

HVAC | INDUSTRIAL PLANT | FACILITY | FOOD & BEVERAGE

GOODWAY®

▲ INNOVATIVE &
TECHNOLOGY-DRIVEN
MAINTENANCE SOLUTIONS



JANUARY
2024

GOODWAY.COM
1-800-333-7467

A LETTER FROM THE PRESIDENT & CEO

GOODWAY IS HERE TO SUPPORT OUR CUSTOMERS THROUGH CONTINUAL INNOVATION AND BEST IN CLASS CUSTOMER SERVICE

As we navigate our changing landscape, Goodway Technologies stands proud as an industry leader in quality and innovation. Over nearly six decades, we have remained committed to delivering top-tier industrial maintenance and specialty cleaning technology that will meet and exceed the high standards our customers expect and deserve.

While we still see challenges driven by global uncertainties, our supply chains continue to show resiliency, and we're dedicated to limiting the impact on our customers. We are steadfast in the pursuit of new opportunities to provide innovative solutions for our customers, backed with world-class service and support.

Our commitment to quality and innovation is a shared journey, and we recognize that at the heart of our success is the pivotal role played by you, our customers. Your invaluable insights and feedback continue to be vital in tailoring our solutions to make your work more productive and effective. You can expect to see new products from us that aim to address the most common challenge we hear from you - lack of cleaning labor and increased efficiency in the workplace.

We are excited for the future as we face a new year with confidence and thankful for your continued trust in Goodway. Rest assured, we stand ready to support and grow alongside you, committed to providing the excellence you have come to expect.



TIM KANE,
PRESIDENT & CEO



TIM KANE,
PRESIDENT & CEO



Goodway is a proud recipient of the Presidents' Excellence in Exporting "E" Award and is an ISO certified manufacturer and workplace.

WE'RE SOCIAL, STOP BY & SAY HI



GOODWAY HAS YOUR BACK

PROVEN RESULTS | 100% GUARANTEED

TUBE CLEANERS

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TUBE
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CHEMICAL
SOLUTIONS

ROTARY TUBE CLEANERS



RAM PRO®

WET, SMOOTH BORE AND
ENHANCED TUBES



RAM PRO XL®

WET, SMOOTH BORE AND
ENHANCED TUBES



RAM-4

WET, SMOOTH BORE AND
ENHANCED TUBES



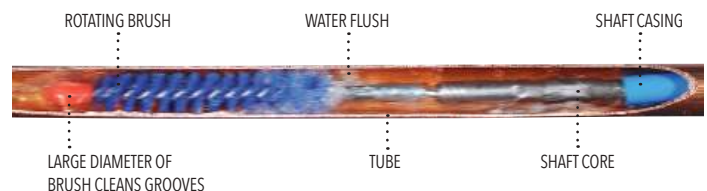
RAM-5DC

WET AND SMOOTH BORE TUBES
(WITH MANUAL OR MECHANICAL FEED)

	RAM PRO	RAM PRO XL	RAM-4	RAM-5DC
Tube Size Range	6,35 mm - 25,4 mm I.D.	6,35 mm - 25,4 mm I.D.	6,35 mm - 25,4 mm I.D.	6,35 mm - 25,4 mm I.D. (manual) 11,09 mm - 25,4 mm I.D. (speed-feed)
Motor Power	0,19 kW (115 V) 0,37 kW (230 V)	0,37 kW	0,37 kW	0,56 kW
Input Power	Standard: 5,5 Amps, 115 V, 60 Hz AC Optional: 5,5 Amps, 115 V, 50 Hz AC 4,5 Amps, 230 V, 60 Hz AC ; or 4,5 Amps, 230 V, 50 Hz AC	Standard: 10 Amps, 110 V, 50/60 Hz AC Optional: 10 Amps, 230 V, 50/60 Hz AC	Standard: 9 Amps, 115 V, 60 Hz AC Optional: 9 Amps, 115 V, 50 Hz AC; 4,5 Amps, 230 V, 60 Hz; or 4,5 Amps, 230 V, 50 Hz	Standard: 12 Amps, 115 V, 60 Hz AC Optional: 12 Amps, 115 V, 50 Hz AC; 6 Amps, 230 V, 60 Hz AC; or 6 Amps, 230 V, 50 Hz AC
Power Supply Cord	3,65 m, 18-3 GFCI	6,40 m, 14-3 GFCI	6,40 m, 14-3 GFCI	6,40 m, 14-3 GFCI
Air Requirement	—	—	—	—
Shaft Speed	862,5 RPM	Adjustable, 0-900 RPM	862,5 RPM	Adjustable, 200-862,5 RPM
Shaft Length	Standard up to 22,86 m	Standard up to 22,86 m	Standard up to 22,86 m	Standard up to 22,86 m
Special Features	Reversible shaft rotation Water flush Chain Drive Quick Connect shaft manifold Roll cage	Direct Drive Roll cage with integrated wheels and handle On-board chemical applicator	Reversible shaft rotation (standard) Water flush Quick Connect shaft manifold	Reversible shaft rotation Water flush Chain Drive Quick Connect shaft manifold Mechanical feed up to 1m per second Mechanical feed force at 22,7 Kg

FEATURES

- Heavy-duty construction
- Quick Connect threadless shaft manifold
- Interchangeable wet, dry and high temperature flexible shafts
- Interchangeable cleaning brushes and tools
- Simultaneous water flush or vacuum (depending on model)
- Foot switch or gun activation (depending on model)



SPECIFIC MODELS ONLY



SPECIFIC MODELS ONLY

ROTARY TUBE CLEANERS



I-RAM-EX-100

WET OR DRY SMOOTH BORE
TUBES/PIPES/HOSES



AWT-100

WET OR DRY SMOOTH BORE
TUBES/PIPES/HOSES



AWT-100X

WET OR DRY SMOOTH BORE
TUBES/PIPES/HOSES

I-RAM-EX-100	AWT-100	AWT-100X
6,4 mm - 25,4 mm	6,35 mm I.D. and up	6,35 mm I.D. and up
0,37 kW	1,1 kW	Up to 2,9 kW
Standard: 230 V 50/60 Hz AC at 4.5 A Optional: 115 V 50/60 Hz at 9.0 A	—	—
6,1 m 14/3 GFCI	—	—
—	Minimum: 4,1 BAR at 15 CFM, Maximum: 6,9 BAR at 70 CFM	Minimum: 4,1 BAR at 85 CFM, Maximum: 6,9 BAR at 130 CFM
860 RPM	Adjustable, 500-3,000 RPM	Adjustable, 500-3,000 RPM
3,6 m, 5,2 m, 7,6 m, 10,7 m, and 13,7 m (Available Lengths)	Standard up to 22,9 m	Standard up to 22,9 m
Hand carried Water flush Reversible shaft rotation Quick Connect Shaft manifold On-board storage	Air powered Variable speed Water flush Quick Connect Shaft manifold Optional dry Vacuum attachment	Air powered Variable speed Water flush Quick Connect Shaft manifold Optional dry Vacuum attachment



RESULTS DRIVEN & SUITED FOR LARGE TUBE BUNDLES

FOR TUBES UP TO 25,4 MM



**Vs manual feed rotary tube cleaner*

RAM-5DC Revolutionary Speed

The fastest rotary tube cleaner just got faster! Experience the game changing speed and control of our newest innovation, the Reverse Stop Assembly Speed-Feed gun exclusively for the RAM-5DC. The Reverse Stop Assembly combined with our Speed-Feed technology delivers all the speed and precision now with the ability to automatically detect when the brush is retracted from the tube and stop it in the optimal position. You can now go from tube to tube even faster than before.

With the Reverse Stop Assembly Speed-Feed Gun, you just pull the trigger and let the gun do all the work. As the cleaning tool loosens debris, the shaft casing provides a steady stream of water, flushing out debris and restoring system efficiency. With the Reverse Stop Assembly Speed-Feed Gun and variable speed function, you control the direction of shaft rotation, water flow, brush rpm and feed rate.

RAM-5DC	
Motor Power	0,5 kW
Input Power	Standard: 12 amps, 115V, 60 Hz AC Optional: 12 amps, 115V, 50 Hz; 6 amps, 230V, 60 Hz; or 6 amps, 230V, 50 Hz
Power Supply Cord	6,4 m, 14-3 GFCI
Flexible Shaft Speed	Adjustable, 200-862.5 rpm
Speed-Feed Gun Race	Adjustable, 0,2-0,9 m per second
Speed-Feed Gun Force	22,6 Kg, push/pull
Water Requirements	Minimum 32 BAR at 7,5 LPM
Dimensions (Excluding gun and guide hose)	939,8 mm (H) x 2508 mm (W) x 431,8 mm (D)
Weight	34 Kg, net dry



RAM-5 Guide Reverse Stop Assembly:

Make tube cleaning even faster! Get auto forward AND reverse stopping with the this new assembly. Please note that this reverse stop guide is only compatible with the RAM-5.



CE

UP TO 4X
FASTER THAN
OTHER TUBE
CLEANERS*

FEATURES

- Adjustable shaft auto feed
- Stainless steel construction
- Automatic forward and reverse stopping capabilities
- Speed control to set auto feed and shaft rotation at optimum speed for each application
- Ergonomic Design
- Quick connect threadless shaft manifold
- Interchangeable cleaning tools
- Integrated dolly
- Simultaneous water flush
- Trigger controlled or foot switch activation
- Reversible shaft rotation

RAM-5DC-ID-60: Speed-Feed Tube cleaner, including reverse stop assembly speed-feed gun, 15' guide hose, one set of shaft feeder gears (specify size), mobile dolly, tool storage box and two-direction foot switch.

TOP OF THE LINE TUBE CLEANER

FOR TUBES UP TO 25,4 MM



RAM-4

The Original Rotary Tube Cleaner Got Better

With a Goodway tube cleaner in your arsenal, you're backed by many years of proven tube-cleaning performance. The latest generation RAM-4 includes an updated design, better portability, and easy-to-use interchangeable cleaning tools designed for a variety of situations. It's never been this simple to restore tubes to optimal performance.

The cleaning tool safely and effectively scours debris away without damaging tube walls. A casing around the shaft feeds water to the rotating tool, flushing out deposits as they are loosened. The RAM-4 is one of the most effective weapons you can use to optimize your system's power requirements.



CE certification only applies to RAM-4-A-50Hz model.

FEATURES

- Stainless steel construction
- Quick connect threadless shaft manifold, with advanced water seal technology
- Interchangeable cleaning tools
- Integrated dolly
- Simultaneous water flush
- Foot switch activation
- Reversible shaft rotation
- Increased portability
- Updated, ergonomic design

RAM-4-ID-60-R: Tube cleaner, including mobile dolly, tool storage box and two-direction foot switch (115V, 50/60 Hz)



EXCLUSIVE THREADLESS QUICK CONNECT SHAFT COUPLING

RAM-4	
Motor Power	0.4 kW
Input Power	Standard: 9 amps, 115V, 60 Hz AC Optional: 9 amps, 115V, 50 Hz; 4.5 amps, 230V, 60 Hz; or 4.5 amps, 230V, 50 Hz
Power Supply Cord	6,4 m, 14-3 GFCI
Flexible Shaft Speed	862.5 rpm
Water Requirements	Minimum 2,7 BAR, 7,5 LPM
Dimensions	940 mm (H) x 508 mm (W) x 432 mm (D)
Weight	22 Kg, Net Dry

A CONTRACTOR'S BEST FRIEND

FOR TUBES UP TO 25,4 MM



QUICK CONNECT SHAFT

RAM PRO®

Rugged and Dependable

The powerful RAM PRO handles the demanding environment of commercial contracting work like no other tube cleaner.

DESIGNED FOR CONTRACTORS: Sturdy roll cage protects the RAM PRO at the job site and in the back of a crowded work truck.

SAVES TIME: Quick Connect shaft attaches with a simple push – and quickly disassembles for transport.

PEAK ON-SITE PERFORMANCE: No more slipped belts or equipment down time. Chain drive system replaces traditional rubber belt for smooth performance in challenging situations.

HANDLES ROUGH ENVIRONMENTS: Motor assembly is connected with vibration isolators to help tolerate bumps and jolts.

COMPACT AND LIGHTWEIGHT: Easy to carry and less than half the weight of other tube cleaners.

FEATURES

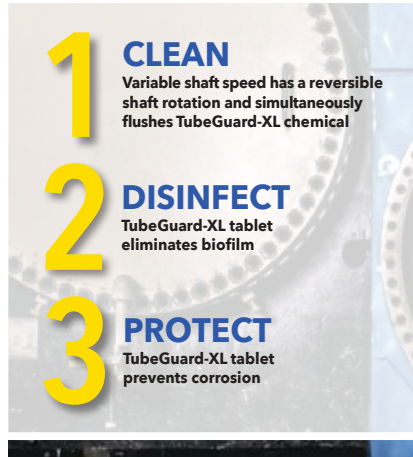
- Heavy-duty roll cage construction
- Ultra compact design
- Quick Connect threadless shaft manifold
- Interchangeable flexible shafts
- Interchangeable cleaning brushes and tools
- "Sweet Spot" 862, 5 RPM
- Simultaneous water flush
- Forward and reverse foot switch activation

RAM PRO

Tube Size Range	6,4 to 25,4 mm I.D.
Motor Power	0,19 kW (115 V Model) 0,37 kW (230 V Model)
Input Power	5,5 Amps, 115 V, 60 Hz AC Optional 5,5 Amps, 115 V, 50 Hz AC; 4,5 Amps, 230 V, 60 Hz AC; or 4,5 Amps, 230 V, 50 Hz AC
Power Supply Cord	3 m, 18-3 GFCI
Shaft Speed	862,5 RPM
Shaft Feed Method	Manual
Shaft Length	Maximum 22,9 m
Water Requirements	Minimum 2,1 BAR at 7,6 LPM
Special Features	Roll Cage Quick Connect Threadless Shaft Manifold Reversible Shaft Rotation Water Flush
Dimensions	405 mm (H) x 230 mm (W) x 510 mm (D)
Weight	15 Kg, Net Dry

WHY EVERY HVAC TECHNICIAN NEEDS TUBEGUARD-XL-4

FOR TUBES UP TO 25,4 MM



RAM PRO XL® It's A Game Changer!

The RAM-PRO-XL is an innovative new tube cleaner that utilizes TubeGuard technology with a custom formulated tablet designed specifically for chiller tubes. The XL version is the more powerful big brother to the popular RAM-PRO.

The TubeGuard-XL tablet dispenser along with variable shaft speed control and reversible shaft rotation makes it the most advanced portable tube cleaner available today.

RAM PRO-XL: Tube cleaner w/ quick connect manifold, integrated roll cage dolly, two direction foot switch (115 V, 50/60 Hz).

RAM PRO-XL-A: 230 V, 50/60 Hz.

TubeGuard® XL Corrosion Inhibitor

A custom formulated tablet design is the best available technology for corrosion inhibition of copper and ferrous metal tubes. The TubeGuard-XL tablet is safe to handle, completely biodegradable and designed with environmentally friendly chemicals.

Specifically designed to work with the all new RAM-PRO-XL, this revolutionary tube cleaning process will forever change the ease and effectiveness of both eliminating bio-film and preventing corrosion. No measuring or dosing of chemicals is required. The TubeGuard-XL tablet simply dissolves in the RAM-PRO-XL's on-board reservoir during tube cleaning; flushing the tubes in EPA certified bio-film removal compounds.

TUBEGUARD-XL-4: Package of four tube cleaning tablets (for three average sized chiller cleanings). For use with the RAM-PRO-XL.

RAM PRO XL	
Motor Power	Standard: 0,37 kW
Input Power	Standard: 5.5 Amps, 115 V, 50/60 Hz AC Optional: 3 Amps, 230 V, 50/60 Hz AC
Power Supply Cord	6,4 m, 14-3 GFCI
Flexible Shaft Speed	Variable 0-900 RPM
Water Requirements	2 BAR at 7,57 LPM
Dimensions	508 mm (H) x 406 mm (W) x 660 mm (D)
Weight	24,94 Kg, Net Dry

FEATURES

- On-board TubeGuard dispensing system
- Heavy-duty roll cage construction with integrated dolly
- 0,372 kW motor
- Direct Drive
- Quick Connect threadless shaft manifold
- Interchangeable cleaning tools
- Variable shaft speed
- Reversible shaft rotation
- Simultaneous water flush
- Power cord and foot pedal storage



U.S. PATENT NO. D722,737



TOOLS FOR BASIC MAINTENANCE AND REPAIR

FOR TUBES UP TO 25,4 MM



PSM-500

Easy Handling

Small, straight tubes can often be the source of some not so straight forward problems. Tubes measuring 25 mm I.D. and smaller can easily trap debris or become clogged from just a minor buildup of deposits. Fortunately, the PSM-500 Tube Cleaning Drill was designed to clear virtually any straight, small ID tube you're likely to encounter. An in-line water flush makes easy work of removing a wide range of debris, from solid clogs to soft deposits. After just one cleaning with the PSM-500, you'll be amazed at how easy it is to maintain an optimal tube condition in all your straight, small tubes.

PSM-500: Tube Cleaning Drill including air drive unit, 4,5 m air hose, 4,5 m water hose, 4,5 mm or 6,35 mm starter drill.



FEATURES

- Compact, rugged construction
- Independent air motor and water flow controls to reduce water consumption
- Push button trigger to reduce fatigue



GTC-705-4



RECOMMENDED:

For better air regulation and quality, plus longer motor life, we recommend the combination air lubricator, filter and regulator unit (GTC-705-4).

