



<p>1st Integrated program of its kind in North America</p> <p>green^{clean}</p>	<p>1st LEED-EB Gold certified office building in Toronto, Canada</p> <p>483 BAY STREET</p>
<p>1st LEED-EB Silver certified building in the World</p> <p>NATIONAL GEOGRAPHIC</p>	<p>1st Leed Gold certified mall-based store</p> <p>Timberland</p>
<p>1st LEED-EB O&M Gold certified building in the World</p> <p>OneBostonPlace</p>	<p>1st LEED-EB certified building in the City of Boston</p> <p>ONE BEACON STREET</p>
<p>1st LEED-EBOM certified multi-building corporate campus in New England</p> <p>BAYCOLONY</p>	<p>1st LEED-EBOM Platinum certified building in New England/ New York</p> <p>John Hancock</p> <p>801 Congress Street, Boston, MA</p>

Green Cleaning Program

C&W Services Green Cleaning Program

C&W Services is the leading provider of sustainable operations, maintenance, and facility services to building owners and operators throughout North America. Green Cleaning is not something we practice, but something we live by. We constantly strive to bring healthier solutions to our clients by providing our employees with the cleanest, greenest, and most innovative products available. By giving our employees safe and environmentally friendly products, we maintain our customers' facilities to the highest standard. To illustrate our commitment to providing healthier workplaces, C&W Services is the first company in the building maintenance industry to have accomplished the following:

GREEN FIRSTS

First to market and 1st in service delivery,
C&W Services has also helped customers
achieve a number of firsts



- 1st Integrated program of its time
- 1st LEED-EB Silver certified building in the world
- 1st LEED-EB O&M Gold certified building in the world
- 1st LEED-EBOM certified multi-building corporate campus in New England
- 1st LEED-EB Gold certified office building in Toronto, CA
- 1st LEED Gold Certified mall-based store
- 1st LEED-EB Certified building in the city of Boston
- 1st LEED-EBOM Platinum certified building in New England/ New York

ISSA Cleaning Industry Management Standard (CIMS)

C&W Services is one of the few companies in the industry to have the ISSA Cleaning Industry Management Standard (CIMS) and CIMS-Green Building (CIMS-GB) certifications, indicating how we provide value through management best practices, exemplary service and a commitment to sustainability.

The CIMS certification affirms that C&W Services is structured to deliver consistent, quality service and is committed to efficient operations and continuous improvement. CIMS offers independent assurance that our management systems and processes comply with the industry best practices. By implementing the CIMS-GB principles into our operations, C&W Services has established our capability to provide green cleaning services and assist customers achieve points under the LEED Existing Buildings: Operations and Maintenance (LEED-EB: OM) standards.

Every green cleaning program can be measured against the GS-42 Standard as a guideline.

C&W Services Green Cleaning Program begins with frequencies for cleaning every area within a facility. We match the correct Green Seal chemical, tool, machine, and process to ensure we are removing dirt with the lowest possible impact to the environment. Green cleaning programs contain the following:

Sustainability – Green Clean Program

Our leadership is proven by our representation on the Leadership in Energy and Environmental Design (LEED) for Existing Buildings (LEED-EB) committee that formulated the new Operations and Maintenance standard, and our managers on the review boards for various Green Seal products/services. We have also received ISSA Cleaning Industry Management Standard-Green Building certification, EPA’s Partner of the Year award, and the prestigious PR News Corporate Social Responsibility Award for Environmental Communications. For updates on our leadership in sustainability, including testimonials, visit our Web site.

Our expertise includes processes, training, and support that help customers achieve their business goals with less energy, waste, and minimal environmental impacts.

We balance:

- Economics with environment
- Energy with emissions
- Needs of people with the planet



Starting with leadership in green cleaning, C&W Services leads a holistic approach to sustainable facilities that include:

- LEED Certification
- Green Cleaning
- Sustainable Purchasing
- Energy Management

LEED Certification

C&W Services can help with your LEED accreditation, from strategy to documentation to implementation to support. As we perform or manage many of the services being evaluated, we can ensure the desired LEED outcomes are realized. Our many LEED APs and Green Associates work with site staff using Standard Operating Procedures (SOPs) that are fully supportive of LEED-EB certification guidelines from the US Green Building Council (USGBC) and the Canadian Green Building Council (CaGBC).

As a member on the standards committees of the USGBC and CaGBC, C&W Services is highly capable of their implementation, having helped write the standards.

LEED Certification Strategy

- Analysis: to determine your current state relative to LEED certification
- Design: an implementation plan directed toward your desired level of LEED certification
- Implement: our plan, providing expert guidance and course corrections as needed
- Implement: our plan, providing expert guiding expert guidance and course corrections as needed
- Check: confirm progress against plan schedule and cost assessing variance against plan
- Support: ongoing efforts during and after LEED certification to ensure re-certification

Green Cleaning

Our industry-leading C&W Services Green Clean program was introduced in 2004 and has served as the benchmark for green cleaning across North America. While others claim to offer green cleaning, C&W Services maintains the lead with a full, comprehensive program which goes far beyond swapping out chemicals for environmentally friendly counterparts.

In addition to being one of the first-to-market among major companies, our extensive Standard Operating Procedures (SOPs) and our constant evaluation of new products and systems sets us apart from the researching, developing, and testing products at the forefront of technology.

