. Excellent for use in nursing homes.



# Safer. More Effective. More Economical.



## Specialty Cleaning and Maintenance Systems



### DEFOAM

Controls foam created from the removal of chemical residues from previous cleanings. Designed to float in workstation tank to prevent it from being recycled into the cleaning solution and deposited on fiber.

### DEO REO 30

Deodorizes and reodorizes surface through a concentrated blend of chemical deodorants, odor neutralizers, and floral re-odorants.

### DEO REO 40

Deodorizes and reodorizes surfaces through a concentrated blend of chemical deodorants, odor neutralizers, and pleasantly fragranced re-odorants.

### SHUT OUT

In-tank and topically applied anti-stain concentrate. When used in-tank during the cleaning process, it imparts anti-stain properties to each individual fiber.

## CFR Spot Removal and Destaining



### ALL PURPOSE SPOTTER

A water/solvent micro-emulsion designed for removal of a variety of spills, which are typically removed only with strong solvents.

### SPOTTING KIT

Kit includes five spotters listed below.

#### (1) SUPER-SOLV

Designed to aggressively remove oil-soluble soils such as heavy grease, tar, inks, toners, shoe polish, and chewing gum from solvent-resistant surfaces.

#### (2) POP-OUT

Designed to aggressively remove water-soluble soils such as soft drinks, coffee, catsup, red wine, and similar stains.

#### (3) BW STAIN-AWAY

Designed to remove water-soluble soils that require the introduction of an acidic agent. Ideal for removal of water stains and alkaline detergent residues.

#### (4) ENZ-OUT

Designed for removal of protein stains such as vomit, blood, and urine.

#### (5) CITRA GEL

A citrus gel, formulated to remove gum, tar, grease and adhesives from carpeting. The gel keeps the spotter on the surface where the stains need more contact time.

## Choose the right formula depending upon the surface to be cleaned.



# High Performance Specialty Tools

## Advanced Performance Tools for Moisture-Controlled Cleaning

### Innovative Technology

CFR's patented high performance hand and floor tools atomize high velocity solution to "scrub" each individual fiber and simultaneously recover this solution to prevent over wetting. They clean carpeting, furniture, upholstery, office partitions and fabric wrapped wall systems better than traditional extractors systems. Additionally CFR's unique tool design provides total solution control with all the tools in the offering, creating multi-use workstations. For the ultimate in fabric hygiene, choose CFR environmental cleaning systems.

### RAPID RECOVERY ROLLER WANDS

#### 11" extraction wand



Rapid Recovery  
Wand: Type R

This high performance "Roller Wand" is easy to operate on all carpet surfaces, it is especially recommended for medium to higher nap carpets. Ergonomically designed for comfort, this wand is available in an industry standard reverse operating type (Type R) or in a forward motion operating type (Type F). for maximum results and productivity.

Made of high quality stainless steel this tool will provide years of durable and heavy duty performance. The patented design provides water atomization and high performance recovery for complete solution control and minimum dry time.



Rapid Recovery  
Wand: Type F

### RAPID RECOVERY GLIDE WANDS

#### 11" extraction wand



This high performance "Glide Wand" can be used on all carpet surfaces, however it is preferred by most cleaning professionals on short-nap carpets. Ergonomically designed for comfort, this tool works in a forward motion for maximum results and productivity.

Made of high quality stainless steel, this tool will provide years of durability and heavy duty performance. The patented design provides water atomization and high performance recovery for complete solution control and minimum dry time.



### RAPID RECOVERY HARD SURFACE WANDS

#### 11" scrub and vacuum wand

The "Hard Surface Floor Tool" adds tremendous versatility to all CFR extractors turning them into workstations by providing excellent results for all types of hard surface cleaning including tile and grout.

Made of high quality stainless steel this tool will provide years of durable/heavy duty performance. The patented design provides water atomization and high performance recovery for complete solution control and minimum dry time.





## COMBINATION HAND TOOLS

*3" and 5" hand tools*

The "3" and 5" Combination Tools" are specifically designed for cleaning upholstery, small fabric pieces and high performance general spotting. The fully adjustable air in-let feature makes it easy to clean even fine fabrics. For maximum results and the very fastest dry time consider the combination tool with additional nozzles.