GTC-705-4: Combination Air Lubricator, Filter and Regulator

OPTIONAL:









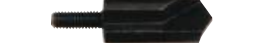

3012-500: Carrying Case, with room for up to eight 1,2 m long hollow drills

PSM-500

Drill Speed	950 RPM (Free Speed)
Motor Power	Up to 0,5 kW Depending on Air Pressure and Volume
Air Requirements	Minimum: 3,4 BAR at 18 m3/h Maximum: 6,2 BAR at 32 m3/h
Water Requirements	Minimum: 2,1 BAR at 7,6 LPM, Maximum: 6,9 BAR at 7,6 LP
Hoses	4,6 m Air Hose and 4,6 m Water Hose
Dimensions	290 mm Long
Weight	2,5 Kg
Optional Carrying Case	360 mm (H) x 1360 mm (W) x 120 mm (D)

BRUSHES AND CLEANING TOOLS FOR PSM-500

FOR TUBES UP TO 25,4 MM

ACCESSORY	APPLICATION	PART NO.	SIZES
Blue Nylon Brushes 	Removing soft deposits in straight, ferrous and nonferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.	GTC-211	6,4 to 25,4 mm (in 1,6 mm increments)
Brass Brushes 	Removing soft and light scale deposits in straight, ferrous and nonferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.	GTC-200B	6,4 to 25,4 mm (in 1,6 mm increments)
Stainless Steel Brushes 	Removing soft and light scale deposits in straight, ferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.	GTC-210	6,4 to 25,4 mm (in 1,6 mm increments)
Adjustable Buffing Tool 	Removing light to medium scale deposits or for finishing tubes previously "roughed out" with other cleaning tools. They can be used in straight, ferrous and nonferrous tubes. Buffing tools can only be used in a clockwise (forward) direction and cannot be used in internally enhanced tubes. They are adjustable to a 6,4 mm range.	GTC-203P GTC-203PDT GTC-205 GTC-205DT GTC-206 GTC-206DT GTC207/208A/208B	Buffing Tool for tubes 7,9 to 12,7 mm I.D. Same as GTC-203PDT with drill tip Buffing Tool for tubes 12,7 to 14,3 mm I.D. Same as GTC-205DT with drill tip Buffing Tool for tubes 15,9 to 25,4 mm I.D. Same as GTC-206DT with drill tip Replacement Blades for GTC-203P, GTC-205 and GTC-206 (specify Buffing Tool)
Adjustable Triangular Scraping Tool 	Removing heavy scale deposits in straight, ferrous tubes. They can only be used in a clockwise (forward) direction and cannot be used in internally enhanced tubes. They are adjustable to a 6,4 mm range.	TST-500 TST-750	Triangular Scraper Tool for tubes 12,7 to 19,1 mm I.D. Triangular Scraper Tool for tubes 19,1 to 25,4 mm I.D.
Starter Drills 	Making pilot holes in deposits of completely clogged tubes.	GTC-975A GTC-975B	Starter Drill, 4,8 or 6,4 mm Starter Drill, 9,5 mm and up
Hollow Drills 	Cleaning severely or completely clogged tubes. (Effective length 840 mm for 0,9 m drills and 1.140 mm for 1,2 m drills.)	GTC-960-3 GTC-961-3	Hollow Drill, 4,8 mm x 0,9 m Hollow Drill, 6,4 mm x 0,9 m NOTE: HOLLOW DRILLS ARE AVAILABLE IN DIAMETERS FROM 3,2 TO 19,1 MM UP TO 1,8 M LONG.
Hollow Shafts 	Adapt brushes, buffing tools, hollow carbide drills and twist drills to PSM-500.	GTC-964-3 GTC-965-3 GTC-965-KIT GTC-989-KIT GTC-998	Hollow Shaft, 0,9 m long with coupling for 6,4 mm brushes Note: GTC-964 Hollow Shaft is available up to 1,8 m long. To order, change suffix on GTC-964 to length specifications beyond 0,9 m standard (e.g. GTC-964-6 is a 1,8 m Hollow Shaft.) Hollow Shaft, 0,9 m long with coupling for 7,9 mm brushes, coupling for 9,5 mm brushes, and coupling for 11,1 to 25,4 mm brushes and all buffing tools for 7,9 to 25,4 mm I.D. tubes Hollow Shaft Kit for tubes 7,9 to 12,7 mm I.D. including three 990 mm long hollow extension shafts with couplings to form a 3 m shaft, a 305 mm short hollow extension shaft, coupling to connect shaft to PSM-500 and couplings to connect brushes, buffing tools, hollow carbide drills and twist drills to shaft Hollow Shaft Kit for tubes 14,3 to 25,4 mm I.D. including three GTC-998 Hollow Extension Shafts with couplings to form a 3 m long shaft, a 0,3 m shaft, coupling to connect shaft to PSM-500, coupling to connect brushes, buffing tools, hollow carbide drills and twist drills to shaft, and assembly tools Hollow Extension Shaft, 990 mm long for GTC-989-KIT
Hollow Drill Tips 	Hollow Drill Tips attach to Hollow Shafts and are used to clean severely or completely clogged tubes.	GTC-RWB-031 GTC-RWB-037 GTC-RWB-042 GTC-RWB-050 GTC-RWB-056 GTC-RWB-062 GTC-RWB-075 GTC-RWB-100	Hollow Drill Tip, 7,9 mm Hollow Drill Tip, 9,5 mm Hollow Drill Tip, 11,1 mm Hollow Drill Tip, 12,7 mm Hollow Drill Tip, 14,3 mm Hollow Drill Tip, 15,9 mm Hollow Drill Tip, 19,1 mm Hollow Drill Tip, 25,4 mm
Twist Drills 	Twist Drills attach to Hollow Shafts and are used to clean severely or completely clogged tubes.	GTC-TD-031 GTC-TD-037 GTC-TD-042 GTC-TD-050 GTC-TD-056 GTC-TD-062 GTC-TD-075 GTC-TD-100	Twist Drill, 7,9 mm Twist Drill, 9,5 mm Twist Drill, 11,1 mm Twist Drill, 12,7 mm Twist Drill, 14,3 mm Twist Drill, 15,9 mm Twist Drill, 19,1 mm Twist Drill, 25,4 mm



SMALL SIZE. BIG RESULTS.

FOR TUBES UP TO 25,4 MM



I-RAM-EX-100 Portable and Compact

The new I-RAM-EX-100 is the latest in the line of award-winning tube cleaners. Designed for the ultimate experience in portability, this compact tube cleaner includes all the innovative features you expect and the benefits you demand from a Goodway product. Integrated flush, 860 RPM reversible shaft rotation, quick connect shaft and brushes and all at half the size of our traditional tube cleaners. That's big news.

I-RAM-EX-100: Tube cleaner, two-direction foot switch (115V, 50/60 Hz).

FEATURES

- Foot pedal compartment for easy storage
- Built-in Electric cord holder
- Metric sized brushes & shafts
- Quick Connect shaft to manifold and shaft to brush
- 0.37Kw Motor
- Available in 115v 50/60Hz AC or 230v 50/60Hz AC
- Portable, compact design
- Rugged/Durable molded outer shell

I-RAM-EX-100	
Tube Range	7 mm - 25 mm
Motor Power	0,37 kW
Input Power	230 V 50/60 Hz 4,5 Amps 115 V, 50/60 Hz, 9,0 Amps
Power Supply Cord	6 m 14/3 GFCI
Air Requirement	None
Shaft Speed	860 rpm
Weight	17,2 Kg
Shaft Length	3,6 m, 5,2 m, 7,6 m, 10,7 m, & 13,7 m (Available Lengths)
Dimensions	229 mm (H) x 559 mm (W) x 419 mm (D)

I-RAM-EX-100 SHAFTS AND BRUSHES

PART #	DESCRIPTION
GTC-701EX-3.6M	Flexible Shaft for tubes 6.4-9.5mm I.D., 3,6 meter length
GTC-701EX-7.6M	Flexible Shaft for tubes 6.4-9.5mm I.D., 7,6 meter length
GTC-702EX-3.6M	Flexible Shaft for tubes 11.1-12.7mm I.D., 3,6 meter length
GTC-702EX-5.2M	Flexible Shaft for tubes 11.1-12.7mm I.D., 5,2 meter length
GTC-702EX-7.6M	Flexible Shaft for tubes 11.1-12.7mm I.D., 7,6 meter length
GTC-702EX-10.7M	Flexible Shaft for tubes 11.1-12.7mm I.D., 10,7 meter length
GTC-702EX-13.7M	Flexible Shaft for tubes 11.1-12.7mm I.D., 13,7 meter length
GTC-703EX-3.6M	Flexible Shaft for tubes 14.3-25.4mm I.D., 3,6 meter length
GTC-703EX-5.2M	Flexible Shaft for tubes 14.3-25.4mm I.D., 5,2 meter length
GTC-703EX-7.6M	Flexible Shaft for tubes 14.3-25.4mm I.D., 7,6 meter length
GTC-703EX-10.7M	Flexible Shaft for tubes 14.3-25.4mm I.D., 10,7 meter length
GTC-703EX-13.7M	Flexible Shaft for tubes 14.3-25.4mm I.D., 13,7 meter length
GTC-704EX-3.6M	Flexible Shaft for tubes 25.4-27.0mm I.D., 3,6 meter length
GTC-704EX-5.2M	Flexible Shaft for tubes 25.4-27.0mm I.D., 5,2 meter length
GTC-704EX-7.6M	Flexible Shaft for tubes 25.4-27.0mm I.D., 7,6 meter length
GTC-704EX-10.7M	Flexible Shaft for tubes 25.4-27.0mm I.D., 10,7 meter length
GTC-704EX-13.7M	Flexible Shaft for tubes 25.4-27.0mm I.D., 13,7 meter length
GTC-240Q-13	Plastic Brush with Quick Connect, 13mm Diameter
GTC-240Q-16	Plastic Brush with Quick Connect, 16mm Diameter
GTC-240Q-17.5	Plastic Brush with Quick Connect, 17,5mm Diameter
GTC-240Q-19	Plastic Brush with Quick Connect, 19mm Diameter
GTC-240Q-22	Plastic Brush with Quick Connect, 22mm Diameter
GTC-240Q-25	Plastic Brush with Quick Connect, 25mm Diameter

BIG RESULTS COME IN SMALL PACKAGES

FOR TUBES 25,4 MM AND UP



AWT-100

Compact and Powerful

For situations where electricity is not available or desirable, the air-powered AWT-100 is up to the task. Both portable and lightweight, the AWT-100 is perfect for tight spaces and remote locations. With the appropriate cleaning tool attached, the flexible shaft will loosen unwanted deposits while the shaft casing provides water to flush out the loosened debris for better system efficiency. The unit also does double duty as a dry tube cleaner when accompanied by a Dry Pickup Attachment and Vacuum.

AWT-100: Air-powered Tube Cleaner, including adjustable speed/torque control, Quick Connect air and water fittings, and single-direction foot switch.

FEATURES

- Air-powered
- Compact
- Speed/torque control to set shaft rotation to optimum speed for each application
- Quick Connect threadless shaft manifold
- Interchangeable cleaning tools
- Simultaneous water flush
- Foot switch activation

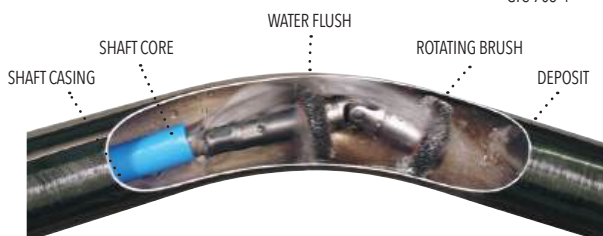
RECOMMENDED:

For better air regulation and quality, plus longer motor life, we recommend the combination air lubricator, filter and regulator unit.

GTC-705-4: Combination Air Lubricator, Filter and Regulator.



GTC-705-4



AWT-100	
Motor Power	Up to 1,1 kW depending upon air pressure and volume
Air Requirements	Minimum: 44,1 BAR @ 25,5 m ³ /h, Maximum: 6,9 BAR @ 119 m ³ /h
Flexible Shaft Speed	Adjustable, 500-3,000 rpm
Water Requirements	Minimum: 2 BAR at 7,6 LPM
Dimensions	263,5 mm (H) x 152 mm (W) x 482,6 mm (D)
Weight	13 Kg, Net Dry

ELIMINATE DEPOSITS WITH AIR-POWERED PERFORMANCE

FOR TUBES 25,4 MM AND UP



AWT-100X

Air-powered Performance

The AWT-100X has power and versatility to clean virtually any tube or pipe in either wet or dry modes. You control the speed and torque of the unit's flexible shaft to suit your application.

A variety of cleaning tools are available for the different kinds of deposits you face. For superior air-powered technology that handles all your tough cleaning applications, this unit will blow you away.

AWT-100X

Motor Power	Up to 2,9 kW depending upon air pressure and volume
Air Requirements	Minimum 4,1 BAR at 144,4 m ³ /h, Maximum 6,8 BAR at 220,8 m ³ /h
Flexible Shaft Speed	Adjustable, 500-3,000 rpm
Water Requirements	Minimum 2 BAR at 11,3 LPM
Dimensions	939,8 mm (H) x 508 mm (W) x 431,8 mm (D)
Weight	24,4 kg net dry



FEATURES

- Air-powered
- Stainless steel construction
- Air lubricator
- Speed/torque control to set shaft rotation to optimum speed for each application
- Quick connect threadless shaft manifold
- Interchangeable cleaning tools
- Integrated dolly
- Simultaneous water flush
- Foot switch activation

AWT-100X-ID: Heavy-Duty Air-powered Tube Cleaner, including air lubricator, adjustable speed/torque control, mobile dolly, tool storage box and single-direction foot switch

RECOMMENDED:

ASH-B50-G: Air Supply Hose, 12,7 mm x 15,2 m

CONTRACTOR DOLLY:

The AWT-100X is available with an integrated contractor dolly for total mobility at multiple job locations.

RAM-DOLLY-C: Heavy-Duty Contractor Dolly (upgrade)*

SPECIALTY TOOLS



Or visit www.goodway.com to see more!

ROTARY FIRETUBE BOILER CLEANERS

FOR TUBES 25,4 MM AND UP



FEATURES

- Stainless steel construction
- Quick Connect threadless shaft manifold
- Interchangeable cleaning tools
- Integrated dolly
- Simultaneous vacuum
- Foot switch activation

FLEXIBLE SHAFTS (HEAT RESISTANT 149°C RIGID COVERED STEEL CASING) FOR TUBES 25,4 MM I.D. AND UP

GTC-721G-15: Flexible Shaft, 4,6 m.

GTC-721G-25: Flexible Shaft, 7,6 m.

GTC-721G-35: Flexible Shaft, 10,7 m.

GTC-721G-50: Flexible Shaft, 15,2 m.

SPRING FILLED BRUSHES:

Spring Filled Brushes are recommended for removing heavy scale deposits. The spring bristles dig into the scale, breaking it free from the tube wall.

SFB-200: Spring Filled Brushes for tubes 35, 41, 51, 64 or 76 mm O.D.

SFB-300: Spring Filled Brushes for tubes 51 or 76 mm I.D.



DRY PICKUP ATTACHMENT:

GTC-DPA: Dry Pickup Attachment, including 51 mm x 3,7 m hose with quick connect fitting (order nozzle below).



BAYONET NOZZLES:

BFN-152S: Straight Bayonet Nozzle, 460 mm long for tubes 35, 41, 51, 64, 76 or 89 mm O.D.

BFN-152SA: Straight Bayonet Nozzle, 460 mm long for tubes 102 mm O.D.

	RAM-4X-ID	RAM-4X2A
Application	Smooth Bore Tubes/Pipes/Hoses	Smooth Bore Tubes/Pipes/Hoses
Tube Size Range	25,4 mm I.D. and Up	25,4 mm I.D. and Up
Motor Power	0,7 kW	1,5 kW
Input Power	13 Amps, 115 V, 60 Hz AC Optional 13 Amps, 115 V, 50 Hz; 6,5 Amps, 230 V, 60 Hz; or 6,5 Amps, 230 V, 50 Hz	11,5 Amps, 230 V, 60 Hz AC Optional 11,5 Amps, 230 V, 50 Hz
Power Supply Cord	6,5 m, 14-3 GFCI	6,5 m, 14-3 GFCI
Shaft Speed	1.725 RPM (Optional: 862,5)	1.725 RPM (Optional: 862,5)
Shaft Feed Method	Manual	Manual
Shaft Length	Maximum 22,9 m	Maximum 22,9 m
Water Requirements	Minimum 2,1 BAR at 11,4 LPM	Minimum 2,1 BAR at 11,4 LPM
Special Features	Optional Vacuum Attachment	Optional Vacuum Attachment
Dimensions	940 mm (H) x 510 mm (W) x 430 mm (D)	940 mm (H) x 510 mm (W) x 430 mm (D)
Weight	27 Kg	35 Kg

GLOBAL CHOICE FOR BOILER TUBE CLEANING

FOR TUBES 25,4 MM AND UP



CE

SPECIFIC MODELS ONLY



SAM-3 Easy Operation

You might as well be burning money if you're allowing soot to collect in your boiler firetubes. At five times the insulating value of asbestos, just a small amount of soot can cause dramatic heat loss and substantially increase fuel consumption. Now in its 3rd generation, the SAM-3 Firetube Boiler Cleaner removes soot and scale in almost no time, enabling your system to run at optimal efficiency. A cleaning tool mounted to a 7,9 m spring steel tape does the dirty work of loosening soot buildup while an in-line vacuum attachment handles clean-up duties. All you have to do is flip the switch. It's that easy. And yes, it's that efficient.

BOILER CLEANING SYSTEMS (WITH VACUUMS):

SAM-3-20-KIT

Boiler Firetube Punching Machine, including a 50,8 mm x 3,66 m hose, 457,2 mm straight bayonet nozzle (specify diameter), brush and GTC-540-20SS SootVac® Vacuum.

SAM-3-15-KIT

Boiler Firetube Punching Machine, including a 50,8 mm x 3,66 m hose, 457,2 mm straight bayonet nozzle (specify diameter), brush and GTC-540-15SS SootVac Vacuum.

SAM-3-30-KIT

Boiler Firetube Punching Machine, including a 50,8 mm x 3,66 m hose, 457,2 mm straight bayonet nozzle (specify diameter), brush and GTC-540-30DD SootVac Vacuum.

SAM-3-55-KIT

Boiler Firetube Punching Machine, including a 50,8 mm x 3,66 m hose, 457,2 mm straight bayonet nozzle (specify diameter), brush and GTC-540-55DD SootVac Vacuum.

NOTE: REFER TO TUBE SIZES CHART ON PAGE 24 AND MATCH TO NOZZLE AND BRUSH SIZES.



FEATURES

- Spring steel tape
- Auto feed trigger switch
- Brush travel indicator
- Interchangeable cleaning tools
- Simultaneous vacuum to remove deposits
- Carrying handle and stand

SAM-3	
Motor Power	0,4 kW
Input Power	Standard: 7 Amps, 115 V, 50/60 Hz AC Optional: 3,5 Amps, 230 V, 50/60 Hz
Tape Length	7,9 m
Power Supply Cord	7,2 m, 18-3
Vacuum Hose	51 mm diameter x 3,7 m long
Dimensions	546 mm long (without nozzle)
Weight	17,2 Kg
Optional Carrying Case	610 mm (H) x 711 mm (W) x 229 mm (D)

DEPOSITS AND BOILER PERFORMANCE		
SOOT IN BOILER TUBES	HEAT LOSS	INCREASED FUEL CONSUMPTION
0,8 mm	12%	2.5%
1,5 mm	24%	4.5%
3,3 mm	47%	8.5%

FIRETUBE BOILER CLEANER

FOR TUBES 25,4 MM AND UP

STEEL BRUSHES:

Steel brushes are recommended for removing soot and light scale deposits.

GTC-151: Steel Brushes for tubes 35,1 mm, 41,4 mm, 50,8 mm, 63,5 mm, 76,2 mm, 88,9 mm or 101,6 mm O.D.

FTS SCRAPER TOOLS:

FTS Scraper Tools are medium action, spring loaded tools. They are used for removing light scale deposits in boiler firetubes when steel brushes do not remove all deposits. Ferrule extension required.