C&W Services Green Clean

Sustainable Purchasing

C&W Services' sustainable purchasing supports all aspects of our services – from green cleaning to operations and maintenance to landscaping, and more. Through our purchasing practices, we seek to reduce adverse impacts on the environment while satisfying customer demand for environmentally sensitive products and services.

Our purchasing team develops agreements with selected manufacturers for consumable products that reduce harmful contaminants to the facility and reduce excess packaging. These two complementary goals create healthier, greener workplaces while helping to reduce costs in purchasing, operating and disposal.

At our client accounts, as well as at C&W Services offices, we make buying decisions seeking to:

- Reduce and eliminate toxic compounds from cleaning and maintenance materials and products (Green Seal certified products receive preferential consideration)
- Reduce air borne particulates and volatile organic compounds in the workplace
- Purchase chemical concentrates to minimize waste by reducing the volume/weight of packaging and utilize reusable shipping materials
- Purchase products with recycled material content, locally produced and containing at least 20% post-consumer content
- Buy products containing 50% bio-based rapidly renewable materials and/or at least 50% Forest Stewardship Council certified paper products
- Pursue innovations and products that help increase operating efficiencies, conserve energy and water.












The chemicals used in our Green Clean program follow all criteria as outlined in the GS-42 Standard, including the use of chemical disinfectants and are as follows:

Product Description	Product Code	Pack Size	Dilution Ratio	
Restroom Cleaners				
 <p>CREW® Bathroom Cleaner and Scale Remover</p> <p>Mild acidic cleaner developed for removal and prevention of soap scum and hard water deposits on bathroom fixtures, tiles, shower doors, and any other washable surface.</p>	   CCD-146 BATHROOM CLEANERS	3145310	2 x 1.5 L RTD® Fill Unit	1:18
	3172650	2 x 2.5 L J-Fill® Cartridge	1:18	
	5271230	2 x 1.5 gallon Command Center™/MC	1:18	
Specialty Surface Cleaners				
 <p>Glance® NA Non-Ammoniated Glass Cleaner</p> <p>Non-streaking, quick-drying, non-ammoniated glass cleaner. Use on most washable surfaces, including chrome, stainless steel, bathroom fixtures and laminate countertops. Blue in color with a surfactant scent.</p>	   CCD-146 WINDOW AND GLASS CLEANERS	5271310	2 x 1.5 gallon Command Center™/MC	1:40
		5019510 (NGG)	2 x 1.4 L SmartDose™/MC	1:40
		5285375	2 x 3 L Outpost™/MC	1:40
		3361936	2 x 1.5 L RTD® Fill Unit	1:40
		3172641	2 x 2.5 L J-Fill® Cartridge	1:40
Floor Finishes and Strippers				
 <p>Aquaria® Floor Finish</p> <p>A long-lasting, zinc-free, multi-maintenance floor finish that meets your environmental expectations. Durable, proven polymer technology. Exceptional buff response.</p>	 	5120870	1 x 5 gallon Envirobox™/MC	Ready-To-Use
		4972026	6 x 2.5 L ProSpeed™/MC	Ready-To-Use
 <p>Pro Strip™ SC/Attac® SC Stripper</p> <p>A highly concentrated, powerful stripper that quickly bites through layers of floor finish, decreasing downtime and labor costs, while reducing the odors associated with floor stripping.</p>		5547312	1 x 5L RTD® Fill Unit	1:13, 1:20
		5547355	2 x 2.5 L J-Fill® Cartridge	1:13, 1:20
		5547427	2 x 1.5 gallon Command Center™/MC	1:13, 1:20
		5580067 	1 x 5L RTD® Fill Unit	1:13, 1:20
Odor Eliminators				
 <p>Good Sense® Odor Eliminator</p> <p>Meets Ecologo certification standard. Bacteria based formula for effectively eliminating tough odors. Controls odors in carpet caused by urine, fecal matter and vomit. Also can be used as a restroom cleaner and drain maintainer.</p>		4496154	4 x 1 gallon	1:1, 1:10
		5271328	2 x 1.5 gallon Command Center™/MC	1:10