## SPECIAL PURPOSE HAND TOOL

*7.5" hand tool*

The "Special Purpose Hand Tool" provides amazing results for stairs, office panels, fabric wall coverings and other large flat fabric covered surfaces. Add the lightweight "Extension Wand" and reach an additional 4 ft. to clean those hard to reach areas!



## HARD SURFACE HAND TOOL

*7" hand tool*

Especially designed for those tight hard surface areas including stairs and walls. Add the lightweight "Extension Wand" and reach an additional 4 ft. to clean those hard to reach areas! Made of high quality stainless steel these tools will provide years



Made of high quality stainless steel these tools will provide years of durability and heavy duty performance. The innovative design provides water atomization and high performance recovery for complete solution control and minimum dry time.

	Fabric and Carpet Tools					Hard Surface Tools	
	11" Roller	11" Glide	3" Combo	5" Combo	7.5" Special Purpose	11" Hard Surface	7" Hard Surface
Cleaning Path	11"	11"	3"	5"	7.5"	11"	7"
Double Bend Wand	✓	✓				✓	
Adjustable Grip	✓	✓				✓	
Spray Jet Filter	✓	✓				✓	
Max P.S.I.	1000	1000	1000	1000	1000	1000	1000
Exchangeable Jet			✓	✓	✓		
CFM Reducer			✓	✓		✓	✓
Carpet	✓	✓	✓	✓	✓		
Short Nap		✓	✓	✓	✓		
Stairs			✓	✓	✓		
Upholstery			✓	✓	✓		
Fabric Surfaces			✓	✓	✓		
Office Panels			✓	✓	✓		
Title						✓	✓
Grouting						✓	✓
Width	11"	11"	3"	5"	7.5"	11"	7"
Height	60"	67"	6.5"	6.5"	11.5"	62"	15"

## EXTENSION TOOL

*49" Extension*

This 49" lightweight wand can be quickly attached to select hand tools to give greater reach and the ability to do hard floors of all kinds.

## VACUUM HYDRAULIC HOSE

*Insider hoses from 16' to 33'*

Specially designed hose assemblies contain an on/off valve, the fluid hydraulic line and the vacuum hose. These assemblies come in 16' and 33' lengths with an extension length of 25'. Available in both flexible and crush proof.

# Today, We Clean for Health

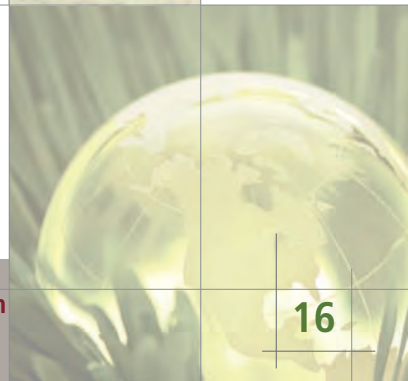
The professional cleaning industry is evolving from simply cleaning for appearance, to Cleaning For Health. When it comes to carpet, CFR is leading the way with the industry's most innovative, moisture-controlled carpet and fabric care solutions. While educational, health care, and commercial buildings provide society with countless benefits, they also have an enormous impact on the environment.

Studies show:

- On average, Americans spend about 90 percent or more of their time indoors.
- Approximately 84 million Americans (including 73.7 million students) spend their days in public and private primary and secondary schools, colleges, and universities.
- Volatile Organic Compounds (VOCs) and other pollutants are found in concentrations 2 to 5 times greater indoors than naturally occurs in the environment, and occasionally 100 times higher than that found outdoors.
- It is estimated that 30% of U.S. workers suffer from health problems caused by Sick Building Syndrome, yet many companies vastly underestimate the benefits that switching to green cleaning can have on lowering VOCs and improving Indoor Air Quality (IAQ).
- Indoor contaminants such as dust, mold, mites, insect and pest droppings, dander, and others are found to significantly impact the occurrence of asthma attacks.
- More than 20 million people, including over 6 million children, have asthma, accounting for over 10 million outpatient clinic visits and nearly 2 million emergency room visits annually.