FTS-200: Scraper Tool for tubes 50.8 mm O.D.

FTS-250: Scraper Tool for tubes 63.5 mm O.D.

FTS-300: Scraper Tool for tubes 76.2 mm O.D.



FERRULE EXTENSIONS:

Scraper tools require ferrule extensions. Select the ferrule extension to match the bayonet nozzle in use.

FE-375: Ferrule Extension for scraper tools when using BFN-152 Short Bayonet Nozzles.

FE-2100: Ferrule Extension for scraper tools when using BFN-152S or BFN-152SA Straight Bayonet Nozzles.

Note: Scraper tools cannot be used with BFN-152X or BFN-152XA Offset Bayonet Nozzles.

STANDARD BAYONET NOZZLES:

BFN-152: Short Bayonet Nozzle, 88.9 mm long for tubes 35,1 mm, 41,4 mm, 50,8 mm, 63,5 mm, 76,2 mm or 88,9 mm O.D.

BFN-152S: Straight Bayonet Nozzle, 457,2 mm long for tubes 35,1 mm, 41,4 mm, 50,8 mm, 63,5 mm, 76,2 mm or 88,9 mm O.D.

BFN-152SA: Straight Bayonet Nozzle, 457,2 mm long with ferrule extension for tubes 101,6 mm O.D.

BFN-152X: Offset Bayonet Nozzle, 457,2 mm long for tubes 35,1 mm, 41,4 mm, 50,8 mm, 63,5 mm, 76,2 mm or 88,9 mm O.D.

BFN-152XA: Offset Bayonet Nozzle, 457,2 mm long with ferrule extension for tubes 101,6 mm O.D.

NOTE: CONTACT FACTORY IF LONGER STRAIGHT OR OFFSET BAYONET NOZZLES ARE NEEDED FOR YOUR APPLICATION.

NOTE: WHEN ORDERING BAYONET NOZZLES OR BRUSHES, SPECIFY PART NUMBER AND SIZE ACCORDING TO THE TABLE (ORDER BY TUBE O.D.). BAYONET NOZZLE AND BRUSH DIAMETERS WILL FIT TUBE I.D.



CARRYING CASE:

SC-682: Carrying Case for SAM-3 Boiler Firetube: Punching Machine and accessories.



SCALEBREAK LIQUID DESCALER

SCALEBREAK LIQUID DESCALER

After cleaning the fireside of tubes, check the waterside. Chances are they are covered in scale deposits. ScaleBreak quickly dissolves accumulated scale deposits, dramatically improving system efficiency.



TUBE SIZES	
STANDARD BOILER O.D. SIZE	APPROXIMATE BOILER I.D. SIZE
35,1 mm	32 mm
41,4 mm	38 mm
50,8 mm	44 to 48 mm
63,5 mm	57 to 60 mm
76,2 mm	70 to 73 mm
88,9 mm	83 mm
101,6 mm	95 mm

SOOTVAC® SOOT RECOVERY VACUUM

FOR TUBES 25,4 MM AND UP



FEATURES

- Two heavy-duty motors
- Exhaust muffler (only 82 dBA)
- Reusable filters
- Four tank sizes
- 38 mm or 50,08 mm hoses



SPECIFIC MODELS ONLY



SPECIFIC MODELS ONLY



SPECIFICATIONS	GTC-540-20
Motor Power	1,7 kW
Input Power	14 Amps, 115 V, 50/60 Hz AC Optional: 7 Amps, 230 V, 50/60 Hz AC
Power Supply Cord	11,3 m, 14-3
Static Water Lift	1,3 m
Air Displacement	459 m3/h
Filtration	15 Microns Polypropylene/Dacron
Tank	76 liters Stainless Steel
Dry Capacity	76 liters
Noise Level	78 dBA
Special Features	Polyethylene Tank Liner Disposable Collection Bag
Dimensions	430 mm (D) Tank x 1,2 m (H)
Weight	32 Kg

ATTACHMENTS:

VAC-049QD: Steel Crevice Tool with quick connect.

GTC-167: Cleanup Tool with quick connect.

GTC-167R: Replacement Bristle for GTC-167 Cleanup Tool.

GTC-168: Flat Surface Paw Scraper Tool with quick connect.

GTC-170: Replacement Hose, 50 mm x 3,7 m for Soot-A-Matic.

GTC-170SQD: Hose, 50 mm x 3,7 m with sleeve, quick connect and washer.



REPLACEMENT FILTERS, DRUM LINER AND BAGS:

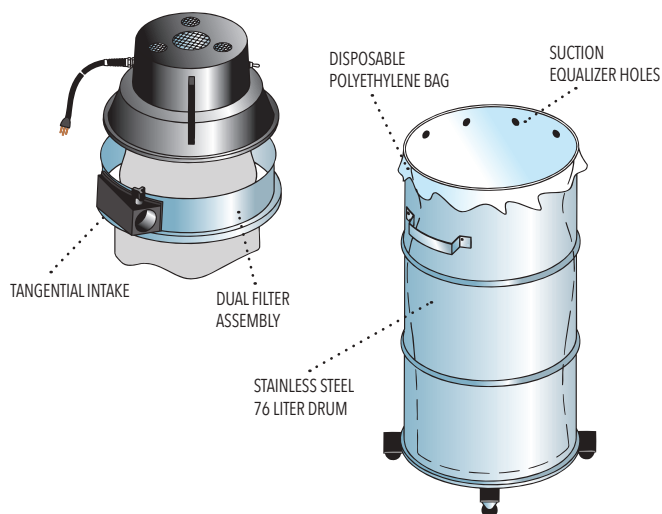
GTC-175: Polypropylene Filter.

GTC-176: Dacron Filter.

PDL-30: High Density Polyethylene Liner for 76 or 114 liter drum.

POLY-20-25: Disposable Polyethylene Bag (package of 25) for 76 liter drum.

POLY-30-25: Disposable Polyethylene Bag (package of 25) for 114 liter drum.



TOP TOOLS FOR TUBE LEAKS



BRASS TUBE PLUGS

Got a leaky tube? Plug it with the original solution that always works, a one piece tapered brass tube plug. When installed properly tapered brass tube plugs can stay in place for years. Precision engineered, Goodway Brass Tube Plugs are ideal for a wide range of tube applications, and should be driven into the tube with a hammer just far enough to form a seal. They are manufactured in sizes to cover chiller and heat exchanger tubes 15,9 mm, 19,1 mm, 22,2 mm or 25,4 mm O.D. with BWG ranges 15 to 22.

TP-062S: Brass Tube Plug for tubes 15,9 mm O.D. with BWG ranges 15 to 22.

TP-075S: Brass Tube Plug for tubes 19,1 mm O.D. with BWG ranges 15 to 22.

TP-087S: Brass Tube Plug for tubes 22,2 mm O.D. with BWG ranges 15 to 22.

TP-100S: Brass Tube Plug for tubes 25,4 mm O.D. with BWG ranges 15 to 22.

TUBEGUARD® TUBE FILTERS

Asian clams, Zebra mussels, pipe scale, sticks, rocks, leaves, water line slag and other debris can restrict water flow and reduce heat exchanger efficiency. Goodway TubeGuard tube filters help maintain heat exchanger efficiency by preventing much of these materials from entering the tubes. These durable polypropylene filters feature several large openings, designed to help prevent macro fouling by capturing only the debris that would clog the tubes, allowing the smaller debris to harmlessly pass through the tubes. They have a short profile which provides for less buildup of debris on the tube sheet and easier cleaning.



TUBEGUARD® FEATURES

- Polypropylene construction
- Large openings to keep out larger, tube-clogging debris and to allow the passage of water
- Short profile for less debris buildup on the tube sheet providing for easier cleaning

TUBE GUARDS			
PART NO.	TUBE O.D.		TUBE I.D.
TG-087-18	22,2 mm	18	19,7 mm
TG-087-20	22,2 mm	20	20,4 mm
TG-100-18	25,4 mm	18	22,9 mm
TG-100-20	25,4 mm	20	23,6 mm
TG-112-18	28,6 mm	18	26,1 mm
TG-112-20	28,6 mm	20	26,8 mm
TG-112-22	28,6 mm	22	27,2 mm

ADJUSTABLE SILICONE TUBE PLUGS

Designed to conform to almost any inside tube surface, including coated tubes, and designed to not damage tube walls, these adjustable tube plugs provide a versatile option when it becomes necessary to plug tubes. Brass or stainless steel nuts and bolts, vulcanized silicone rubber and high performance plastic make materials compatibility a non issue. Available in single seal configurations for lower pressure applications (less than 4,1 BAR) or double seal configuration for higher pressure applications (up to 10 BAR), these plugs are designed for long life at high temperatures, in fresh or salt water. Installation and removal are easy. Pre-set torque wrenches make proper installation fool-proof. They are manufactured in sizes to cover chiller and heat exchanger tubes 15,9 mm, 19,1 mm, 22,2 mm, 25,4 mm, 29 mm or 32 mm O.D. with BWG ranges 18 to 25.

TP-ADJ-B: Adjustable Silicone Tube Plug with brass nuts and bolt .

TP-ADJ-S: Adjustable Silicone Tube Plug with stainless steel nuts and bolt.

TP-ADJ-TW-SM: T-Handle Torque Wrench for 15,9 mm to 19,1 mm O.D. plugs, preset to 7,7 in-kg; 1,92 N-M (Newton-Meter).

TP-ADJ-TW-LG: T-Handle Torque Wrench for 22,2 mm to 32 mm O.D. plugs, preset to 14,9 in-kg; 3,73 N-M.

NOTE: ADDITIONAL STYLE AND SIZE TUBE PLUGS AVAILABLE. CALL FOR PRICES AND QUANTITY DISCOUNTS.

FLEXIBLE FIBERGLASS ROD

Each Flexible Fiberglass Rod is equipped with a brass tip and is ideal for removing foreign material stuck inside tubes. Custom lengths are available.

QS-ROD-45: Flexible Fiberglass Rod, 13,7 m.

QS-ROD-65: Flexible Fiberglass Rod, 19,8 m.

NOTE: CUSTOM LENGTHS AVAILABLE.

MUST HAVE ADD-ONS FOR BETTER RESULTS



U.S. PATENT NO. 6863116

CHILLER BIB BAG
WITH FRAME

Chiller Bib®

The Goodway Chiller Bib captures dirty water and debris during tube cleaning operations, saving time and money on post-job cleanup. The unit consists of a 610 mm wide x 300 mm deep reusable aluminum frame and a disposable poly bag. It features two oversized soft nylon brushes, which slide into the chiller's tubes, to securely fasten the Chiller Bib to the tube sheet. These brushes also slide in channels on the frame, allowing it to move across the tube sheet for optimum positioning. A double edge combination of an EPDM gasket with a strip of underlying nylon bristles

provides for a snug fit against an irregular tube sheet. The poly bag is equipped with a 7,6 m integrated hose to funnel the water and debris to the nearest drain.

9401-3: Chiller Bib Bag (package of three).

BIB-KIT-3: Chiller Bib Frame with three Chiller Bib Bags.

BAG-KIT-10: Chiller Bib Bag (package of ten).

RAM SERVICE KITS



RAM-5DC SERVICE KIT



RAM-PRO SERVICE KIT



RAM-4 SERVICE KIT

RAM PRO SERVICE KIT:

Regular maintenance of the RAM-PRO will ensure it is ready when you need it. This kit, with its detailed instructions, provides all of the parts necessary to keep your machine operating efficiently and reliably.

RAMPRO-SVC-KIT: Kit includes 824 Seal, 825 Bearing, 826 Snap Ring, 803 Screen Washer, 944 Spacer, 979 Drive Shaft, 949 Snap Ring, 935 304,8 mm Water Hose, 9648 Hose Clamp, 9008 Rubber Foot (package of four).

RAM-4 SERVICE KIT:

Bring your RAM-4 back into shape with a rebuild kit including all the major wear items. This includes illustrated instructions, upper and lower bearings, manifold snap ring, seal, shaft/driver, screen washer and even the screws to put everything back together.

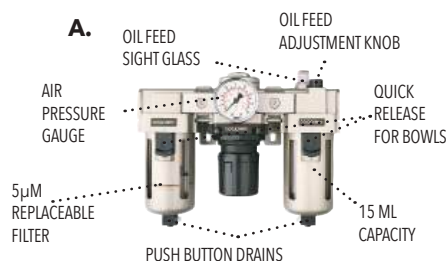
RAM4-SVC-KIT: RAM-4 Service Kit includes, 805 O-ring, 824 Seal, 825 Bearing, 826 Snap Ring, 833 Lower Bearing, 873 Shaft/Driver, 803 Screen Washer and HWST-1037-P Cover Screws (package of six).

RAM-5DC SERVICE KIT:

The RAM-5DC Speed-Feed Tube Cleaner is a hard working machine, but after thousands of tubes it could probably use a break. Here's a service kit to get your machine back up to speed. The kit has everything from illustrated instructions, shaft/driver, O-ring, seal, snap ring and bearings to a new set of Speed Feed gears, and even replacement parts for the Speed-Feed gun.

R5-SVC-KIT-3: RAM-5DC Service Kit includes, 805 O-ring, 824 Seal, 825-R5 Bearings (package of ten), 826 Snap Ring, 833-1 Lower Bearing, 2229 Shaft/Driver, 803 Screen Washer, SFG-703 Speed Feed Gears, 2224 Trigger, 2225 Trigger Pads (package of two), 2245 Trigger Pin and HWST-1037-P Cover Screws (package of six).

ESSENTIAL ACCESSORIES FOR BETTER PERFORMANCE

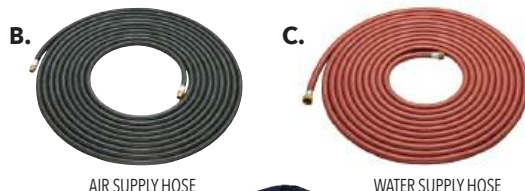


A. AIR LUBRICATOR, FILTER AND REGULATOR

Air-operated equipment will last longer and run more efficiently with proper treatment of the air supply.

NOTE: ALL MODULES HAVE 12,7 MM NPT PORTS. MAXIMUM PRESSURE 10,3 BAR. MAXIMUM TEMPERATURE 60°C. AIR DISPLACEMENT 238 M³/H.

GTC-705-4: Combination Air Lubricator, Filter and Regulator.



B. AIR SUPPLY HOSES

Made from 13 mm I.D. x 15,2 m abrasion resistant black rubber, Goodway Air Supply Hoses provide high CFM airflow to pneumatic machinery for maximum power. They can be used for a variety of industrial applications.

NOTE: MAXIMUM PRESSURE 13,8 BAR.

ASH-B50-A: Air Supply Hose for AWT-100 and GSL-705.

ASH-B50-G: Air Supply Hose for AWT-100X, JCL JetLaunch®, JL JetLoad®, LD-2X2 and QS-300 Quick Shot.

ASH-B50-P: Air Supply Extension Hose for PSM-500.

ASH-B50-E: Air Supply Extension Hose for all hoses listed above.



waterflow than conventional 13 mm I.D. garden hoses. High flow is important for adequate flushing of tubes and for providing sufficient volume to all Goodway equipment. Use with water up to 28°C. Stays flexible to -32°C. It is ideal for any application requiring a high flow, high quality hose.

NOTE: MAXIMUM PRESSURE 10,3 BAR.

WSH-R50: Red Rubber Water Supply Hose.

D. CARRYING BAG

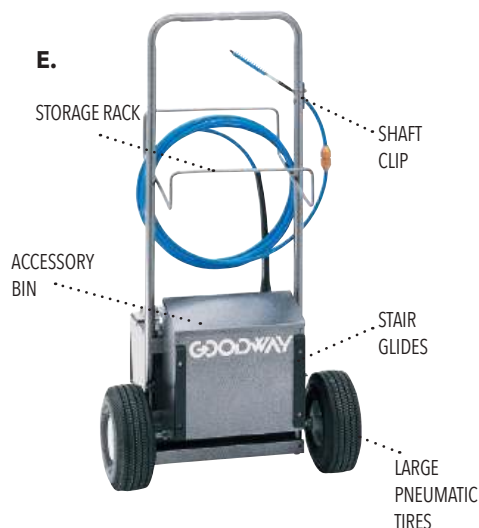
This heavy-duty 660 mm diameter carrying bag will fit all size flexible shafts as well as some basic accessories.

SB-26: Carrying Bag.

E. HEAVY-DUTY CONTRACTOR DOLLY

The Goodway Heavy-Duty Contractor Dolly is designed for use with all RAM-4, RAM-4X, RAM-5SF, RAM-6, AWT-100X and AQ-R1500 Machines. It features increased height, large pneumatic tires and bumpers for easier maneuverability and stair climbing ability, a storage rack for flexible shafts and water hoses, and a large storage bin with drainage for brushes and other accessories.

RAM-DOLLY-C: Heavy-Duty Contractor Dolly.



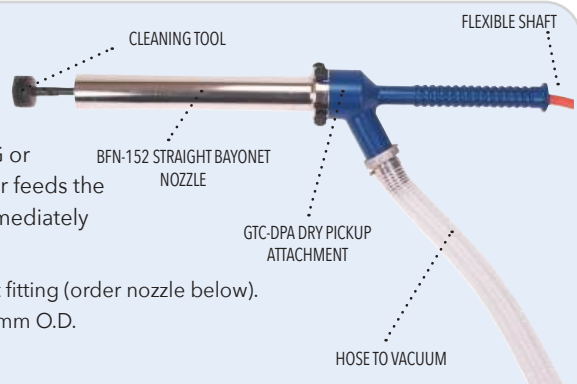
DRY PICKUP ATTACHMENT

The GTC-DPA can be used with the RAM-4X, RAM-4X2A, AWT-100 and AWT-100X Tube Cleaners for the recovery of dry deposits. After connecting the vacuum the operator simply inserts a special dry application flexible shaft (GTC-721, GTC-721G or GTC-821) through the Dry Pickup Attachment and into the tube. While the operator feeds the rotating shaft through the tube, the cleaning tool breaks up deposits which are immediately pulled into the vacuum drum.

GTC-DPA: Dry Pickup Attachment, including 51 mm x 3,7 m hose with quick connect fitting (order nozzle below).

BFN-152S: Straight Bayonet Nozzle, 460 mm long for tubes 35, 41, 51, 64, 76 or 89 mm O.D.

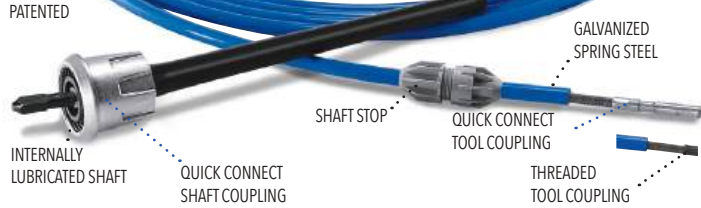
BFN-152SA: Straight Bayonet Nozzle, 460 mm long for tubes 102 mm O.D.