(NGG) Not GREENGUARD®

Product Description	Product Code	Pack Size	Dilution Ratio
Floor and General Purpose Cleaners			
 <p>Prominence™/MC Heavy Duty Floor Cleaner</p> <p>Highly effective cleaner designed to remove soils and oils without dulling or altering the appearance of the floor. pH neutral when diluted. Leaves a fruity scent.</p>	4996466	2 x 2.5 L J-Fill® Cartridge	1:256, 1:512
	4996458	1 x 5 L RTD® Fill Unit	1:256, 1:512
 <p>Stride® Citrus Neutral Cleaner</p> <p>Neutral all-purpose cleaner for everyday floor cleaning and light duty spray and wipe cleaning. Pleasant citrus scent.</p>	3063390	1 x 5 L RTD® Fill Unit	1:256
	03909 (GSO)	6 x 32 oz. AccuMix™/MC	1:128, 1:256, 1:384, 1:768
	04716	2 x 2.5 L J-Fill® Cartridge	1:375, 1:750
	03904 (GSO)	4 x 1 gallon	1:32–1:128
 <p>Stride® Floral Neutral Cleaner</p> <p>Neutral all-purpose cleaner for everyday floor cleaning and light duty spray and wipe cleaning. Pleasant floral scent.</p>	03815	6 x 32 oz. AccuMix™/MC	1:256, 1:384, 1:768
	04717	2 x 2.5 L J-Fill® Cartridge	1:375, 1:750
	04689	4 x 1 gallon	1:32–1:128
 <p>General Purpose Cleaner</p> <p>A highly effective general cleaner for most cleaning applications. Can be used in floor scrubbing, mop and bucket, and spray and wipe applications. Leaves a pleasant scent.</p>	3172668	2 x 2.5 L J-Fill® Cartridge	1:64, 1:256
 <p>PERdiem™/MC General Purpose Cleaner</p> <p>A concentrated general purpose cleaner with proprietary Accelerated Hydrogen Peroxide (AHP®) technology for high-productivity cleaning. Depending on dilution, this product can be used for a variety of cleaning applications, including floors, glass and other hard surfaces. Can be used in floor scrubbers, mop and bucket, and spray-and-wipe cleaning. At dilution, formula is safe for use on marble. Contains no added dyes or fragrance. Product can be used for carpet extraction, prespray and spotting. Colorless and odorless.</p>	5613252	2 x 2.5 L J-Fill® Cartridge	1:64, 1:256
	4998841	4 x 1 gallon	1:64–1:256
	4998859	1 x 5 L RTD® Fill Unit	1:64, 1:128, 1:256
	5019481	2 x 1.4 L SmartDose™/MC	1:64, 1:256
	4998832	2 x 1.5 gallon Command Center™/MC	1:64, 1:128, 1:256, 1:512
	5018752	2 x 3 L Outpost™/MC	1:64, 1:256
	5982816	2 x 1.5 L RTD® Spray	1:64

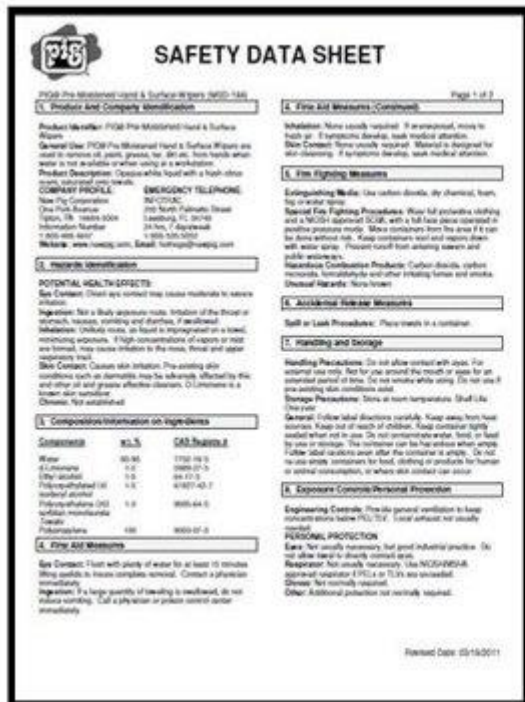
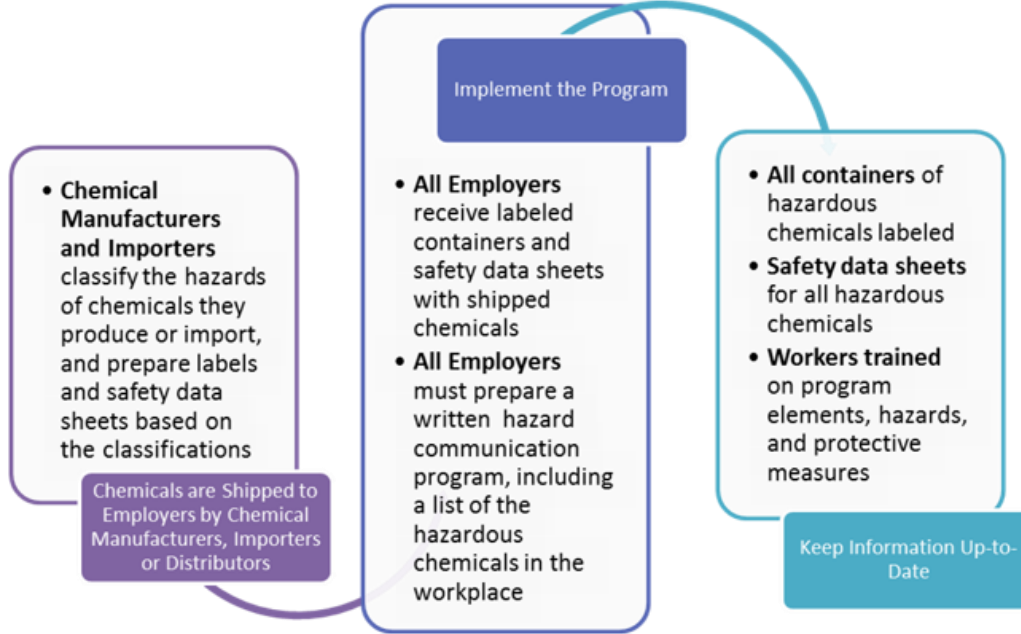
(GSO) Green Seal Only (NGG) Not GREENGUARD® (ELO) Ecologo® Only
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Product Description	Product Code	Pack Size	Dilution Ratio
Floor and General Purpose Cleaners			
	Stride® Fragrance Free Neutral Cleaner		4240626 2 x 2.5 L J-Fill® Cartridge 1:256 4493981 1 x 5 L RTD® Fill Unit 1:256
Neutral all-purpose cleaner for everyday floor cleaning and light duty spray and wipe cleaning. Fragrance free.			
	Alpha-HP® Multi-Surface Cleaner		5271213 2 x 1.5 gallon Command Center™/MC 1:64, 1:128, 1:256 3350727 2 x 1.5 L RTD® Fill Unit 1:64, 1:128, 1:256 3350743 1 x 5 L RTD® Fill Unit 1:64, 1:128, 1:256 3401512 2 x 2.5 L J-Fill® Cartridge 1:64, 1:256
An all-in-one, multi-surface cleaner that cleans and brightens surfaces easily. The RTD® dispensing system offers three dilution rates to provide a complete cleaning system. Can be used as a Carpet Spotter (1:64), Prespray (1:128) and Extraction Cleaner (1:256) for light soil.			
			