Recognized for Safer Chemistry  
[www.epa.gov/dfe](http://www.epa.gov/dfe)



At CFR, we care deeply about creating clean, healthy and safe indoor environments for workers and children. The professional cleaning industry plays an integral role in transforming the way we clean, evolving the focus from facility appearance to a new focus on facility health. **CFR is doing our part by taking a leadership role in the evolution, changing carpet care forever.**

*CFR . . . because you care!*



# Because You Care

While water is a renewable resource, it is also a finite one. Water issues affect people in the U.S. and world, including many children. That's why it is important to be environmentally conscious when using water to clean a facility. Consider the water-related facts below:

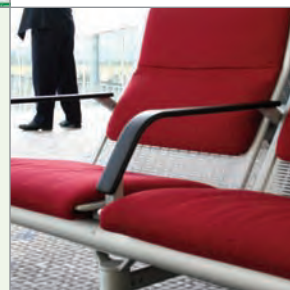


This is how the majority of the world gets its water each day.

- Less than 1% of the Earth's water is available for human use.
- The average person in the U.S. uses 150 gallons of water per day to sustain their lifestyle, while in many places around the world, people struggle to find 5 gallons a day.
- Lack of sanitation and clean water is the world's biggest cause of infection.
- 50% of all schools in the world don't have access to clean, safe water.
- Each year, 443 million school days are lost around the world due to lack of clean water and sanitation.
- Nearly 1 billion people, approximately one in eight people in this world, lack access to clean water, and half of them are children.
- Approximately 4,000 children worldwide die every day of water-related disease.

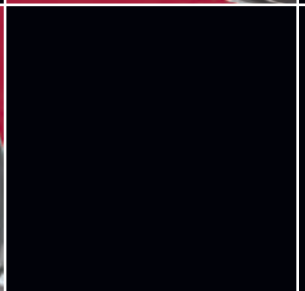
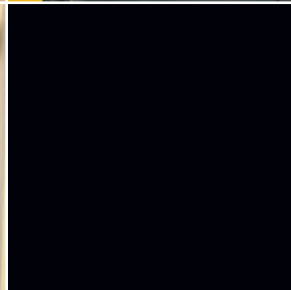
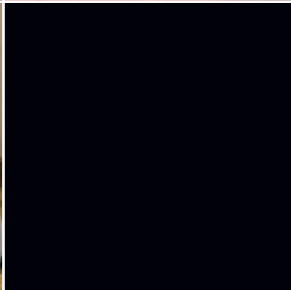
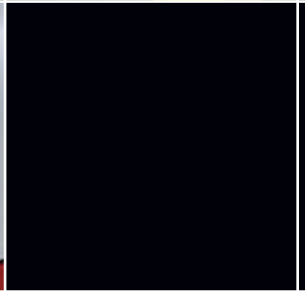
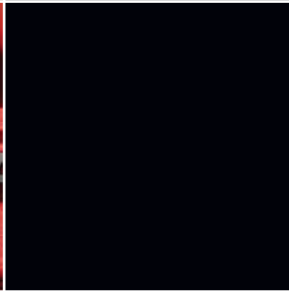
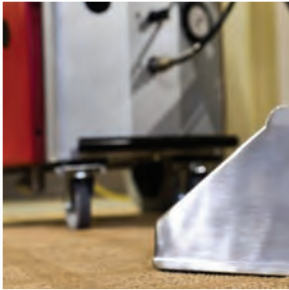
The JanSan industry plays an integral role in transforming the way we clean, evolving the focus from facility appearance, to a new focus on facility health and environmental responsibility.

At CFR, we care deeply about creating clean and healthy indoor environments, while conserving our planet's natural resources. CFR's innovative and patented recycling filtration dramatically conserves water and chemicals by reducing the amounts used. CFR's moisture-controlled wand technology protects from over-wetting of surfaces that creates fiber break-down and fosters bacterial growth. Transforming the way we clean today, CFR is changing carpet care forever. **Choose CFR for its superior cleaning technology, and because you care about cleaning in an socially responsible manner.**



## APPLICATIONS

- *Schools and Universities*
- *Hospitals*
- *Nursing Homes*
- *Hotels*
- *Restaurants*
- *Government Facilities*
- *Commercial Buildings*
- *Transportation*



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***Faster, Cleaner, Greener.***

**Taony**  
A Tacony Company



Form # CFR-CAT  
7-13

\*\* Performance statistics or claims contained in this brochure are estimates. Actual results may vary based upon conditions of the application and surface being cleaned