FLEXIBLE SHAFTS

**SAVE
WITH QUICK
CONNECT!**

GTC-701/GTC-702/GTC-703/GTC-704/GTC-720



FLEXIBLE SHAFT DIMENSIONS

Shaft No.	Casing O.D.	Tool End Thread
701	6,4 mm	8-32 female
702	9,5 mm	1/4-28 female or Quick Connect
703	12,7 mm	1/4-28 female or Quick Connect
704	14,3 mm	1/4-28 female or Quick Connect
720	19,1 mm	1/2-12 female or Quick Connect
721	22,2 mm	1/2-12 female or Quick Connect
721G	22,2 mm	1/2-12 female or Quick Connect
821	22,2 mm	1/2-12 female or Quick Connect

WET / DRY APPLICATIONS

Flexible Shafts (Nylon Casing) for Tubes 6,4 to 9,5 mm I.D.

GTC-701-12: Flexible Shaft, 3,7 m.

GTC-701-25: Flexible Shaft, 7,6 m.

Flexible Shafts (Nylon Casing) for Tubes 11,1 to 12,7 mm I.D.

GTC-702Q-12: Flexible Shaft, 3,7 m.

GTC-702Q-17: Flexible Shaft, 5,2 m.

GTC-702Q-25: Flexible Shaft, 7,6 m.

GTC-702Q-35: Flexible Shaft, 10,7 m.

GTC-702Q-45: Flexible Shaft, 13,7 m.



Flexible Shafts (Nylon Casing) for Tubes 14,3 to 25,4 mm I.D.

GTC-703Q-12: Flexible Shaft, 3,7 m.

GTC-703Q-17: Flexible Shaft, 5,2 m.

GTC-703Q-25: Flexible Shaft, 7,6 m.

GTC-703Q-35: Flexible Shaft, 10,7 m.

GTC-703Q-45: Flexible Shaft, 13,7 m.

GTC-703Q-60: Flexible Shaft, 18,3 m.

GTC-703Q-75: Flexible Shaft, 22,9 m.



Flexible Shafts (Nylon Casing) for Tubes 17,5 to 25,4 mm I.D.

GTC-704Q-12: Flexible Shaft, 3,7 m.

GTC-704Q-17: Flexible Shaft, 5,2 m.

GTC-704Q-25: Flexible Shaft, 7,6 m.

GTC-704Q-35: Flexible Shaft, 10,7 m.

GTC-704Q-45: Flexible Shaft, 13,7 m.

GTC-704Q-60: Flexible Shaft, 18,3 m.

GTC-704Q-75: Flexible Shaft, 22,9 m.



QUICK CONNECT FITTINGS



FEATURES

- Abrasion Resistant Blue Nylon Casing provides high visibility for safety and a tough exterior to withstand harsh industrial environments.
- Internally Lubricated Shaft Insert molded out of a self lubricating material reduces friction and increases shaft life. Metal Nut provides a secure connection to the drive unit without any concern for breakage.
- Strain Relief System custom molded with a variable thickness allows for a gradual radial bend that is far superior to a spring or coiled wire.
- Shaft Stop which can be positioned anywhere along the shaft lets you know when the end of the tube has been reached (wet cleaning only).
- Quick Connect Couplings allow you to change shafts, brushes and cleaning tools up to 30 times faster than on shafts with threaded connections.
- Galvanized Spring Steel comprised of multiple counter rotated windings provides unmatched performance and long durability.

Flexible Shafts (Nylon Casing) for Tubes 25,4 mm I.D. and Up

GTC-720-15: Flexible Shaft, 4,6 m.

GTC-720-25: Flexible Shaft, 7,6 m.

GTC-720-35: Flexible Shaft, 10,7 m.

GTC-720-50: Flexible Shaft, 15,2 m.



DRY APPLICATIONS

Flexible Shafts (Heat Resistant 149°C Rigid Covered Steel Casing) for Tubes 25,4 mm I.D. and Up

GTC-721G-15: Flexible Shaft, 4,6 m.

GTC-721G-25: Flexible Shaft, 7,6 m.

GTC-721G-35: Flexible Shaft, 10,7 m.

GTC-721G-50: Flexible Shaft, 15,2 m.



Flexible Shafts (High Temperature Tolerant 232°C Stainless Steel Casing) for Tubes 25,4 mm I.D. and Up

GTC-821-15: Flexible Shaft, 4,6 m.

GTC-821-25: Flexible Shaft, 7,6 m.

GTC-821-35: Flexible Shaft, 10,7 m.

GTC-821-50: Flexible Shaft, 15,2 m.



NOTE: GTC-702Q, GTC-703Q AND GTC-704Q FLEXIBLE SHAFTS ARE AVAILABLE WITH STANDARD THREADED TOOL COUPLINGS. TO ORDER LEAVE OFF THE "Q" IN THE PART NUMBER.

NOTE: GTC-703, GTC-703Q, GTC-704 AND GTC-704Q FLEXIBLE SHAFTS FOR USE WITH A RAM-5SF SPEED-FEED TUBE CLEANER REQUIRE A SPECIAL SHAFT STOP. TO ORDER, ADD THE SUFFIX R5 TO THE PART NUMBER.

FLEXIBLE SHAFTS



SHAFT CUTTING AND CRIMPING PRESS



1. CUT SHAFT

2. FORM SHAFT

3. CRIMP ON REPLACEMENT COUPLING

CRIMPING TOOLS FOR FLEXIBLE SHAFT REPAIR

Shaft Cutting and Crimping Press

The Shaft Cutting and Crimping Press is specifically designed for use with Goodway GTC-701, GTC-702 and GTC-703 Flexible Shafts. This unique tool will allow the user to quickly cut and repair flexible shafts in the field without the use of any other tools.

PCC-BASE: Shaft Cutting and Crimping Press with cutting dies.
NOTE: CRIMPING DIES NOT INCLUDED.

Crimping Dies

DIE-SET-701/702/703:

Dies for GTC-701/702/703 Flexible Shafts (specify shaft).

Crimping Block

Goodway's Crimping Block provides the user with quick, convenient methods for performing repairs of flexible shafts in the field. Used properly, each will permanently attach repair couplings, extending the life of the flexible shaft while reducing downtime when a repair is needed.

GTC-CT5: Crimping Block with Punch.

GTC-CTP: Replacement Punch.



CRIMPING BLOCK

FLEXIBLE SHAFT REPAIR COUPLINGS AND KITS

Flexible shaft repair kits include four drive end repair couplings, four thrust washers, four tool end repair couplings, four O-rings, one crimping tool with punch, one flexible shaft lubricator with quick disconnect, and two 0,5 liter bottles of lubricant for flexible shaft lubricator.

Standard Thread Tool End Repair Couplings

717-1/2/3/6: Coupling for GTC-701/702/703/704 Flexible Shafts (specify shaft).

717-4: Coupling for GTC-720/721/721G/821 Flexible Shafts.

Quick Connect Tool End Repair Couplings

717-2Q/3Q/6Q: Coupling for GTC-702Q/703Q/704Q Flexible Shafts with quick connect fittings (specify shaft).

Flexible Shaft Drive End Repair Couplings

713-1/2/3/5: Coupling for GTC 701/702/703/704 Flexible Shafts (specify shaft).

713-6: Coupling for GTC-720/721/721G/821 Flexible Shafts.

Flexible Shaft Repair Kits

REP-701/702/703/704-KIT: Repair Kit for GTC-701/702/703/704 Flexible Shafts (specify shaft).

REP-702Q/703Q/704Q-KIT: Repair Kit for GTC-702Q/703Q/704Q Flexible Shafts (specify shaft).

REP-720-KIT: Repair Kit for GTC-720 Flexible Shafts.

FLEXIBLE SHAFT LUBRICATOR

The Goodway Flexible Shaft Lubricator allows for fast, easy protection of flexible shafts in between uses. Simply fill the lubricator with water-soluble lubricant, connect the flexible shaft and attach a compressed air line [maximum 10,3 BAR - quick connect fits Goodway air line #ASH-B50-A - see page 20. The flow of air and lubricant displaces water and coats the shaft core to protect it from harmful rust and corrosion. Lubricant flushes out with water when shaft is used again.

GSL-705: Flexible Shaft Lubricator with quick connect.

GSL-LU1: Lubricant for flexible shaft lubricator, 0,5 liter bottle.



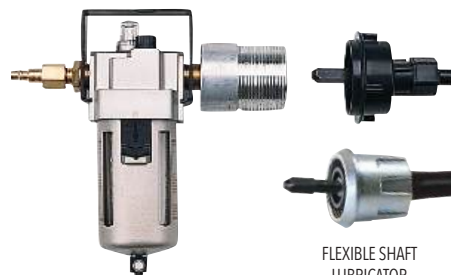
THREADED TOOL END REPAIR COUPLING



QUICK CONNECT TOOL END REPAIR COUPLING



DRIVE END REPAIR COUPLING



FLEXIBLE SHAFT LUBRICATOR



LUBRICANT



FLEXIBLE SHAFT REPAIR KIT



BRUSHES AND TOOLS

FOR TUBES UP TO 25,4 MM

BRUSHES FOR INTERNALLY ENHANCED TUBES



LARGE DIAMETER OF BRUSH CLEANS GROOVES

SMALL DIAMETER OF BRUSH CLEANS LANDS

TURBO TIP HELPS DISLODGE DEPOSITS



THE "PATRIOT"® DUAL DIAMETER NYLON BRUSH:

The "Patriot" Dual Diameter Nylon Brush is recommended for removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous internally enhanced tubes. The large diameter end of this brush cleans into the grooves while its small diameter end cleans the lands of the tube's rifling.

AVAILABLE IN BAGS OF 25



DUAL DIAMETER SPIN-GRIT BRUSHES:

The Dual Diameter Spin-Grit Brush is recommended for removing soft and light scale deposits in straight, ferrous and nonferrous internally enhanced tubes. The small diameter end of this brush cleans into the grooves while the large diameter end cleans the lands of the tube's rifling.

AVAILABLE IN BAGS OF 15

BRUSHES FOR SMOOTH BORE TUBES



6,4 TO 25,4 MM ONLY

BLUE NYLON BRUSHES:

Blue Nylon Brushes are recommended for removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.

AVAILABLE IN BAGS OF 15 OR 25 - DEPENDING ON SIZE



ENN-062-Q: The "Patriot" Dual Diameter Nylon Brush for tubes 15,9 mm I.D.

ENN-090-Q: The "Patriot" Dual Diameter Nylon Brush for tubes 23,8 mm I.D.

ESGB-Q-050: Dual Diameter Spin-Grit Brush for tubes 12,7 mm I.D.

ESGB-Q-062: Dual Diameter Spin-Grit Brush for tubes 15,9 mm I.D.

ESGB-Q-075: Dual Diameter Spin-Grit Brush for tubes 19,1 mm I.D.

ESGB-Q-100: Dual Diameter Spin-Grit Brush for tubes 25,4 mm I.D.



GTC-211Q: Blue Nylon Brushes, 6,4 to 25,4 mm (in 1,6 mm increments).



6,4 TO 25,4 MM ONLY

SPIN-GRIT BRUSHES:

Spin-Grit Brushes are recommended for removing soft and light scale deposits in straight, ferrous and nonferrous internally enhanced tubes.

AVAILABLE IN BAGS OF 15

SGB-050: Spin-Grit Brush for tubes 6,4 to 9,5 mm I.D.

SGB-Q-075: Spin-Grit Brush for tubes 11,1 to 15,9 mm I.D.

SGB-Q-100: Spin-Grit Brush for tubes 17,5 to 19,1 mm I.D.

SGB-Q-125: Spin-Grit Brush for tubes 20,6 to 25,4 mm I.D.



TUBE CLEANER BRUSH WITH QUICK CONNECT:

Tube cleaner brush with Quick Connect for removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous tubes.

NOTE: 6,4 MM AND 7,9 MM THREADED BRUSHES REQUIRE A #C-1 COUPLING, AND 9,5 MM THREADED BRUSHES REQUIRE A #C-2 COUPLING TO CONNECT TO GTC-701 FLEXIBLE SHAFTS (COUPLINGS SUPPLIED WITH GTC-701 FLEXIBLE SHAFT ORDER).

NOTE: ALL GOODWAY BRUSHES AND BUFFING TOOLS ARE AVAILABLE WITH STANDARD THREADED TOOL COUPLINGS. TO ORDER LEAVE OFF THE "Q" IN THE PART NUMBER.

GTC-240Q-13: Tube Cleaner Brush Assembly w/Quick Connect, 13mm Brush D.

GTC-240Q-16: Tube Cleaner Brush Assembly w/Quick Connect, 16mm Brush D.

GTC-240Q-17.5: Tube Cleaner Brush Assembly w/Quick Connect, 17.5mm Brush D.

GTC-240Q-19: Tube Cleaner Brush Assembly w/Quick Connect, 19mm Brush D.

GTC-240Q-22: Tube Cleaner Brush Assembly w/Quick Connect, 22mm Brush D.

GTC-240Q-25: Tube Cleaner Brush Assembly w/Quick Connect, 25mm Brush D.

BRUSHES AND TOOLS

FOR TUBES UP TO 25,4 MM

BRUSHES FOR SMOOTH BORE TUBES CONTINUED



6,4 TO 25,4 MM ONLY



BRASS BRUSHES:

Brass Brushes are recommended for removing soft and light scale deposits in straight, ferrous and nonferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.

AVAILABLE IN BAGS OF 15



6,4 TO 25,4 MM ONLY



STAINLESS STEEL BRUSHES:

Stainless Steel Brushes are recommended for removing soft and light scale deposits in straight, ferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.

AVAILABLE IN BAGS OF 15

SAVE WITH QUICK CONNECT!



GTC-200BQ: Brass Brushes, 6,4 to 25,4 mm (in 1,6 mm increments).



GTC-210Q: Stainless Steel Brushes, 6,4 to 25,4 mm (in 1,6 mm increments).

BUFFING TOOLS



9,5 TO 25,4 MM ONLY



Stainless Steel Wire Buffing Tools are used for removing light to medium scale deposits or for finishing tubes previously "roughed out" with other cleaning tools. They can be used in straight, ferrous and nonferrous tubes. Buffing tools can only be used in a clockwise (forward) direction and cannot be used in internally enhanced tubes. They are adjustable to a 6,4 mm range.

GTC-203: Buffing Tool for tubes 7,9 to 9,5 mm I.D.

GTC-203DT: Same as GTC-203 with drill tip.

GTC-204Q: Buffing Tool for tubes 9,5 to 12,7 mm I.D.

GTC-204QDT: Same as GTC-204Q with drill tip.

GTC-205Q: Buffing Tool for tubes 12,7 to 14,3 mm I.D.

GTC-205QDT: Same as GTC-205Q with drill tip.






GTC-206Q: Buffing Tool for tubes 15,9 to 25,4 mm I.D.

GTC-206QDT: Same as GTC-206Q with drill tip.

GTC-207: Replacement Metal Blades for GTC-203 and GTC-204.

GTC-208A: Replacement Metal Blades for GTC-205.

GTC-208B: Replacement Metal Blades for GTC-206.










ACCESSORY	APPLICATION	PART NO.	SIZES
Adjustable Triangular Scraping Tools 	Removing heavy scale deposits in straight, ferrous tubes. They can only be used in a clockwise (forward) direction and cannot be used in internally enhanced tubes. They are adjustable to a 6,4 mm range.	TST-500 TST-750	Triangular Scraper Tool for tubes 12,7 to 19,1 mm I.D.; Triangular Scraper Tool for tubes 19,1 to 25,4 mm I.D.
Carbide Drills 	Carbide Drills are recommended for cleaning straight, ferrous tubes plugged solidly with deposit.	PTB-025/037/ 043/050/ 056/062/068	6,4 mm, 9,5 mm, 11,1 mm, 12,7 mm, 14,3 mm, 15,9 mm or 17,5 mm (specify size)
Flex-Hone Abrasive Tools 	Flex-Hone Abrasive Tools are light pressure, soft application honing devices for cleaning straight, ferrous tubes. They consist of 180 grit silicon carbide abrasive globules (stones) bonded to high density nylon filaments. Order tool to correspond to tube I.D.	FHT-025/031/037/ 043/050/056/062/ 068/075/087/100	6,4 mm, 7,9 mm, 9,5 mm, 11,1 mm, 12,7 mm, 14,3 mm, 15,9 mm, 17,5 mm, 19,1 mm, 22,2 mm or 25,4 mm (specify size) NOTE: FLEX-HONE ABRASIVE TOOLS ARE NORMALLY USED WITH A WATER FLUSH FOR MAXIMUM LIFE.
Flex Hub Tools 	Flex Hub Tools incorporate centrifugally activated blades for removing hard and heavy deposits in straight, ferrous tubes.	GTC-225 GTC-225A	Flex Hub for straight tubes 12,7 to 25,4 mm I.D.; Replacement Metal Blades for GTC-225 (set of three)
U-Tube Tools 	Consisting of brushes or grinding tips permanently mounted on 460 mm sections of flexible shafts, U-Tube Tools are designed to snake partially through each side of a U-bend, to thoroughly clean from both sides.	CBT-075B; CBT-075S WBT-075B/100B; WBT-075S/100S; GTT-050; GTT-625	Brass Cup Brush Tool for tubes 12,7 to 19,1 mm I.D.; Stainless Steel Cup Brush Tool for tubes 12,7 to 19,1 mm I.D.; Brass Wheel Brush, 19,1 mm or 25,4 mm (specify size); Stainless Steel Wheel Brush, 19,1 mm or 25,4 mm (specify size); Grinding Tip Tool, 12,7 mm; Grinding Tip Tool, 15,9 mm

NOTE: 6,4 MM AND 7,9 MM THREADED BRUSHES REQUIRE A#C-1 COUPLING, AND 9,5 MM THREADED BRUSHES REQUIRE A#C-2 COUPLING TO CONNECT TO GTC-701 FLEXIBLE SHAFTS. (COUPLINGS SUPPLIED WITH GTC-701 FLEXIBLE SHAFT ORDER.) NOTE: ALL GOODWAY BRUSHES AND BUFFING TOOLS ARE AVAILABLE WITH STANDARD THREADED TOOL COUPLINGS. TO ORDER LEAVE OFF THE "Q" IN THE PART NUMBER.