	Emerel® Plus Crème Cleanser		4496138 12 x 32 oz. Squeeze Bottles Ready-To-Use
Alkaline formula that quickly removes grease, soap scum, scuff marks and other stubborn spots and build-up without scratching the surface. Use on porcelain, ceramic, stainless steel, chrome, Formica® and fiberglass. White in color with characteristic scent.			
	Raindance™/MC Low Foam Neutral Floor Cleaner		4523247 2 x 3 L Outpost™/MC 1:256 3323981 2 x 1.5 gallon Command Center™/MC 1:256 3145221 1 x 5 L RTD® Fill Unit 1:256
A low-foam neutral floor cleaner concentrate for effective cleaning of floors and other hard surfaces. The low-foam formula is perfect for use in autoscrubbers and in mop and bucket applications. No rinsing is required for fast, cost-effective cleaning. Yellow in color with a citrus scent.			
Personal Care			
	Soft Care® Foam General Purpose Hand Soap		5643961 4 x 1000 mL (Foam)
A lotionized foam soap for light to medium soil removal in all types of commercial, industrial and institutional environments. The unique foaming formula contains Aloe, Tocopheryl Acetate (Vitamin E) and emollients to help soften skin.			
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Hazard Communication

HazCom requirements for C&W Services sites:

- A Written HazCom Program
- Compliance with GHS (Globally Harmonized System)
- Safety Data Sheets (SDS)
- Proper Product Labeling
- Required Employee Information/Training



S.D.S Information By Section

- Section 1 - Identification: Includes product identifier; manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.
- Section 2 - Hazard(s) Identification: Includes all hazards regarding the chemical; required label elements.
- Section 3 - Composition/Information on ingredients: Includes information on chemical ingredients; trade secret claims.
- Section 4 - First-aid measures: Includes important symptoms/effects, acute, delayed; required treatment.
- Section 5 - Fire-fighting measures: Lists suitable extinguishing techniques, equipment; chemical hazards from fire.
- Section 6 - Accidental release measures: Lists emergency procedures; protective equipment; proper methods of containment and cleanup.
- Section 7- Handling and Storage: Lists precautions for safe handling and storage, including incompatibilities.
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- Section 8 - Exposure Controls/Personal Protection: Lists OSHA's Permissible Exposure Limits (PELs); Threshold Limit Values (TLVs); appropriate engineering controls; personal protective equipment (PPE).
- Section 9 - Physical and Chemical Properties: Lists the chemical's characteristics.
- Section 10 - Stability and Reactivity: Lists chemical stability and possibility of hazardous reactions.
- Section 11 - Toxicological Information: Includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity.
- Section 12 - Ecological Information: Ecotoxicity (aquatic and terrestrial, where available), persistence and degradability, bio-accumulative potential, Mobility in the soil.
- Section 13 - Disposal Information: Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.
- Section 14 - Transport Information: UN number, UN proper shipping name, transport hazard classes, packing group, environmental hazard, special precautions for users, transport in bulk.
- Section 15 - Regulatory Information: Safety, health and environmental regulations specific for the product in question.
- Section 16 - Other Information: Includes the date of preparation or last revision.

Equipment and Tools

CW SERVICES recognizes the opportunities to reduce the environmental impact from our operations by utilizing equipment that is designed for efficiency. CW SERVICES will use high performance vacuums and dust collection filters that conform to the LEED-EB standards. In critical environments, we will use three-step filter vacuums that adhere to HEPA (High Efficiency Particulate Air) filter standards that specify 99.97% of all particulates are collected. Furthermore, our vacuums have received the green label seal of approval by the Carpet and Rug Institute to certify the performance of the vacuums.

Floor polishing and buffing equipment must have an active dust collection system to significantly reduce the number of particles that can contaminate the air during floor maintenance operations. This reduces cleanup requirements and dust exposure for cleaning personnel, as well as building occupants.

Carpet extraction equipment uses controlled applications of cleaning materials and less water, to meet our goal of less dry time to cut down on possibility for mildew and mold to grow, which can be extremely problematic for any building and its occupants. Spot extractors combined with the right cleaning agents, makes a substantial impact on reducing the need for solvent type spot removal chemicals containing Volatile Organic Compounds (VOCs), and improving worker and occupant safety.

Vapor steam cleaners are becoming more popular and are highly recommended for cleaning and disinfecting building equipment and finishes, without the use of chemical cleaning agents. The units deliver low moisture content steam under pressure at temperatures that range from 200 to 300 degrees. The heat, and dry steam are a natural cleaner and deodorizer. When the vapor penetrates surfaces it destroys mold spores, bacteria, viruses, and dust mites. The units are very effective for tile, grout, stone, and metal surfaces, and eliminate the need for solvent-based degreasers or baseboard cleaning chemicals.