BRUSHES AND TOOLS

FOR TUBES 25,4 MM AND UP

ACCESSORY	APPLICATION	PART NO.	SIZES
Nylon Brushes 	Removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous tubes. Order brush to correspond to tube I.D.	TCB-N	32 mm, 38 mm, 44 mm, 51 mm, 57 mm, 64 mm, 70 mm, 76 mm, 83 mm, 89 mm, 95 mm or 102 mm
Brass Brushes 	Removing soft and light scale deposits in straight, ferrous and nonferrous tubes. Order brush to correspond to tube I.D.	TCB-B	32 mm, 38 mm, 44 mm, 51 mm, 57 mm, 64 mm, 70 mm, 76 mm, 83 mm, 89 mm, 95 mm or 102 mm
Stainless Steel Brushes 	Removing soft and light scale deposits in straight, ferrous tubes. Order brush to correspond to tube I.D.	TCB-S	32 mm, 38 mm, 44 mm, 51 mm, 57 mm, 64 mm, 70 mm, 76 mm, 83 mm, 89 mm, 95 mm, 102 mm, 108 mm, 114 mm, 121 mm or 127 mm
Dual Diameter Spin Grit Brushes 	Removing soft and light scale deposits in straight, ferrous and nonferrous internally enhanced tubes. The small diameter end of this brush cleans into the grooves while the large diameter end cleans the lands of the tube's rifling. Order brush to correspond to tube I.D.	ESGB-Q-100 ESGB-Q-125	25,4 mm 32 mm
Carbon Steel Brushes 	Removing soft and light scale deposits in straight, ferrous tubes. Order brush to correspond to tube I.D. Not recommended for stainless steel tubes.	TCB-C	127 mm, 152 mm, 178 mm, 203 mm, 229 mm, 254 mm, 279 mm, 305 mm, 330 mm or 356 mm
Plastic Brushes 	Removing soft deposits in straight, ferrous and nonferrous tubes. Order brush to correspond to tube I.D.	TCB-P	102 mm, 127 mm, 152 mm, 178 mm, 203 mm, 229 mm, 254 mm, 279 mm, 305 mm, 330 mm or 356 mm
Adjustable Buffing Tool 	Removing light to medium scale deposits or for finishing tubes previously "roughed out" with other cleaning tools. They can be used in straight, ferrous and nonferrous tubes.	GTC-223 GTC-223DT GTC-224	Buffing Tool for tubes 25,4 to 76 mm I.D. Same as GTC-223 with drill tip Replacement Metal Blades for GTC-223
Adjustable Triangular Scraping Tools 	Removing heavy scale deposits in straight, ferrous tubes.	TST-1000 TST-1500 TST-2000 TST-2500	Triangular Scraper Tool for tubes 25,4 to 38 mm I.D. Triangular Scraper Tool for tubes 38 to 51 mm I.D. Triangular Scraper Tool for tubes 51 to 64 mm I.D. Triangular Scraper Tool for tubes 64 to 76 mm I.D.
Carbide Drills 	Carbide Drills are recommended for cleaning straight, ferrous tubes plugged solidly with deposit.	GTC-231D GTC-229 PTB-100	19,1 mm 2,2 mm 25,4 mm

WHEEL BRUSH ASSEMBLIES

To order Wheel Brush Assemblies refer to the table (below) listing the type of tubes to be cleaned – straight or curved.

STRAIGHT TUBE WHEEL BRUSH ASSEMBLIES

Recommended for removing soft and light scale deposits in straight, ferrous tubes. Each assembly consists of four stainless steel wire wheel brushes attached to a universal joint. Brushes should be 3,2 to 6,4 mm smaller than tube I.D.

CURVED TUBE WHEEL BRUSH ASSEMBLIES

Recommended for removing soft and light scale deposits in curved, ferrous tubes. Each assembly consists of a single stainless steel wire wheel brush attached to each end of a universal joint. Brushes should be 6,4 to 9,5 mm smaller than tube I.D.



* NOTE: GTC-706 COUPLING REQUIRED TO CONNECT TO GTC-720, GTC-721, GTC-721G AND GTC-821 FLEXIBLE SHAFTS.

STRAIGHT TUBE WHEEL BRUSH ASSEMBLIES			
STRAIGHT TUBE I.D.	WHEEL BRUSH ASSEMBLY	ACTUAL BRUSH O.D.	REPLACEMENT BRUSHES
29 to 32 mm	WBS-100	25,4 mm	WBR-100
35 to 38 mm	WBS-125	32 mm	WBR-125
41 to 44 mm	WBS-150	38 mm	WBR-150
48 to 51 mm	WBS-175	44 mm	WBR-175
54 to 57 mm	WBS-200	51 mm	WBR-200
60 to 64 mm	WBS-225	57 mm	WBR-225
73 to 76 mm	WBS-275	70 mm	WBR-275
79 to 83 mm	WBS-300	76 mm	WBR-300

CURVED TUBE WHEEL BRUSH ASSEMBLIES			
CURVED TUBE I.D.	WHEEL BRUSH ASSEMBLY	ACTUAL BRUSH O.D.	REPLACEMENT BRUSHES
38 to 41 mm	WBC-125*	32 mm	WBR-125
44 to 48 mm	WBC-150*	38 mm	WBR-150
51 to 54 mm	WBC-175	44 mm	WBR-175
57 to 60 mm	WBC-200	51 mm	WBR-200
64 to 67 mm	WBC-225	57 mm	WBR-225
70 to 73 mm	WBC-250	64 mm	WBR-250
76 to 79 mm	WBC-275	70 mm	WBR-275

NOTE: OTHER SIZES AVAILABLE. CONTACT GOODWAY

BRUSHES AND TOOLS

FOR TUBES 25,4 MM AND UP

CONE CUTTER ASSEMBLIES

Cone Cutter Assemblies are designed for removing scale deposits from straight and curved, ferrous tubes. Assemblies should be slightly smaller than tube I.D. The innovative design of the cones ensures a thorough cleaning. In watertube boilers, cone cutters are the most effective cleaning tools for all conditions.

SINGLE AND DOUBLE CONE ASSEMBLIES

Assemblies consisting of one or two cone elements are used for cleaning straight tubes 29 to 59 mm I.D. and curved tubes 32 to 60 mm I.D.








DISC CONE ASSEMBLIES

Assemblies consisting of three cone elements are used for cleaning straight tubes 60 to 95 mm I.D. and curved tubes 64 to 102 mm I.D.



SINGLE AND DOUBLE CONE ASSEMBLIES				
STRAIGHT TUBE I.D.	CURVED TUBE I.D.	SINGLE CONE ASSEMBLY	DOUBLE CONE ASSEMBLY	REPLACEMENT CONES
29 to 32 mm	32 to 35 mm	SCA-100	DCA-100	RCO-100
33 to 35 mm	38 to 41 mm	SCA-112	DCA-112	RCO-112
37 to 38 mm	44 to 48 mm	SCA-125	DCA-125	RCO-125
40 to 44 mm	51 to 54 mm	SCA-150	DCA-150	RCO-150
46 to 51 mm	57 to 60 mm	SCA-175	DCA-175	RCO-175
52 to 59 mm	64 to 78 mm	SCA-200	DCA-200	RCO-200

DISC CONE ASSEMBLIES			
STRAIGHT TUBE I.D.	CURVED TUBE I.D.	DISC CONE ASSEMBLY	REPLACEMENT CONES
60 to 71 mm	51 to 78 mm	CDC-101	RCO-100
73 to 84 mm	79 to 92 mm	CDC-102	RCO-100
86 to 95 mm	94 to 102 mm	CDC-103	RCO-112

ACCESSORY	APPLICATION	PART NO.	SIZES
Drill Cone Assemblies 	Cleaning straight, ferrous tubes plugged solidly with deposits. Order assembly to correspond to tube I.D.	DDC-100 DDC-112 DDC-125 DDC-150 DDC-175	25,4 mm 29 mm 32 to 35 mm 38 to 41 mm 44 to 48 mm
Flex-Hone Abrasive Tools 	Flex-Hone Abrasive Tools are light pressure, soft application honing devices for cleaning straight, ferrous tubes. They consist of 180 grit silicon carbide abrasive globules (stones) bonded to high density nylon filaments. Order tool to correspond to tube I.D.	FHT-125/150/ 175/200/225/ 250/275/300	32 mm, 38 mm, 44 mm, 51 mm, 57 mm, 64 mm, 70 mm or 76 mm (specify size) NOTE: FLEX-HONE ABRASIVE TOOLS ARE NORMALLY USED WITH A WATER FLUSH FOR MAXIMUM LIFE.
Flex Hub Tools 	Flex Hub Tools incorporate centrifugally activated blades for removing hard and heavy deposits in straight or curved, ferrous tubes. A drill can be attached to the front of the GTC-227 or GTC-231 Flex Hub to clean severely clogged tubes.	GTC-226 GTC-231 GTC-227 GTC-226A GTC-231A GTC-227A GTC-229 GTC-231D CUJ-002	Flex Hub for straight tubes 22,2 to 38 mm I.D. or curved tubes 25,4 to 44 mm I.D. Flex Hub for straight tubes 38 to 51 mm I.D. or curved tubes 44 to 64 mm I.D. Flex Hub for straight tubes 44 to 102 mm I.D. or curved tubes 64 to 102 mm I.D. Replacement Metal Blades for GTC-226 (set of three) Replacement Metal Blades for GTC-231 (set of three) Replacement Metal Blades for GTC-227 (set of three) Drill to be attached to GTC-227 Flex Hub Drill to be attached to GTC-231 Flex Hub Universal Joint for use with Flex Hubs when minimum tube bend radius is less than 5 x I.D. of the tube (consult factory)
Rigid Arm Flare Cone Tool 	Rigid Arm Flare Cone Tools incorporate centrifugally activated, serrated cones for removing light to heavy scale deposits in straight, ferrous tubes. Use in horizontal or vertical tubes.	FCT-300 FCT-301 RCO-100 CRB-001	Flare Cone Tool for tubes 44 to 102 mm I.D. Flare Cone Tool for tubes 102 to 165 mm I.D. Replacement Cone Replacement Cone Retainer Bolt
Flexible Arm Flare Cone Tool 	The Flexible Arm Flare Cone Tool incorporates centrifugally activated serrated cones for removing light to heavy scale deposits in straight or curved, ferrous tubes. Most effective results are obtained if tube is in vertical position when cleaning.	FCT-600 RCO-100 CRB-001	Flare Cone Tool for tubes 102 to 305 mm I.D. Replacement Cone Replacement Cone Retainer Bolt
Flare Brushes 	Flare Brushes incorporate centrifugally activated wire cables with cobalt tips for light descaling and finishing of straight or curved, ferrous and nonferrous tubes.	FBT-301 FBT-501 FBT-502	Three Strand Flare Brush for tubes 25,4 to 51 mm I.D. Five Strand Flare Brush for tubes 51 to 102 mm I.D. Five Strand Flare Brush for tubes 102 to 203 mm I.D.
Universal Nylon Rod (Flare) Tool 	The Universal Nylon Rod (Flare) Tool incorporates centrifugally activated nylon rods for removing light deposits in straight or curved, ferrous and nonferrous tubes.	UFT-005-8	Universal Nylon Rod (Flare) Tool for tubes 51 to 381 mm I.D.

INNOVATIVE LARGE-VOLUME DESCALING SYSTEM



CE



189 liters – safe
chem/water fill port



BAR to measure
cleanliness

**PERFECT FOR
PLATE-TYPE HEAT
EXCHANGERS**

COMMON CLEANING APPLICATIONS ARE:

- Boilers
- Chillers
- Condensers
- Shell and Tube Heat Exchangers
- Plate and Frame Heat Exchangers
- Vacuum Pumps
- And More...

GDS-100

Industrial Descaling System

Size, flexibility, and quality designed for industrial work environments. Our new GDS-100 is a mobile Clean-In-Place (CIP) pump system optimized for larger descaling cleanings, but can also accommodate small applications. It starts with a 25 mm-12,7 mm magnetically driven pump with maximum outputs of 363 LPM or 15,5 m of head pressure. This portable and powerful system has been designed from the bottom up to deliver incredible descaling results time after time.

GDS-100 - Industrial Descaling System with 363 LPM flow and 189 liter tank.

GDS-100-BV - Industrial Descaling System with 363 LPM flow and 189 liter tank and by-pass valves.

FEATURES

- Heavy duty industrial design and 189 liters horizontal, vented tank offers excellent stability.
- 110V and a chemical protected (NEMA 4X) electrical box deliver convenience and safety.
- Large 38 mm x 7,6 m hoses with locking camlock fittings and isolation valves for ease of use and high performance.
- Y strainer and bypass valve functions increase performance by catching particulates for easy disposal, and to offer variable flow to match specific applications.
- Two pressure gauges offer simple performance feedback indicators, while built in check valves offer safety against liquid flood back, should there be power loss.
- Designed to handle total volumes ranging from 189 liters and up.

	GDS-100-BV	GDS-100
Motor Power	0,7 kW	0,7 kW
Input Power	Standard: 13.5 amps, 110V, 60 Hz AC Optional: 7 amps, 230V, 50 or 60 Hz	Standard: 13.5 amps, 110V, 60 Hz AC Optional: 7 amps, 230V, 50 or 60 Hz
Power Supply Cord	7,62 m long, GFCI Rated Switch	7,62 m long, GFCI Rated Switch
Output Water Press./Flow	Max 15,5 m of head or 363 LPM	Max 15,5 m of head or 363 LPM
Pumps	IP55 rated (Protected from low pressure water jets from any direction, limited ingress protection)	IP55 rated (Protected from low pressure water jets from any direction, limited ingress protection)
Venting Drum	189 L	189 L
Hoses	Two 38 mm diameter 7,6 m long	Two 38 mm diameter 7,6 m long
Variable Flow By-pass	✓	N/A
Chemical Fill Port	✓	N/A
Pressure Gauges	✓	N/A
Dimensions	914 mm (H) x 813 mm (W) x 1676 mm (L)	914 mm (H) x 813 mm (W) x 1676 mm (L)
Weight	90 Kg, Net Dry	90 Kg, Net Dry

PORTABLY AND EFFECTIVELY REMOVE SCALE DEPOSITS



**RECOMMENDED
CLEANER**
ScaleBreak-5

FEATURES

- Acid proof pump and fittings
- Innovative flow reversal valve
- 56,7 or 79,4 LPM pump (depending on model)
- Compact design for easy transport and storage
- 37,8 or 56,7 liter reservoir tank (depending on model)
- Venting cap for closed systems

GDS-C40 and GDS-C92 Innovative Flow Reverser

If you are looking for smaller and portable descalers, your search ends here. GDS-C40, and its big brother, the GDS-C92, are constructed of heavy-duty polyethylene and acid-proof components. These units are strategically engineered for prolonged use in industrial applications.

The secret to their success at removing scale lies in the innovative flow reversal valve. No need to lose circulation time shutting down while disconnecting and making hose changes. The on-board tank allows for foam and CO₂ to be released, eliminating potential pockets and speeding up the descaling process.

The GDS-C40 is perfect for brazed plate heat exchangers and with the flow reversal valve can even open plugged channels. The GDS-C92 steps up to mid-range equipment such as shell & tube heat exchangers or high efficiency package boilers.

GDS MSA Adapters

These adapters are designed for systems utilizing grooved piping and come in

25,4-50,8 mm | 50,8 mm | 50,8-12,7 mm | 76,2 mm | 101,6 mm

They are perfect for grooved connections on brazed plate heat exchangers and support our partnerships with Multistack, SWEP & WaterFurnace.

A set of two is required to attach to the top and bottom water supply. They are fitted with a 19,05 mm male fitting and easily attach to both our GDS-C40 & GDS-C92 pump systems. Simplify your next cleaning with these simple to use adapters.

GDS-MSA-200: Adapter for the GDS systems



	GDS-C40	GDS-C92
Motor Power	0,3 kW	0,6 kW
Input Power	Standard: 7.6 amps, 115V, 60 Hz AC Optional: 3.8 amps, 230V, 50 Hz	8,6 Amps, 115 V, 50/60 Hz AC Optional 4,3 Amps, 230 V, 50/60 Hz
Power Supply Cord	5,4 m 18-3	5,5 m, 16-3
Output Water Flow	56,7 LPM	79 LPM
Pump	Centrifugal	Centrifugal Self-Priming
Tank Capacity	37,8 liters	57 liters
Dimensions	685,8 mm (H) x 381 mm (W) x 431,8 mm (D)	890 mm (H) x 380 mm (W) x 585 mm (D)
Weight	16,7 Kg Net Dry	23 Kg Net Dry

BIODEGRADABLE DESCALER FOR WATER

OPERATED EQUIPMENT



SCALEBREAK®

Descaling Chemicals

When cleaning water operated equipment, one size, or formula, in this case does not fit every situation. Goodway Technologies recognized this plea when customers were requiring an effective cleaning product that did not contain HCl. To answer this call, we formulated ScaleBreak-MP to complement your preventative maintenance program. ScaleBreak-MP is a unique tri-blend of base constituents with the inclusion of corrosion inhibitors, wetting and penetrating agents that work in harmony to offer excellent cleaning results and speed without compromising the long term integrity of equipment base metals.



COMMON CLEANING APPLICATIONS ARE:

- Piping
- Boilers
- Screens
- Chillers
- Scrubbers
- Pre-Heaters
- Condensers
- Lime Slurries
- Plate & Frame
- Reactor Jackets
- Vacuum Pumps
- Parts Washers
- Air Compressors
- Absorption Units
- Intake Pump Lines
- Cooling Tower Fill
- Spiral Heat Exchangers
- Air Compressor Jackets
- Evaporative Condensers
- Mussel Shells from Intakes
- Shell & Tube Heat Exchangers
- Complete Cooling Water Systems

SAFE FOR USE ON EQUIPMENT, INTERNAL SEALS & GASKETS COMPRISED OF:

- Brass
- Copper
- Nickel
- Stainless Steel
- Ceramic
- Steel
- Plastic
- Titanium
- Buna
- Neoprene
- Rubber
- Silicone
- EPDM
- Nitrile
- Santoprene
- Teflon
- Glass
- Fiber

NEW! Scalebreak Calculator Tool



In just a few steps, increase system efficiency and save a ton of dough. These simple to use handy calculators help you with a variety of cost-saving calculations when using our products.

VISIT OUR WEBSITE,
GOODWAY.COM/CALCULATORS
AND START SAVING NOW!

ALL-PURPOSE SCALEBREAK-MP

ScaleBreak-MP is an industrial biodegradable descaler which will quickly and effectively dissolve calcium, lime, rust and other water formed deposits from water cooled/heated equipment.

ScaleBreak-MP is a unique tri-blend of base constituents with the inclusion of corrosion inhibitors, wetting and penetrating agents that work in harmony to offer excellent cleaning results and speed without compromising the long term integrity of equipment base metals.

SCALEBRK-MP-5: All-purpose Descaling Solution, 20 liter drum.

SCALEBRK-MP-55: All-purpose Descaling Solution, 200 liter drum.

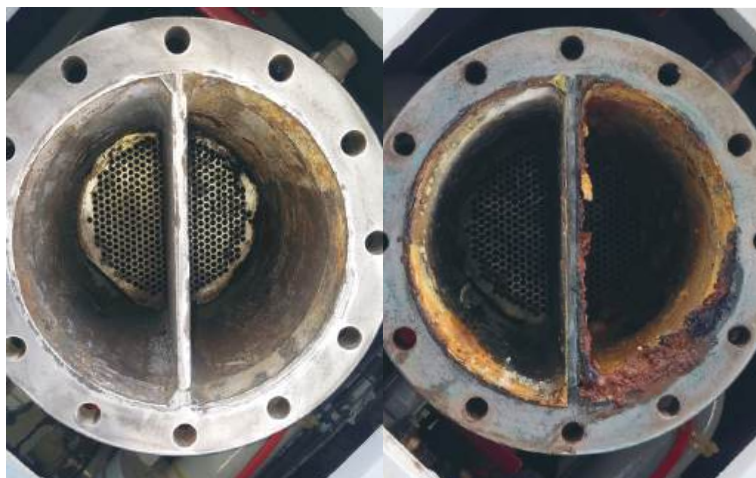
SCALEBRK-MP-275: All-purpose Descaling Solution, 1,000 liter tote.

REGULATION (EC) NO. 1907/2006

STUCK ON HOW TO DESCALE YOUR CRITICAL SYSTEMS?
VISIT GOODWAY.COM TO CHECK OUT OUR HOW-TO INSTRUCTIONS

How can ScaleBreak help you?

When dealing with calcium and other mineral buildup in your HVAC or process heating and cooling systems, the choices are limited. You can either drill or scrape with mechanical solutions, or use chemical products like ScaleBreak to safely dissolve those deposits. We always recommend chemical descaling when possible.



When you have tough jobs ScaleBreak gets it done.

Descaling can be a rigorous task. Get your buildup issues taken care of the first time, every time, with Goodway's ScaleBreak chemical solutions and tools. ScaleBreak works across jobs filling needs for these and more:

SHELL & TUBE HEAT EXCHANGERS

BRAZED PLATE HEAT EXCHANGERS

COOLING TOWERS AND COOLING TOWER FILL

EVAPORATIVE CONDENSERS AND FLUID COOLERS

CHILLERS & BOILERS

GOODWAY SCALEBREAK

INDUSTRY TRIED, TESTED, AND APPROVED

Major global manufacturers trust Goodway ScaleBreak descaling solutions in their heat exchange equipment.

Call Goodway today to discuss your specific need, and we'll help you find the proper solution.

Visit us at Goodway.com or scan the QR code to visit our How-To articles for instructions on how to use ScaleBreak and our other tools.



GOODWAY PARTNERS

THAT RELY ON THE GOODWAY SCALEBREAK
SYSTEMS AND TOOLS:



COILPRO® COIL CLEANERS



	CC-JR	CC-100	CC-140	CC-400HF	CC-201T
Motor Power	0,15 kW	0,07 kW	0,15 kW	0,75 kW	0,19 kW
Input Power	12 Amps, 12 V, DC Rechargeable VRLA Battery	4 Amps, 12 V, DC Rechargeable VRLA Battery	3 Amps, 115 V, 50/60 Hz AC or 12 Amps, 12 V, DC Rechargeable VRLA Battery; Optional: 1,5 Amp, 230 V, 50/60 Hz AC 1 Amp, 115 V, 50/60 Hz AC	15 Amps, 115 V, 60 Hz AC; Optional: 15 Amps, 230 V, 50/60 Hz AC	Standard: 1.6 Amps, 115 VAC, 50/60 Hz Optional: 0.8 Amps, 230 VAC, 50/60 Hz
Recharge Power	100-240V, 1.5 Amp MAX, 50/60 Hz	0,3 Amp, 115 V, 50/60 Hz AC; Optional: 0,15 Amp, 230 V, 50/60 Hz AC	Optional: 0,5 Amp, 230 V, 50/60 Hz AC 11,3 m, 14-3 GFCI	–	–
Power Supply Cord	–	–	11,3 m, 14-3 GFCI	7,6 m, 14-3 GFCI	6,4 m, 14-3 NEMA 515
Water Requirements	On-Board	On-Board	On-Board or minimum 1,4 BAR at 5,7 LPM	Minimum 1,4 BAR at 13,2 LPM	On Board or minimum 1,4 BAR at 5,7 LPM
Output Water Pressure	8,6 BAR	2,8 to 6,9 BAR	2,8 to 9,7 BAR	28 BAR	14 BAR
Output Water Flow	1 to 2,3 LPM	1 to 1,9 LPM	1 to 3,8 LPM	11,4 LPM	3,4 LPM
Pump	Positive Displacement Diaphragm	Positive Displacement Diaphragm	Positive Displacement Diaphragm	Axial	Diaphragm
Hose	3 m, Reinforced, Self Coiling	3 m, Reinforced, Self Coiling	7,6 m, Reinforced	3,7 m, Reinforced	7,62 m, Reinforced
Wand(s)	915 mm, Stainless Steel (9.5 mm Diameter) Sectional	–	460 mm, Plated Steel	915 mm, Stainless Steel 9.5 mm Diameter) and 460 mm, Plated Steel	460 mm, Plated Steel
Nozzle	Two Quick Connect	Three Quick Connect	Four Quick Connect	Two Quick Connect	Two Quick Connect
Water Tank	12,5 liter, Internal	19 liter, Internal	19 liter, Internal	–	30 liter, Internal
Chemical Injector	Upstream, Adjustable at 30:1 to 6:1 Ratio	Upstream at 6:1 Ratio	Upstream at 6:1 Ratio	Upstream at 10:1 Ratio	Tablet Chemical Injection
Chemical Tank	1,7 liter, Internal	2,8 liter, Internal	19 liter, Internal	–	Tablet Chemical Injection
Dimensions	480 mm (H) x 460 mm (W) x 250 mm (D)	610 mm (H) x 480 mm (W) x 350 mm (D)	1.120 mm (H) x 660 mm (W) x 460 mm (D)	330 mm (H) x 760 mm (W) x 300 mm (D)	1118 mm (H) x 368 mm (W) x 686 mm (D)
Weight	9 Kg, Net Dry	11 Kg, Net Dry	34 Kg, Net Dry	20 Kg, Net Dry	29,5 Kg, Net Dry

FEATURES

- Deep cycle 12 V rechargeable battery (CC-JR, CC-100 and CC-140)
- Integrated water tank (CC-JR, CC-100, CC-140 and CC-600)
- Integrated chemical tank (CC-JR, CC-100 CC-140 and CC-600)
- Control valve to inject chemicals
- Wand and custom nozzles
- Wide variety of custom attachments

COMPACT COIL CLEANING SYSTEM



"I love that I feel safe using the products while cleaning coils on rooftops and outside."

- Lyle N

CC-JR Compact

In a constant effort to provide our customers with products designed for their specific application, the CC-JR CoilPro was created. The CC-JR has all of the unique features you would expect, with a few extra for good measure: including a powerful 8,6 BAR pump, long-lasting deep cycle battery, operator controlled chemical injection and custom accessories.

It's all packed into a portable ergonomic design, making it easy to transport from job to job. You'll find the CC-JR CoilPro perfect for smaller rooftop units, hard to reach air handlers, and refrigeration condenser coils.

CC-JR: CC-JR CoilPro Battery Powered Coil Cleaner, including 3 m self coiling hose, spray gun, 0,9m sectional 9,5mm diameter stainless steel condenser wand, two nozzles (flat spray and pinpoint), and a 3,8 liter bottle of CoilShine®.

COILSHINE®: Coil cleaning solution, case of four 3,8 liter bottles.

DID YOU KNOW?

AC systems operating with dirty coils can consume up to 37 percent more power and still perform less effectively than clean coils.

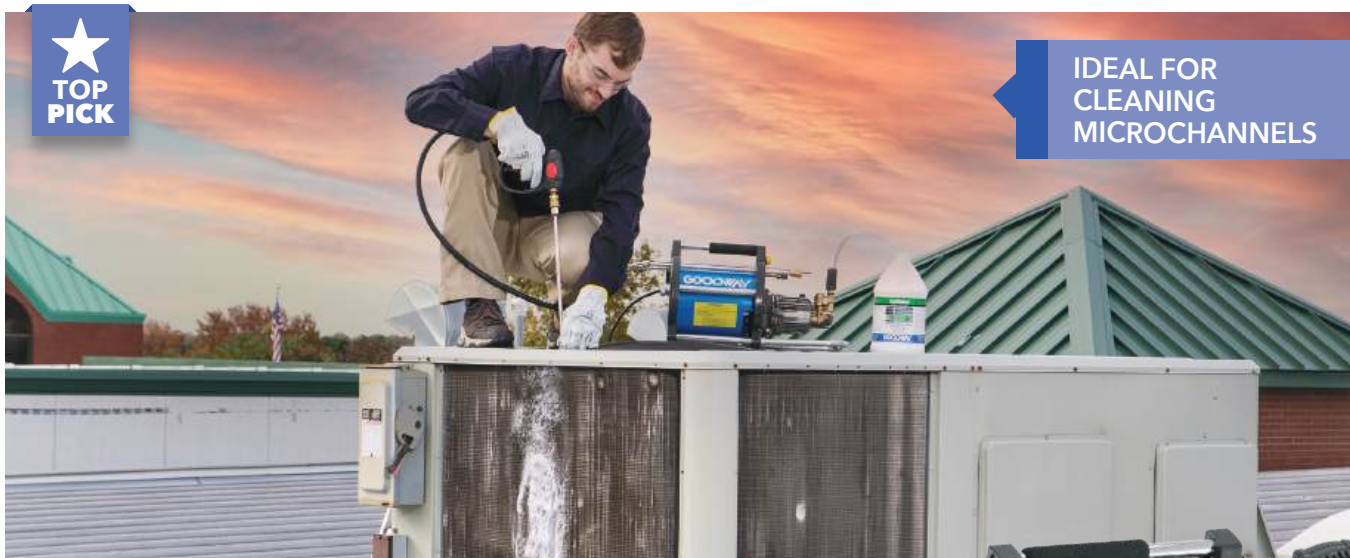


FEATURES

- Deep cycle 12V rechargeable battery
- Integrated 12,5 L water tank and 1.75 quart chemical tank
- Adjustable control valve to inject chemicals from a 30:1 to 6:1 ratio
- 0,9m sectional 9,5mm diameter stainless steel condenser wand
- Heavy-duty adjustable carrying strap with shoulder pad
- Wide variety of custom attachments

CC-JR	
Motor Power	0,15 kW
Input Power	12 amps, 12V, DC rechargeable VRLA battery
Recharge Power	Standard: 0.3 amps, 115V, 50/60 Hz AC Optional: 0.2 amps, 230V, 50/60 Hz
Water Requirements	On-Board
Output Water Pressure	8,6 BAR
Output Water Flow	2,7 LPM
Pump	Positive displacement diaphragm
Water Tank	12,5 L
Soap Tank	1,7 L
Dimensions	482 mm (H) x 457 mm (W) x 254 mm (L)
Weight	9 Kg net dry; 25 Kg at 12,5 L water and 1,65 L chemical

THE SOLUTION FOR THICK AND DIRTY COILS



CC-400HF HiFlo® Deep Clean

This innovative system delivers 27,6 BAR of cleaning power at 11,4 LPM to quickly and safely flush dirt, debris, biological growth and more from thick evaporator and condenser coils. Traditional pressure washers damage coils with high-pressure spray. The CoilPro CC-400HF comes with a variety of wand attachments to match your application. Add CoilShine® coil cleaner solution to clean even better!

CC-400HFR-60: HiFlo® Coil Cleaner, including 3,6 m hose, spray gun, 0,9 m sectional 9,5 mm diameter stainless steel condenser wand, 457,2 mm wand, two nozzles.



FEATURES

- 28 BAR at 11,4 LPM
- Siphon tube to inject chemicals at 10:1 ratio
- 3,7 m hose (additional 3,7 m extension hoses available)
- 915 mm sectional 9,5 mm diameter stainless steel condenser wand
- 460 mm wand with two nozzles (soap and flat spray)
- Wide variety of custom attachments

OPTIONAL:

RCC-13: Extension hose, 3,7 m.

QDN-LP25: Replacement Foaming Nozzle.

QDN-1512Y: Replacement Flat Spray Nozzle.

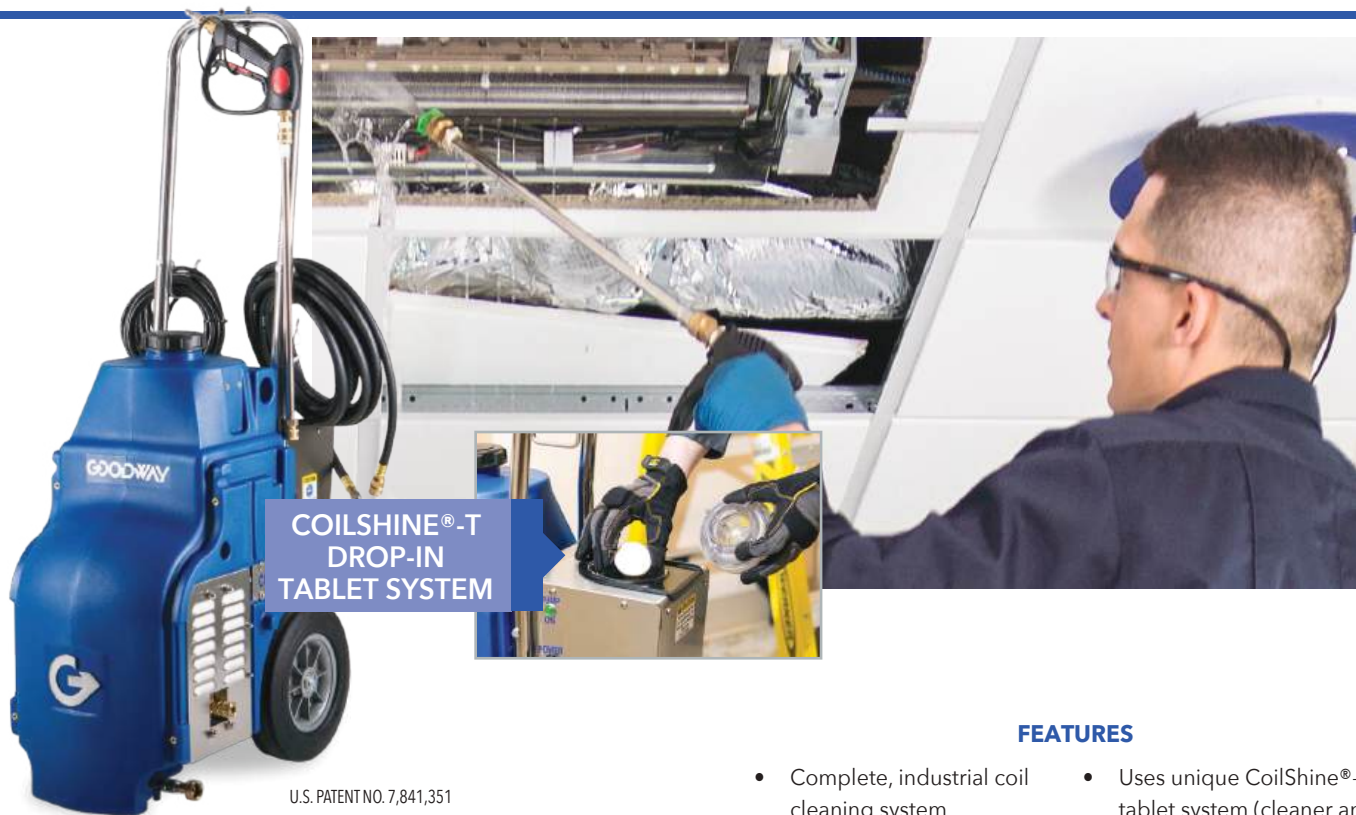
RCC-10-SK: Water Seal Kit.

COILSHINE: CoilShine high-performance alkaline coil cleaner works quickly by using foaming agents and detergent to safely lift dirt from deep inside coils. Coil cleaning solution, case of four 3,8 liter bottles



CC-400HF	
Motor Power	0.75 kW
Input Power	15 Amps, 115 V, 50/60 Hz AC Optional: 15 Amps, 230V, 50/60 Hz AC
Power Supply Cord	7,6 m, 14-3
Water Requirements	Minimum 1,4 BAR at 13,2 LPM
Output Water Pressure	28 BAR
Output Water Flow	11,4 LPM
Pump	Axial
Dimensions	330 mm (H) x 760 mm (W) x 300 mm (D)
Weight	20 Kg, Net Dry

FAST AND EFFICIENT COIL CLEANING



COILSHINE®-T
DROP-IN
TABLET SYSTEM

U.S. PATENT NO. 7,841,351

CC-201T

The Answer to Cleaning Coils in Place

The latest innovation in the CoilPro® line, the CC-201T, is loaded with features to make on-the-go cleaning of coils in mini-split systems, PTAC's and interior air handlers fast and easy. This system combines a custom pump system, portable design and unique tableted cleaner/bio growth inhibitor in one easy-to-use machine. The CC-201T features an innovative, safe-on-coils, pressurized water system that delivers 13,7 BAR of cleaning power at 3,4 LPM to remove dirt, dust, and debris from a variety of coils. It also offers the convenience of a built-in storage tank that holds 30,2 liters of water, or you can attach it to a water source for continuous cleaning. Using the unique CoilShine-T tablet system, the CC-201T delivers all the powerful cleaning and protection capabilities of our CoilShine liquid cleaner at a fraction of the size and weight. No more lugging around liters of cumbersome and bulky coil cleaner.

CC-201T	
Input Power	Standard: 1,6 Amps, 115 VAC , 50/60 Hz Optional: 0,8 Amps, 230 VAC, 50/60 Hz
Power Supply Cord	6,4 m, 14-3 NEMA 515
Water Requirements	On Board or minimum 1,4 BAR at 11,4 LPM
Output Pressure	9-13, 8 BAR
Output Flow	1,9-3,4 LPM
Pump	Diaphragm
Water Tank Capacity (wet)	30,3 liter
Dimensions	1118 mm (H) x 368 mm (W) x 686 mm (L)
Weight	29 Kg, Net Dry

FEATURES

- Complete, industrial coil cleaning system
- Powerful, yet safe 8 BAR, 4 LPM coil cleaning pressure with 30,2 liter tank or continuous water supply
- Uses unique CoilShine®-T tablet system (cleaner and bio protectant)
- Distinctive design accommodates all accessories

RECOMMENDED FOR CC-201T & CC-200:

COILSHINE-T: Foaming, Alkaline Coil Cleaning Tablet, Package of 12 tablets.

RECOMMENDED FOR CC-200:

COILSHINE-T-BIO: Coil bio-growth treatment, Package of 12 tablets.

OPTIONAL:

7060: 4,6 m Faucet Adapter Hose connects Jetter to standard faucet.

CC-200: CC-200 coil cleaner, including spray gun, 7,6 m hose, 457 mm wand with 3 nozzles. Vacuum attachments include a 1,5 m vacuum hose, 1 extension wand, 1 crevice tool, 1 brush tool, and 1 curved suction tool.