Some of our floor scrubber equipment have the ec-H2O technology electrically converts water into an innovative cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact. INCREASES SAFETY NFSI certifies that ec-H2O™ improves floor traction, which can reduce the risk of slip-and-fall incidents. NSF registration ensures the technology is safe to use even in food and beverage handling environments. REDUCE ENVIRONMENTAL IMPACT ec-H2O™ reduces the impact of cleaning operations on the environment in seven key categories according to a third-party study by EcoForm.

All machines and tools used in the delivery of cleaning services by C&W Services, will meet the stringent GS-42 Standard. A partial list of standard equipment is below. Other equipment, meeting the same standards may be substituted.

*Some of the fundamental differences in our cleaning delivery are vacuuming instead of dust mopping or sweeping, and auto scrubbing instead of mopping. Removing the dirt in the most effective manner will have a cumulative effect on the cleaning process.

Micro Ultra and MicroStandard Damp Mops



The TASKI® Damp Mops are specifically designed for wet mopping in high traffic areas that require regular cleaning. The mop's extremely fine fibers make it easy to penetrate at a finer level than normal fibers, removing more dirt and grease.

Key Advantages

- ▶ Excellent dust and dirt pick-up properties
- ▶ Excellent glide properties
- ▶ Effective, proven bacteria removal

Benefits

- ▶ High mop durability provides 800 washes for MicroUltra or 500 for MicroStandard
- ▶ High efficiency and productivity

Designed For

- ▶ Healthcare
 - ▶ Education
 - ▶ BSC
 - ▶ Government
 - ▶ Lodging
 - ▶ Retail
-

Ultra Handles and Mop Frames



The new generation of Ultra handles and frames has been specifically designed for the professional TASKI® system.

Easy-to-Use

- ▶ Soft rubber grip makes handling very user-friendly
- ▶ Top of the handle is rubber-coated to prevent sliding when placed against walls or tables
- ▶ All Ultra handles can be autoclaved for sterilization

Ergonomic and Adjustable

- ▶ Ergonomic handles allow the user to clean with little effort
- ▶ Can be adjusted to the appropriate working height
- ▶ Available in two sizes: Large (40-67 In/100-170 cm) and Small (24-42 In/60-105 cm)
- ▶ Handles can fold flat to reach under beds and other hard to reach areas

Designed For

- ▶ Healthcare
 - ▶ Education
 - ▶ Retail
 - ▶ BSC
 - ▶ Government
 - ▶ Lodging
-

Ultra Handles and Mop Frames

To ensure an ergonomic way of cleaning, the **TASKI® Ultra system** can be adjusted to the correct working height.

For the **TASKI® Ultra system**, this can be achieved by placing one foot on the mop frame, twisting the upper part of the mop handle to unlock the system, extending the telescopic handle until the top of the handle reaches just below the chin, and locking the handle again by twisting in the opposite direction.

It is highly recommended to use the **TASKI® Ultra Mop Frames** together with the **TASKI® Ultra Handles** and **MicroUltra Mops**.



Ultra T-Handle Technical Data

Description	
Material	Aluminum, Polypropylene, Polycarbonate
Color	Black and Silver
Size	Large 39.5 – 67 in (100 – 170 cm) Small 24 – 41.5 in (60 – 105 cm)
Weight	Large 1.0 lbs (460 g) Small 0.7 lbs (315 g)
Grip Diameter	1.3 – 1.9 in (3.2 – 4.7 cm)
Locking System	Grip Twist

Ultra Mop Frames Technical Data

Description	
Material	Aluminum, Polyethylene, Polypropylene
Color	Black and Silver
Mop Frame 60 Size/Weight	22.4 x 3.5 x 1.8 in (57 x 8.8 x 4.6 cm) 0.8 lbs (382 g)
Mop Frame 40 Size/Weight	16.1 x 3.5 x 1.8 in (41 x 8.8 x 4.6 cm) 0.6 lbs (294 g)
Mop Frame 25 Size/Weight	9.4 x 3.5 x 1.8 in (24 x 8.8 x 4.6 cm) 0.4 lbs (200 g)

Ultra T-Handle and Frame Ordering Information


Model	Size	Quantity	SKU Number
Ultra T-Handle Large	39.5 – 67 in / 100 – 170 cm	2 pcs	7514586
Ultra T-Handle Small	24 – 41.5 in / 60 – 105 cm	2 pcs	7514588
Ultra Mop Frame	24 in / 60 cm	2 pcs	7514595
Ultra Mop Frame	16 in / 40 cm	2 pcs	7514597
Ultra Mop Frame	10 in / 25 cm	2 pcs	7514599
Ultra Velcro® Set	24 in / 60 cm	5 sets	7514630
Ultra Velcro® Set	16 in / 40 cm	5 sets	7514631
Ultra Velcro® Set	10 in / 25 cm	5 sets	7514632

All powered equipment will meet the following guidelines as outlined in the GS-42 Standard:

- Vacuum cleaners must meet, at a minimum, the Carpet and Rug Institute Green Label Program requirements and shall operate at a sound level of less than 70 decibels (dBA).
- Carpet extraction equipment must meet at a minimum the Carpet and Rug Institute Bronze Seal of Approval.
- Hot water extraction equipment for deep cleaning carpets is capable of removing sufficient moisture such that carpets can dry in less than 24 hours
- Powered maintenance equipment including floor buffers, burnishers, and automatic scrubbers is equipped with vacuums, guards and/or other devices for capturing fine particulates, and shall operate with a sound level less than 70dBA
- Propane-powered floor equipment must have low-emission engines certified by the California Air Resources Board under the Small Off-Road Engines or Equipment program and shall be equipped with catalytic and exhaust monitoring systems in addition to other requirements for floor equipment set out in the section.

- Automated scrubbing machines are equipped with variable-speed feed pumps to optimize the use of cleaning fluids
- Battery-powered equipment is equipped with environmentally preferable gel batteries
- Active microfiber technology is used to reduce cleaning chemical consumption and prolong life of disposable scrubbing pads
- Powered equipment is ergonomically designed to minimize vibration, noise, and user fatigue
- Equipment has rubber bumpers to deduce potential damage to building surfaces
- Current in-use propane-powered equipment may only be used when the building is unoccupied, and under conditions allowing for as much air circulation and exchange as possible.
- Powered scrubbing machines must be equipped with a control method for variable rate dispensing to optimize the use of cleaning fluids.

**In addition to the above criteria, all equipment will be inspected quarterly, will have a lock out tag out program and maintenance logs maintained on all capital equipment. Some programs will be done by in house C&W personnel and some programs will be with the machine manufacturers.




Vac Pac

The Vac Pac portable back vacuum increases operator productivity and efficiency while saving you money on your cleaning program.

- 6 and 10 quart capacities to accommodate different operators and job requirements
- Ergonomically designed harness system for operator comfort
- 5-piece tool kit included
- Vacuum hose is designed for right or left handed operation
- Cord mounted power switch for operator ease of use
- Optional high-efficiency filter kit filters 99.98% of particles down to 0.3 microns
- UL Listed to U.S. and Canadian safety standards

Current #	Previous #	Description
1.014-007.0	VP6	Vac Pac Back Vacuum, 6 qt. (Includes hose and tool kit)
1.014-005.0	VP10	Vac Pac Back Vacuum, 10 qt. (Includes hose and tool kit)




Sensor XP Upright Vacuum

The Sensor is the only vacuum to offer superior upright vacuuming technology that protects itself from operator neglect. The Sensor gives you the assurance of a two year warranty on the brush and vacuum motor, and a lifetime warranty on belts.

- Powerful Sensor XP models feature 1,200 watt vacuum motor
- Automatic Vacuuming System automatically adjusts brush height for peak efficiency on any surface
- Electronic control system warns operator if bag is full or brush is jammed
- Motor turns off to prevent damage if warnings are ignored
- 3-stage 0.3 micron filtration efficiency over 99%
- Optional HEPA filter
- Ultra-light handle weight
- Available in 12", 15" and 18"
- UL Listed to U.S. and Canadian safety standards

Current #	Previous #	Description
1.012-024.0	SRXP12	Sensor XP 12" (300 mm) Upright Vacuum
1.012-027.0	SRXP15	Sensor XP 15" (380 mm) Upright Vacuum
1.012-030.0	SRXP18	Sensor XP 18" (460 mm) Upright Vacuum

Active Dust Control




Wave Wide Area Vacuum

Productive wide area vacuum with on-board tools and attached wand for cleaning out-of-reach surfaces and the carpet in one pass.

- Enclosed bag-in-bag design and four-stage filtration system for improved indoor air quality
- HEPA filtration (optional)
- Six brush height adjustments to maximize cleaning performance


- Contoured design with an ergonomic handle that allows the hands to remain in a natural "handshake" position
- City of L.A. Electrical Authority Approved

Current #	Previous #	Description
1.012-505.0	WAV	Wave 28" (710 mm) Wide Area Vacuum



Chariot 2 iGloss 20 Stand-On Burnisher (Small Platform)

- 20" cleaning path
- 2000 rpm
- Offers smaller Chariot platform maneuverability and productivity
- Designed with patent-pending spring-loaded weighted pad
- Simple use and training
- No down pressure pad adjustment by user—just turn knob and go
- Available in passive or active dust control
- OBC option available on AGM model
- Easy access to vacuum bag
- Low dBA (62 active, 59 passive)



Taz with Orb Technology

The Taz is the only true all-surface cleaning, scrubbing, sanding, polishing, extraction, interim, and grinding machine in the industry. Our Orb technology is what sets this machine apart from the competition.

- Orbital agitation requires less time, water, chemical, and heat due to its dual action vibration and rotation.
- The Taz has 100% contact with the floor
- Low-vibration design makes this machine easy to use and prevents operator fatigue.
- Works on carpet, stone, tile & grout, wood, vinyl, concrete, epoxy, and other surfaces
- Low-chemical system for carpet cleaning, and tile and grout cleaning
- Chemical-free system for stripping
- Ergonomic, vertical handle is adjustable for different operator heights and folds down for ease of transportation.

Current #	Previous #	Description
9.841-231.0		Taz Deluxe (17" Pad Driver with Solution Tank) includes 3 tanks
9.841-232.0		Taz (17" Pad Driver without Solution Tank)



B 60 W Bp

The B 60 W Bp walk-behind scrubber has adjustable contact pressure and is great for medium-sized areas.