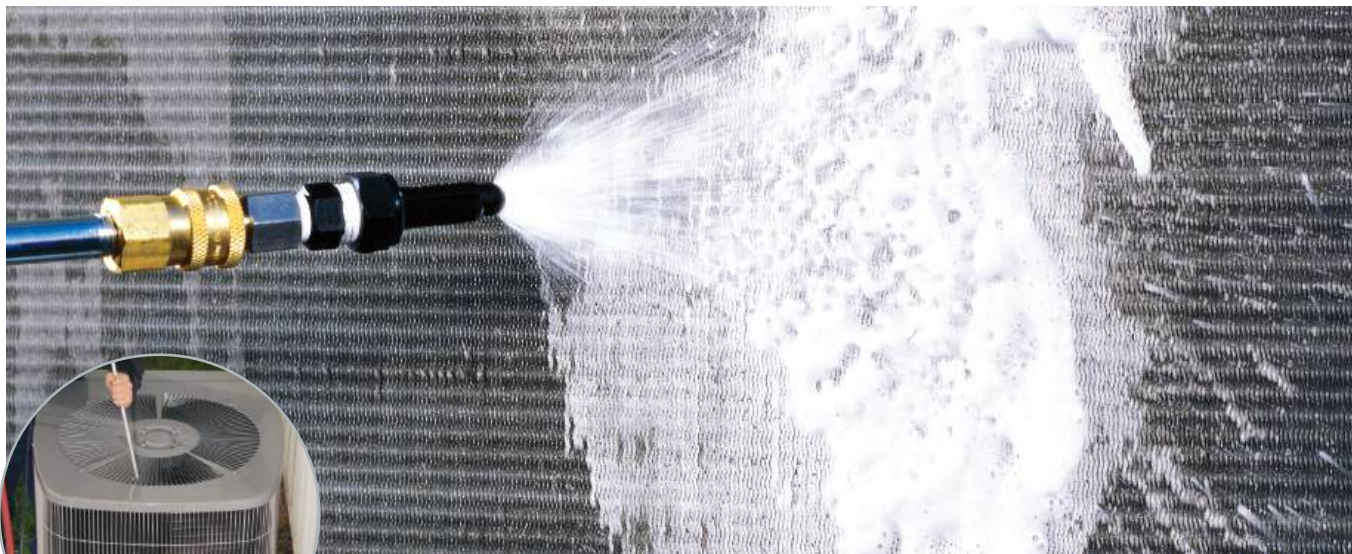
CC-201T: CC-201T coil cleaner, including spray gun, 7,6 m hose, 457 mm wand with 3 nozzles.



DID YOU KNOW?

Dirty condenser coils reduce energy efficiency by about 60 percent.





SHOWN AT
ACTUAL SIZE
OF 9,5 mm
DIAMETER

WONDER WAND

The ultra thin Wonder Wand is designed to slip between the fan guard grating of condenser units, allowing you to thoroughly clean the coils from the inside, without having to remove the top of the unit. Spraying the coils in this direction, opposite to normal air flow, provides for a more thorough cleaning of the unit.

8945: Wonder Wand, 90° Spray Wand, 910 mm (for CC-JR, CC-100, CC-140 and CC-600).

8945-48: Wonder Wand, 90° Spray Wand, 1,220 mm (for CC-JR, CC-100, CC-140 and CC-600).

NOZZLES, EXTENSION WANDS AND ADAPTERS

8945-FLEX-24: Flexible Extension Wand, 610 mm (for CC-JR, CC-100 and CC-140)

9618: Rollover Nozzle Assembly

9650: Flexible Extension Wand, 250 mm

9654: Pinpoint Foaming Nozzle

9655: Extension Wand, 460 mm

9656: Extension Wand, 610 mm

9657: Extension Wand, 910 mm

9658: Extension Wand, 1,220 mm

9659: Extension Wand, 1,520 mm

QDN: Quick Connect Nozzles

NOTE: WHEN PLACING ORDER, SPECIFY NOZZLE SPRAY PATTERN AND MACHINE (I.E. 25° CLEANING NOZZLE FOR CC-140).

QDN-45: Adapter, 45°

QDN-90: Adapter, 90°

COILVAC® DOLLY MOUNTING KIT

This kit allows you to attach the CoilVac to either a CC-140 or CC-600 CoilPro to create a complete coil cleaning system. The kit's brackets and accessory bin attach to the CoilPro's dolly with no modifications needed. All fastening hardware is included, just bolt on the two support brackets and the accessory bin. The CoilVac can be used while mounted to the dolly, and the bin holds all the tools and extra collection bags you may need in a compact and efficient package.

CVC-CC-BRACKET: CoilVac Dolly Mounting Kit to attach the CoilVac to a CC-140 or CC-600 CoilPro Coil Cleaner.



COIL CLEANER CHEMICALS



COILSHINE®

CoilShine is an environmentally friendly, biodegradable, expanding foam detergent specifically formulated for use with the CoilPro. This unique solution penetrates deep into coil beds for thorough cleaning. It is user friendly, non-acidic, and non-fuming, allowing it to be used in occupied areas and safely washed down drains.

COILSHINE®-T AND COILSHINE®-BIO COIL CLEANING TABLETS

CoilShine-T will deliver all the powerful cleaning capabilities of our CoilShine liquid yet comes in a small tablet. These innovative tablets are a fraction of the size and weight of liquids. CoilShine-T will effectively remove foreign particulate and light oils from air cooled condenser coils, evaporator coils, fin-fan coolers and PTAC units. Our CC-200 & CC201-T applicator will liquefy the tablets allowing the cleaner to penetrate deep into the coils.

COILSHINE: Coil Cleaning Solution, one case (four 3,8 liter bottles).

COILSHINE-5: Coil Cleaning Solution, 19 liter bucket.

COILSHINE-55: Coil Cleaning Solution, 208 liter drum (not shown).

CoilShine-T: Foaming, Alkaline Coil Cleaning Tablet, Package of 12 (for CC-200 only).

CoilShine-T-BIO: Coil bio-growth treatment, Package of 12 (for CC-200 only).



DRAIN PAN BIOCIDES TABLETS

Got condensate drain pans? Then you've got trouble! HVAC condensate drain pans are breeding grounds for slime, sludge and toxic bacteria like Legionella Pheumophila (Legionnaire's Disease). Not only can this build up of debris cause clogging of the drain lines resulting in water overflow and damage to the building, but the bacteria can become airborne resulting in "sick building syndrome" and health problems for the building's occupants. How can you fight this harmful build-up of debris in your drain pans? Use PanCare from Goodway on a regular basis! PanCare is an EPA registered biocide. It is formulated to help prevent the build-up of slime and bacteria in HVAC condensate drain pans. It kills 99% of Legionella Pheumophila and Salmonella Typhii Bacteria. It also contains a rust inhibitor. Each tablet is weighted to prevent floating and will work for up to 3 months, on a on a 2,7 to 4,5-metric ton on or a 40-metric ton system (depending on tablet) providing a constant release of biocide into the water.

PANCARE-24: Pancare Tablets for a 2,7 to 4,5-metric ton system, one case (24 tablets).

PANCARE-45-6: Pancare Tablets for a 40-metric ton system, one case (6 tablets).



CONTRACTOR SOLUTION FOR CLEANER TOWERS



TFC-JR®

Portable Cleaning Power

Designed for cleaning cooling tower fill, the TFC-JR is perfect for contractors and higher volume users. This small and lightweight chemical applicator is designed specifically to apply ScaleBreak®-Gel, our patented descaling gel, and BIOSPRAY®-Tower disinfectant. Using it is easy and requires little training. For descaling applications, attach the chemical dip tube to ScaleBreak-GEL container, connect the wands and correct nozzles, and you are ready to apply. After a short dwell time, clean off the tower fill with our CC-400 and turbo nozzle combo. When the TFC-JR is paired with the CC-400, it creates an innovative system that is used to remove scale deposits from cooling tower fill and other surfaces. Scale deposits are not only ugly to look at, but provide surface areas for bacteria, like Legionella, to flourish. For disinfection, use the TFC-JR to quickly and evenly apply BIOSPRAY-Tower, which kills 99.9% of Legionella pneumophila when correctly applied to hard, nonporous surfaces like cooling towers.

CC-400HFR-60: HiFlo® Coil Cleaner, including 3,6 m hose, spray gun, 0,9 m sectional 9,5 mm diameter stainless steel condenser wand, 457,2 mm wand, two nozzles.

FEATURES

- Hand carried portable design
- Extension wands and 7,6 m hose for extra reach
- Integrated tool holder
- Automated siphon for ScaleBreak-Gel and BIOSPRAY-Tower

TFC-JR: Cooling Tower Fill Cleaning System, includes 7,6 m of outlet hose, spray gun, three 609,6 mm stainless steel extension wands, foaming Nozzle, 15° spray nozzle, dip tube, dip tube hose, 40° chemical nozzle and a 45° quick connect adapter.

TFC-JR-A: Cooling Tower Fill Cleaning System 230V, 50/60Hz.

Note: Call or visit website for additional accessories.



RECOMMENDED CLEANERS

BioSpray-Tower and ScaleBreak-Gel

Note: See goodway.com for more details.

	TFC-JR	CC-400HFR
Input Power	Standard: 2 amps, 115V, 50/60 Hz Optional: 2 amps, 230V, 50/60Hz	Standard: 13 amps, 115V, 50Hz/60Hz Optional: 7 amps, 230V, 50Hz/60Hz
Motor Power	N/A	0,7 kW
Power Supply Cord	6 m, 14-3 GFCI	7,62 m, 14-3 GFCI
Water Requirements	1,3 BAR at 11,3 LPM	Minimum 1,3 BAR at 11,3 LPM
Output Water Pressure	12 BAR @ 60Hz/10 BAR @ 50Hz	27,5 BAR
Output Water Flow	1,8 LPM @ 60 Hz/0.45 @ 50Hz	11,3 LPM
Pump	Water Pump	Axial
Chemical Output Pressure	12 BAR @ 60 Hz/10 BAR @ 50Hz	-
Chemical Output	1,8 LPM @ 60Hz/ 0.45 @ 50Hz	-
Chemical Pump	Positive Displacement Diaphragm	-
Dimensions	304,8 mm (H) x 241,3 mm (W) x 609,6 mm (D)	330,2 mm (H) x 762 mm (W) x 304,8 mm (D)
Weight	15,8 Kg	20,4 Kg net dry



CLEANER TOWERS WITH ZERO DOWNTIME



U.S. PATENT NOS.
7223337, 7282156

CTV-1501 TowerVac® Efficiency with No Hassles

Safely remove cooling tower bacteria without having to drain or shut down the system. This award-winning product features an adjustable flow control that allows you to vacuum at a recovery rate of up to 227 liters per minute. Easily remove slime, algae, mud and other contaminants from the sides and floor of any cooling tower basin or sump. Stop dirty cooling tower water from fouling chillers, robbing efficiency and increasing energy costs.

CTV-1501-60: TowerVac®, including 4,5 m inlet and 7,6 m outlet vinyl crushproof hoses, 1219,2 mm wand, 152,4 mm gulper tool and storage bag.

CTV-KIT-1501: TowerVac Accessory Kit 38,1 mm: 7,6 m vinyl crushproof extension hose, 914,4 mm extension tube, 508 mm floor brush, 304,8 mm paddle tool, 457,2 mm bulk pickup tool on hose extension and 152,4 mm utility brush.

Note: Call or visit website for additional accessories.

FEATURES

- Stainless steel construction
- Heavy-duty motor removes up to 227 liters of water and debris per minute
- Semi-automatic pump primer
- Adjustable flow control
- In-line sediment filter
- Quick Connect hoses and tools
- Easy storage of accessories

CTV-F2 Ideal Vacuum Companion

High-flow capability and small-micron filtration make this the perfect unit for filtering cooling tower wastewater and returning clean, reusable water to your tower basin. When used in conjunction with the CTV-1501 TowerVac™, this powerful cleaning duo provides you with an advanced, integrated system that is designed specifically to restore optimal operating conditions to cooling towers. Twin filter cartridges clean tower water down to 5 microns for better performance. The filters are easy to clean and reuse. A clean water discharge rate of up to 189 liters per minute means it can handle any heavy-duty tower-cleaning job you encounter.

CTV-F2: TowerVac Filtration System, including two 5 micron media filters, 7.6 m connection hose, 7.6 m outlet hose and mobile dolly.

FEATURES

- Reusable filters
- Quick lock lids
- Quick Connect hoses and tools



REPLACEMENT FILTERS:

9703-6: Replacement filters (package of six).

CTV-1501	
Motor Power	1 kW
Input Power	15 Amps, 115 V, 60 Hz AC Optional: 15 Amps, 115 V, 50 Hz; 6,2 Amps, 230 V, 60 Hz; or 6,2 Amps, 230 V, 50 Hz
Power Supply Cord	6,4 m, 14-3 GFCI
Static Water Lift	7,6 m
Water Displacement	Variable, 0-189 LPM
Filtration	5 mm Sediment Capture
Pump	Centrifugal
Dimensions	890 mm (H) x 560 mm (W) x 530 mm (D)
Weight	57 Kg, Net Dry

CTV-F2	
Input Water Pressure	Maximum 2,1 BAR at 189 LPM
Filters	Two reusable synthetic, 3,7 square meter, 5 micron media
Dimensions	970 mm (H) x 510 mm (W) x 510 mm (D)
Weight	32 Kg, Net Dry



ROTARY DUCT CLEANER

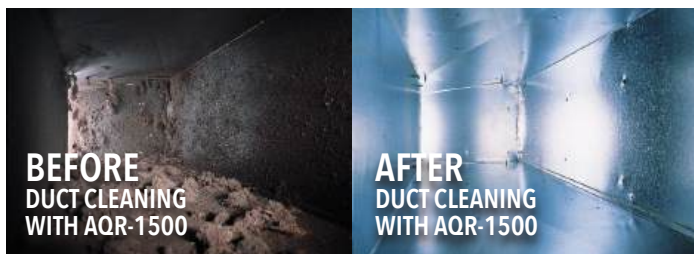


AQ-R1500B

One-Person Operation

Are mold, dust and pollen creating dangerous environmental conditions in your HVAC system? If words like "nasty," "festering" and "toxic" come to mind when thinking about your ducts, then you should see why so many professional technicians trust the AQ-R1500B Rotary Duct Cleaner for healthy, efficient system operation. The AQ-R1500B snakes around bends at brush speeds of up to 1,500 rpm to dislodge harmful deposits. It's so easy to operate that only one person with minimal training can thoroughly clean an entire system in very little time.

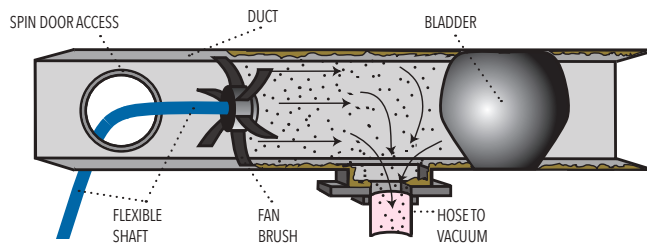
AQ-R1500B-60: Duct Cleaner, including adjustable speed control, mobile dolly, tool storage box and belt switch.



FEATURES

- Stainless steel construction
- Speed control to set shaft rotation to optimum speed for each application
- Reversible shaft rotation
- Interchangeable cleaning tools
- Integrated dolly
- Simultaneous vacuum
- Belt switch activation

AQ-R1500B	
Motor Power	0,7 kW
Input Power	6 Amps, 115 V, 60 Hz AC Optional 6 Amps, 115 V, 50 Hz AC; 3 Amps, 230 V, 60 Hz AC; or 3 Amps, 230 V, 50 Hz AC
Power Supply Cord	6,5 m, 14-3 GFCI
Shaft Speed	Variable/Reversible 1.500 RPM
Shaft Feed Method	Manual
Shaft Length	Maximum 18,3 m
Special Features	Reversible Shaft Rotation
Dimensions	940 mm (H) x 510 mm (W) x 430 mm (D)
Weight	22 Kg, Net Dry



NOTE: NEEDS TO BE PAIRED WITH NEGATIVE AIR PRESSURE VACUUM.

NOTE: A DUST MASK AND SAFETY GOGGLES MUST BE WORN WHEN OPERATING THIS EQUIPMENT.

COMPACT VACUUM THAT DOES IT ALL



DID YOU KNOW...?
90% of all ventilation system component failures are caused by debris in ducts.



CE

FEATURES

- Modular design, use with or without carrier
- Remote vacuum and brush direction control
- Independently controlled twin vacuum motors
- Dual HEPA cartridge filters
- Disposable filter debris bag
- Large diameter rear wheels and lockable casters
- Hose and brush stored on carrier

AQ-RV450

Motor Power	1,8 kW
Input Power	9,5 and 13 Amps, 125V, 60 Hz AC Optional: 11 Amps
Power Supply Cord	Two 7,6 m, 14-3
Lift	1524 mm - 508 mm (motors high-low)
Air Flow	341 m ³ /h - 151 m ³ /h (at manifold, motors high-low), 188 m ³ /h - 98 m ³ /h (at hose, motors high-low)
Brush Speed	450 RPM
Pump	Centrifugal
Hose	10,67 mm (H) x 38,1 mm (W)

AQ-RV450

Powerful two stage vacuum, remote control, twin HEPA cartridge filters and clever modular design make this versatile air vent cleaning system a no-brainer for any job. The AQ-RV450 can be used as a roll anywhere self contained air vent cleaning system or the light weight modular power pack can be detached from the carrier and placed right next to the job. The two directional rotating brush safely removes debris while the dual vacuum motors pull up to 341 m³/h back through the hose into the module's disposable vacuum bag. Clean HEPA filtered air is then exhausted from the bottom of the unit.

AQ-RV450-60: Dual 9,5 and 13 Amp, 115 V, 60 Hz AC. Combination brushing and HEPA filtered vacuum cleaner machine with 38,1 mm x 10,67 m hose assembly and three duct cleaning brushes.

AQ-RV450A-50: 11 Amp, 230 V, 50/60 Hz AC. Combination brushing and HEPA filtered vacuum cleaner machine with 38,1 mm x 10,76 m hose assembly and three duct cleaning brushes.

ACCESSORIES

AQ-RV-BRSH-04S: 101,6 mm Brush, soft

AQ-RV-BRSH-08S: 203,2 mm Brush, soft

AQ-RV-BRSH-10S: 254 mm Brush, soft

AQ-RV-BRSH-12S: 304,8 mm Brush, soft

AQ-RV-SHFT15-35: 10,67 m x 38,1 mm Complete hose assembly, blue

REPLACEMENT FILTERS:

4212-10: Pre-Filtered Bags, set of 10

4213: HEPA Filter



DUCT CLEANING EQUIPMENT – SHAFTS AND BRUSHES



A. FLEXIBLE SHAFTS (NYLON CASING):

For removing light to medium deposits in horizontal ducts up to 457,2 mm I.D.