- 26" (650 mm) cleaning path w/ 33.5" (850 mm) squeegee
- Tank-in-Tank system for full operator access to tanks
- 16 gallon tank
- On-board charger
- Kärcher Intelligent Key (KIK) System & eco/efficiency mode
- Cylindrical (R) or orbital (S)

Accessories for 26" Orbital (S 65) Model

8.635-789.0

Pad, S 65 Surface Prep, Package of 5

8.635-788.0

Pad, S 65 Red, Package of 5

8.635-836.0

Pad, S 65 White, Package of 5



Lightning 2000 Cord Electric Burnisher

The Lightning 2000 rpm burnisher utilizes a powerful, direct drive, 1.5 hp motor and an efficient dust control system to produce a brilliant shine fast. Operators are able to easily control the Lightning 2000 due to a unique floating handle system that adjusts to changing floor conditions. Durable all-metal design for longer life.

- 20" (508 mm) burnishing path
- Dust control to eliminate follow-up dust mopping
- Powerful 1.5 hp direct drive motor powers a flexible pad driver for a high-gloss shine
- UL Listed to U.S. and Canadian safety standards

Current #	Previous #	Description
1.009-019.0	LB2000	Lightning 2000 rpm 20", (510 mm) Ultra High-Speed Burnisher equipped with Dust Control, Floating Handle and Flexible Pad Driver

Accessories for Lightning 2000

Current #	Previous #	Description
8.600-139.0	140441	Replacement Dust Filter for LB2000 (package of 10)



Chariot 3 iExtract 26 DUO

The Chariot 3 iExtract 26 DUO was developed from our years of experience as the innovators of the stand-on cleaning segment. No other manufacturer comes close to the depth of our line of stand-on cleaning machines. This machine brings our interim and extraction cleaning technology to our third generation Chariot platform.

Chariot 3 iExtract 26 DUO Features:

- Productive interim encapsulation and deep extraction cleaning

Voyager DUO Interim & Deep Carpet Extractor



Voyager Duo provides multiple carpet cleaning options in one machine. Use for pre-spray and neutral rinse, iCapsol interim and deep extraction cleaning. The Voyager Duo Deluxe is equipped with dual automatic metering chemical tanks.

- 31.4 gallon (118.9 ltr.) solution capacity
- 21 gallon (79.5 ltr.) recovery capacity

- 24" (610 mm) cleaning path
- Dual 24" (610 mm) counter-rotating brushes
- Interim flow rate 0.24 gpm
- Restorative flow rate 1.05 gpm
- 4 quick change spray jets
- Brush speed, 1000 rpm

Current #	Previous #	Description
9.840-438.0		Basic, 3-12V/205 A/H batteries, 36V/21A C175 automatic charger
9.840-439.0		Basic, 3-12V/225 A/H batteries, 36V/21A C175 automatic charger
9.840-440.0		Basic, 3-12V/234 A/H AGM batteries, 36V/21A dual mode automatic charger

T12 Compact Battery Ride-On Floor Scrubber


Get the power of a heavy-duty floor scrubber with the compact, easily maneuverable T12 Compact Battery Ride-On Floor Scrubber. Engineered for easy operation and maintenance, the T12 combines innovative features and substantial power for an effective clean.


ec-H2O™ Technology ec-H2O™ technology electrically converts water into an innovative cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact compared to traditional cleaning chemicals and methods. Use ec-H2O™ technology to reduce the costs associated with conventional floor cleaning detergents, such as purchasing and inventory management. Plus, experience productivity gains when operators require less training and don't waste time mixing chemicals. Additionally, machines equipped with ec-H2O™ technology use less water so they can scrub up to three times longer between non-productive dump and fill cycles.



Available Technologies

 ec-H2O™ technology

 IRIS® Asset Manager

 High capacity battery power sources

B10 Rider Burnisher



- Prevent human exposure to propane fumes by choosing a battery floor burnisher.
- Protect operators from the possibility of acid contact with an optional manual battery watering system.
- Maintain safe sound levels for operators with the battery rider burnisher's quiet operation, as low as 69 dBA.
- Maintain indoor environmental air quality using the industry's only battery rider burnisher with standard active four-stage HEPA dust control.

- Achieve high-performance burnishing results with an ultra-quiet, ergonomic platform that minimizes exposure to dust particles and carbon monoxide fumes.

- Use the integrated step to easily get on and off the B10 Battery Rider Burnisher then remain comfortable during operation with its ergonomic design.

- Minimize risks related to propane cylinder transportation, storage and handling by choosing a battery rider burnisher over a propane-powered unit.

R14 Ride-On Carpet Extractor

Get the convenience of an interim ride-on extractor and the effectiveness of a deep cleaning rider extractor in one machine. Innovative Tennant ReadySpace® technology lets you clean frequently with rapid drying. Deep extraction technology provides an exceptional deep cleaning and extends carpet life and fresh appearance.

CREATE FRESHER, HEALTHIER ENVIRONMENTS Using 80% less water to clean, and leaving up to 90% less water in the carpet, the R14 with ReadySpace helps reduce mold and bacteria growth and leaves spaces cleaner and healthier

INCREASE ENVIRONMENTAL SAFETY Since carpets dry faster with ReadySpace technology, the risk of slip-and-fall accidents when transitioning from just-cleaned carpet to hard floor is noticeably reduced.



Carpet and Rug Institute (CRI) Seal of Approval – Certified Bronze.

All chemicals, tools and equipment carry at least one of the designations below as outlined in the GS-42 Standard.



Janitorial Paper Products

C&W Services has negotiated contracts with the leading paper manufacturers which, at a minimum, meet the U.S. Environmental Protection Agency’s Comprehensive Procurement Guidelines for post-consumer recycled content. In addition, we have also negotiated contracts with paper manufacturers who offer Green Seal certified paper which, in addition to the post-consumer content, offer chlorine-free bleach processes to even further reduce impacts on the environment.

CW SERVICES can also help identify towel and tissue dispensers that reduce paper consumption and are hands-free, to reduce the potential spread of harmful organisms to protect the health of the customer, employees, and visitors.

Trashcan liners

C&W CW SERVICES is committed to addressing as many opportunities as possible which will result in reduced environmental impacts, all the way down to the selection of our trashcan liners. For those clients where recycled trash can liners are mandated, CW SERVICES has negotiated contracts with the leading manufacturers which at a minimum meet the U.S. Environmental Protection Agency’s Comprehensive Procurement Guidelines for post-consumer recycled content. At present, recycled trash can liners are very costly and it is not considered to be part of our standard program.

Waste Stream Management (Recycling)



Waste stream management seeks to minimize trash and maximize recyclables. For CW SERVICES, it starts with using concentrated green cleaning products and dispensing equipment. This minimizes waste from both the chemicals themselves, as well as from product packaging. Janitorial equipment such as vacuum cleaners and floor machines are purchased for performance and durability, so they last longer. We recommend clients consider hand towels and toilet paper for green sites that have 40% and 30% post-consumer recycled fiber, and help “close the loop” by purchasing products that contain recycled materials.

CW SERVICES recognizes full participation and integration are required to establish and maintain a successful recycling program. CW SERVICES prides itself on being an industry leader and responsible

community citizen. We are committed to the concept of conservation. When it comes to recycling or solid waste management, the vast resources of CW SERVICES can be tapped to solve any problem or address any specific concern. CW SERVICES concentrates its efforts on site collection and transport responsibilities, constituent awareness, establishing participation drives and negotiating salvage reclamation revenue rates.

CW Services’s expertise in recycling programs at educational and commercial facilities can be beneficial in fulfilling state/local recycling quotas, reducing mainstream waste disposal costs and enhancing the customer’s environmental awareness program.

Training

CW SERVICES invests heavily in general employee training. While there are OSHA and other requirements that all service providers must meet, CW Services’s training goes far beyond that which is minimally required by law.

CW SERVICES has established working relationships with suppliers with the ability to train personnel, regarding green janitorial products and cleaning. We have developed standardized training programs to ensure our workers are doing the job right the first time. Furthermore, in addition to the traditional training necessary on cleaning products, equipment, and procedures, our GreenCleanSM program also considers how it can affect the health and safety of employees, visitors, and other building occupants.

CW Services’s training extends from equipment maintenance to mixing station operations to proper application procedures. Seemingly minor techniques, such as applying a cleaner to a cloth rather than spraying it on a surface, are important and can have an enormous impact on exposures to building occupants and the environment. A big part of the training is explaining the importance of the procedures to workers. They need to understand how they affect the environment as they go through their work day, as well as the benefits to CW Services’s customers and to their own health and safety. CW SERVICES keeps detailed training records for each employee. These records are used in scheduling workers to ensure everyone is properly trained before he or she is assigned any task.

All Green Cleaning programs must have documented initial and on-going training. Some of the training provided to all cleaning personnel are:

Green Clean Procedures	Green Clean Chemicals, Equipment and Supplies
▪ Dusting and vacuuming	▪ Chemicals
▪ Floor care	▪ Equipment
▪ Carpet care	▪ Janitorial paper products
▪ Restroom cleaning	▪ Trashcan liners
	▪ Other tools and equipment

Green Clean Training	Training Documentation
▪ Correct product dilution to minimize excess vapors	Diversey Training Program
▪ Proper use and disposal of supplies	SOP Training
▪ Equipment maintenance for high-efficiency and minimal exhaust	Equipment SOP’s and equipment maintenance program
▪ Mixing station operations to ensure safe solution levels	Diversey Training Program

<ul style="list-style-type: none"> ▪ Proper application procedures (e.g., applying a chemical to a cloth, not spraying it on a surface) 	SOP Training
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Minimizing Trash	Maximizing Recyclables
<ul style="list-style-type: none"> ▪ Concentrated green cleaning products and dispensing equipment 	<ul style="list-style-type: none"> ▪ Hand towels and toilet paper with postconsumer recycled fiber
<ul style="list-style-type: none"> ▪ Minimizes waste from chemicals and packaging 	<ul style="list-style-type: none"> ▪ Plastic trashcan liners with post-consumer content

Annual in-service, refresher training is provided to maintain proficiency and ensure regulatory compliance. All training is documented and maintained in our proprietary database.

It is critical to all green cleaning programs to have standard SOPs written for each cleaning process. These documents should include details such as the proper chemicals, tools, equipment, personal protective equipment, and the detailed cleaning procedure. These can be laminated and placed on cleaning carts for cleaning personnel to refer to on an on-going basis. All SOPs should be reviewed and updated annually by operations, procurement, and safety teams.