- GTC-704-12-C:** Flexible Shaft, 3,65 m.
- GTC-704-17-C:** Flexible Shaft, 5,18 m.
- GTC-704-25-C:** Flexible Shaft, 7,62 m.
- GTC-704-35-C:** Flexible Shaft, 10,67 m.
- GTC-704-45-C:** Flexible Shaft, 13,71 m.
- GTC-704-60-C:** Flexible Shaft, 18,29 m.

B. FLEXIBLE SHAFTS (HEAT RESISTANT):

Heat resistant up to 149° C with rigid covered steel casing for removing light to medium deposits in horizontal ducts up to 457,2 mm I.D.

- GTC-704G-12-C:** Flexible Shaft, 3,65 m.
- GTC-704G-17-C:** Flexible Shaft, 5,18 m.
- GTC-704G-25-C:** Flexible Shaft, 7,62 m.
- GTC-704G-35-C:** Flexible Shaft, 10,67 m.
- GTC-704G-45-C:** Flexible Shaft, 13,71 m.
- GTC-704G-60-C:** Flexible Shaft, 18,29 m.

C. FLEXIBLE SHAFTS (COVERED STEEL CASING)

For removing heavy deposits in horizontal ducts up to 457,2 mm I.D. and in all vertical ducts

- GTC-721-15-C:** Flexible Shaft, 4,57 m.
- GTC-721-25-C:** Flexible Shaft, 7,62 m.
- GTC-721-35-C:** Flexible Shaft, 10,67 m.
- GTC-721-50-C:** Flexible Shaft, 15,24 m.

NOTE: TO ORDER FLEXIBLE SHAFT(S) DETERMINE DUCT CONFIGURATION(S) AND LENGTH OF LONGEST SECTION(S) TO BE CLEANED. ORDER FLEXIBLE SHAFT(S) TO CORRESPOND WITH CONFIGURATION(S) AND LENGTHS. (CONSULT FACTORY FOR LONGER FLEXIBLE SHAFTS IF REQUIRED.)

D. FAN BRUSH:

The fan brush is recommended for removing debris in round, rectangular and square ducts. It both loosens and propels deposits down the duct towards the vacuum.

FDB-212: Fan Brush, 203,2 mm - 457,2 mm.

E. DUCT BRUSH:

Soft nylon duct brushes are recommended for removing debris in round ducts.

- DUCT-04:** Duct Brush, 101,6 mm.
- DUCT-06:** Duct Brush, 152,4 mm.
- DUCT-08:** Duct Brush, 203,2 mm.
- DUCT-10:** Duct Brush, 254,0 mm.
- DUCT-12:** Duct Brush, 304,8 mm.
- DUCT-14:** Duct Brush, 355,6 mm.
- DUCT-16:** Duct Brush, 406,4 mm.
- DUCT-18:** Duct Brush, 457,2 mm.

F. FLARE BRUSH: The flare brush is recommended for removing debris in round ducts.

FBT-502: Flare Brush for ducts 101,6 mm - 203,2 mm I.D.

G. OXINE®: This EPA-registered chemical sprayed into a duct using the AQ-FG Fogger, kills any residual mold, bacteria, mildew, viruses, fungi, algae, and any other "living" matter. It is recommended for its low toxicity and safety and does not leave an active chemical residue. (A 1 pint bottle will sanitize a 5-ton system four times.)

AQ-OX-Q: Oxine, 473 ml bottle.

H. FRESHDUCT: Air ducts are often sources of odors caused by smoke, pets, cooking, spoilage and other agents. FreshDuct is specially formulated to control odors gently, but effectively. Its non-toxic, biodegradable formula encapsulates and destroys odor causing molecules on contact, while time releasing a fresh fragrance, freshening and deodorizing the interiors of both, lined and unlined ducts.

FRESHDUCT-SPRAY: FreshDuct, 397 gram ready-to-use aerosol can.

FRSHDCT-15OZ: FreshDuct, 425 gram concentrate bottle.

FRSHDCT-05: FreshDuct, 19 liter concentrate bottle.

VIDEO INSPECTION SCOPES AND TUBE LEAK DETECTOR

Flexible Probe Less Than 10,2 mm Diameter



VS-B-10/30

FEATURES

- 307,200 pixels CMOS image sensor
- 63,5 or 89 mm LCD color monitor (depending on model)
- 6 high intensity white LED's
- Flexible image probe
- 53° field of view
- 90° right angle mirror adapter
- Waterproof probe
- Shock resistant optics
- Compatible with SD Card

VS-B-30: Industrial Video Scope, including flexible 9,1 m probe with a 720 x 640 pixels CMOS image sensor, 53° field of view and 6 LED lights, 90° right angle mirror adapter, monitor with mini USB 1.1/2.0 port 4 GB SD card, cables and carrying case.

Note: Also records audio notes.

	VS-B-10
Power	Built-in rechargeable Li-ion battery
Illumination	6 LED's
Focal Length	20mm - 70mm
Viewing Direction	Standard 0° or 90°
Minimum Radius	50,8 m
Image Transfer	RCA cable
Resolution	Full HQ 720 x 640 pixels
Interface	USB 1.1/2.0
Still Image Recording Format	JPEG
Video Recording Format	MPEG4/ANI
Operating Temperature	-20° C - 60 °C
Dimensions	Probe: 3 m or 8 m long; Screen: 88.9 mm digital LCD display
Weight	Monitor: 0.5 Kg; 9 m Probe: .5 Kg; 3 m Probe: 2 Kg



FEATURES

- Visible pressure gauges
- Multiple seal sizes
- Quick Connect fittings
- Rugged construction
- Compact

	LD-2X2
Tube Size Range	19,1 to 25,4 mm I.D.
Air Requirements	Maximum 6,9 BAR at 25 m3/h
Dimensions	230 mm (H) x 265 mm (W) x 70 mm (D)
Weight	0,9 Kg (Per Gun)

LD-2X2

Find Leaks Fast

If your heat exchanger, chiller or condenser tubes have a leak, you might as well be throwing money out the window. Even small leaks can substantially undermine system efficiency. To make matters worse, leaks are often downright impossible to find for even seasoned HVAC technicians. The LD-2X2 is the professional solution for checking optimal tube condition. It performs under pressure, so you don't have to.

LD-2X2: Tube Leak Detector Kit, including two pneumatic guns and carrying case.

Note: Seals not included. Order Seal Kit below.

SEAL KITS:

LDW-075: Seal Kit with two seals for tubes 19,1 mm O.D., 16 to 18 gauge and two seals for tubes 19,1 mm O.D., 19 to 22 gauge.

LDW-078: Seal Kit with two seals for tubes 22,2 mm O.D., 16 to 18 gauge and two seals for tubes 22,2 mm O.D., 19 to 22 gauge.

LDW-100: Seal Kit with two seals for tubes 25,4 mm O.D., 16 to 18 gauge and two seals for tubes 25,4 mm O.D., 19 to 22 gauge.

OPTIONAL:

LDA-058A: Adapter Assemblies (two) for tubes 15,9 mm O.D., 16 to 18 gauge (one for each gun).

LDA-058B: Adapter Assemblies (two) for tubes 15,9 mm O.D., 19 to 22 gauge (one for each gun).

LD2X2-EXTENSION-24": 609,6 mm Leak Detector Extension Tubes, set of two. Available in 304,8 mm- 1219 mm



HIGH-VOLUME CONDENSER CLEANING GUN



QS-300

Prevents Blow-Back

Load one of our high-quality projectiles into the tube then pull the power-assisted easy-pull trigger. The unit's in-line pressurized water system hurls projectiles through deposits with ease – you're left with an astonishingly clean tube in a matter of seconds.

Engineered with the user in mind, the Quick Shot® has industry-leading technology that safely discharges pressurized water and air through a state of the art Pressure Relief System. Pressurized liquid is safely diverted through the venting mechanism and directed back at the tube sheet. Quickly avoid the risk of injury and move on to the next tube – all in a matter of seconds.

QS-300: Quick Shot Condenser Tube Cleaning Gun including safety shield, hoses, tapered nozzle and carrying case.



FEATURES

- Compact
- Automatic pressure relief system
- Power-assisted trigger
- Rugged construction

QS-300	
Application	Smooth Bore Tubes
Tube Size Range	15,9 mm to 38 mm O.D.
Air Requirements	3,4 to 10,3 BAR at 85 m3/h
Water Requirements	Maximum 10,3 BAR at 19 LPM
Special Features	Air Powered Water Flush
Hoses	3 m Air and 3 m Water
Dimensions	230 mm Long
Weight	1,4 Kg, Net Dry

OPTIONAL:

QA-1051: Replacement Nozzle.

QA-1051-12: Extension Nozzle, 305 mm long.

QSP-1212: Mesh Tarp, 3,7 m high x 3,7 m wide.

TH: Tarp Holder, 15,9 mm, 19,1 mm, 22,2 mm or 25,4 mm, 16 to 18 or 19 to 22 gauge (specify size).



WE'RE ABOUT TO MAKE YOUR JOB EASIER



CE

U.S. PATENT
NO. 8,146,193

FEATURES

- One- or two-handed use
- Rugged ABS outer shell
- Air-assisted trigger
- Removable aluminum shoulder stock
- Compact, ergonomic design
- Easily interchangeable nozzles
- Clear, removable splash shield
- Reliable cleared tube indicator
- Flow rate up to 190 LPM
- Internal vacuum break

OPTIONAL:

BSL-NOZZLE: Replacement Nozzle.

BSL-OFFNOZ: 45° Nozzle.

QA-1383: Replacement Shield.

QSP-1212: Mesh Tarp,
3,7 m high x 3,7 m wide.

TH: Tarp Holder, 15,9 mm, 19,1 mm, 22,2 mm or 25,4 mm, 16 to 18 or 19 to 22 gauge (specify size).



BSL-50

Reduces Fatigue

Cleaning tubes can take a toll on you. That's why you need a gun for your high-volume tube cleaning jobs. The BSL-50's air assisted trigger requires an incredible 90% less effort for firing projectiles – what a difference when you have thousands of tubes to clean! An easy-to-attach, padded aluminum shoulder stock provides added leverage when you need it. There's no bulky pressure gauge on the BSL-50. The simple "cleared tube" indicator reliably shows when the projectile has exited the tube. But don't let all this comfort fool you, with a flow rate of up to 190 LPM, the BSL-50 Big Shot cleans tubes faster than ever.

BSL-50: Big Shot® Condenser Tube Cleaning Gun with quick connect fittings and case for use with BFP-3510 Big Shot and other tube shooting machines.



BSL-50	
Application	Smooth Bore Tubes
Tube Size Range	15,9 mm to 38 mm O.D.
Air Requirements	6,2 to 10,3 BAR at 1,7 m ³ /h
Water Requirements	Maximum 41 BAR at 190 LPM
Special Features	Air Powered Water Flush Quick Connect Hose Fittings
Hoses	3 m Air and 3 m Water
Dimensions	300 mm Long (560 mm Long with Shoulder Stock)
Weight	1,8 Kg, Net Dry (2,3 Kg with Shoulder Stock)

CALLING ALL POWER PLANT PROFESSIONALS

CLEANS THE
TOUGHEST
DEPOSITS



CE

FEATURES

- Two gun pump*
- Comfort grip guns
- Rugged construction
- Up to 28 BAR
- *ALTERNATING PROJECTILE SHOTS.

BSL-50 (OPTIONAL), NOT INCLUDED SOLD SEPERATELY

BFP-3510

Application	Smooth Bore Tubes
Tube Size Range	15,9 mm to 38 mm O.D.
Motor Power	7,5 kW
Input Power	26 Amps, 230 V, 50/60 Hz AC, Three Phase Optional 13 Amps, 460 V, 50/60 Hz AC, Three Phase; or 12 Amps, 380 V, 50/60 Hz AC, Three Phase
Power Supply Cord	7,6 m, 12-4
Water Requirements	1,4 to 4,8 BAR at 132 LPM
Output Water Pressure	19 to 28 BAR at 132 LPM
Hoses	50 mm x 15,2 m Inlet and 20 mm x 15,2 m Outlet
Pump	Triplex Plunger in Oil Bath
Dimensions	1016 mm (H) x 813 mm (W) x 1524 mm (D)
Weight	272 Kg, Net Dry

BFP-3510-230-R1: Big Shot Tube Cleaning System, including hoses with one reel, and cart.

BFP-3510-230-R2: Big Shot Tube Cleaning System, including hoses with two reels, and cart.

OPTIONAL:

QSP-1212: Mesh Tarp, 3,7 m high x 3,7 m wide.



TH: Tarp Holder, 15,9 mm, 19,1 mm, 22,2 mm or 25,4 mm, 16 to 18 or 19 to 22 gauge (specify size).



Carbon Steel Super Scrubbers

Goodway Carbon Steel Super Scrubbers are the most advanced tube cleaning projectiles available. They come equipped with either high tensile carbon steel blades and resilient nitrile bushings. Each reusable projectile is color-coded to size and features a patented force adjustment, preset by the factory, to match both the type of deposit and the tube material. When shot with a BFP-3510 Big Shot Tube Cleaning System they provide the best method for removing hard deposits from power plant condenser tubes.

AVAILABLE IN U-TUBE VERSION



FEATURES

- Carbon steel blades
- Nitrile bushings
- Reusable
- Color-coded for easy identification

Carbon Steel Super Scrubbers are available for tubes 15,9 mm to 32 mm O.D. with BWG ranges 16 to 25.

TUBE CLEANING PROJECTILES

Tube Scrubbers

Goodway Tube Scrubbers are the ultimate design in tube cleaning devices. They are available in sizes to fit tubes 15,9 to 32 mm O.D. When shot with a QS-300 Quick Shot Tube Cleaning Gun they provide the fastest method for removing soft deposits from tubes.

FEATURES

- Seven scraping disks to prevent streaks
- Buoyant for easy cleaning and retrieval
- Color-coded for easy identification
- Reusable



All Tube Scrubbers are available in either soft or hard

material to cover the complete range of tube sizes and most tube cleaning conditions. In most cases hard Tube Scrubbers are recommended. On the lower end of the hard Tube Scrubber size range, in extreme conditions, the user may have to use soft Tube Scrubbers.

Bi-Directional Stainless Steel Tube Brushes

Goodway Bi-Directional Stainless Steel Tube Brushes provide a unique combination of aggressive brushing and wiping action. They are color coded for easy identification, feature stainless steel bristles set in a coil, and capped at both ends by three wiping blades. They are ideal for removing medium to hard deposits from condenser and component heat exchanger tubes.

FEATURES

- Bi-directional for easy loading
- Hybrid Design for maximum cleaning power
- Color-coded for easy identification
- Reusable
- Bi-directional Stainless Steel Tube Brushes are available for tubes 22,2 to 25,4 mm O.D. with BWG ranges 16-25

TUBE SCRUBBERS				
	PART NUMBER	COLOR	TYPE	TUBE I.D. RANGE (MM)
	TS-560-S TS-560	Yellow Yellow	Soft Hard	12,57 to 13,74 13,39 to 14,10
	TS-630-S TS-630	Brown Brown	Soft Hard	14,50 to 15,75 15,00 to 16,00
	TS-695-S TS-695	Red Red	Soft Hard	15,75 to 17,15 16,56 to 17,63
	TS-750-S TS-750	Purple Purple	Soft Hard	16,76 to 18,54 18,03 to 19,05
	TS-825-S TS-825	White White	Soft Hard	18,54 to 20,32 19,74 to 20,80
	TS-870-S TS-870	Green Green	Soft Hard	19,81 to 21,59 20,96 to 22,10
	TS-960-S TS-960-M TS-960	Blue Blue Blue	Soft Medium Hard	22,10 to 23,98 22,50 to 24,13 22,91 to 24,28
	TS-1100-S TS-1100	Black Black	Soft Hard	25,40 to 27,56 26,09 to 28,09
	TS-1250-S TS-1250	Gray Gray	Soft Hard	27,94 to 30,23 30,23 to 31,75

BI-DIRECTIONAL STAINLESS STEEL TUBE BRUSHES					
	PART NUMBER	PISTON COLOR	TUBE O.D.	GUAGE	TUBE I.D.
	CBSE-075-18	Black	19,05 mm	18	16,56 mm
	CBSE-075-20	Red	19,05 mm	20	17,27 mm
	CBSE-075-22	Blue	19,05 mm	22	17,63 mm
	CBSE-087-18	White	22,2 mm	18	19,74 mm
	CBSE-087-20	Red	22,2 mm	20	20,45 mm
	CBSE-087-22	Blue	22,2 mm	22	20,80 mm
	CBSE-100-16	Yellow	25,4 mm	16	22,10 mm
	CBSE-100-18	White	25,4 mm	18	22,91 mm
	CBSE-100-20	Red	25,4 mm	20	23,62 mm
	CBSE-100-22	Blue	25,4 mm	22	23,98 mm
	CBSE-112-18	Black	28,57 mm	18	26,08 mm
	CBSE-112-20	Red	28,57 mm	20	26,79 mm
	CBSE-112-22	Blue	28,57 mm	22	27,15 mm
	CBSE-125-18	Black	31,75 mm	18	29,26 mm
	CBSE-125-20	Red	31,75 mm	20	29,97 mm
	CBSE-125-22	Blue	31,75 mm	22	30,32 mm




IMPROVED
BRISTLES



TUBE CLEANING PROJECTILES

Nylon Coiled Brushes

Goodway Nylon Coiled Tube Brushes incorporate a revolutionary piston design. They feature durable nylon bristles set in a coil, wrapped around a wear resistant polymer core. Superior to wooden dowel cores, Goodway's piston design allows the brushes to be quickly inserted into the tubes and helps maximize the cleaning effectiveness of the bristles. They are ideal for removing soft to medium deposits from condenser and component heat exchanger tubes.

COILED BRUSHES					
	PART NUMBER	PISTON COLOR	TUBE O.D.	GUAGE	TUBE I.D.
	CB-062-18	White	15,9 mm	18	13,39 mm
	CB-075-18	White	19,1 mm	18	16,56 mm
	CB-075-20	Red	19,1 mm	20	17,27 mm
	CB-075-22	Blue	19,1 mm	22	17,63 mm
	CB-087-18	Yellow	22,2 mm	18	19,74 mm
	CB-087-20	White	22,2 mm	20	20,45 mm
	CB-087-22	Blue	22,2 mm	22	20,80 mm
	CB-100-16	Yellow	25,4 mm	16	22,10 mm
	CB-100-18	White	25,4 mm	18	22,91 mm
	CB-100-20	Red	25,4 mm	20	23,62 mm
	CB-100-22	Blue	25,4 mm	22	23,98 mm

FEATURES







- Piston design for maximum speed
- Color-coded for easy identification
- Reusable



Nylon Coiled Tube Brushes are available for tubes 15,9 to 32 mm O.D. with BWG ranges 16 to 22.

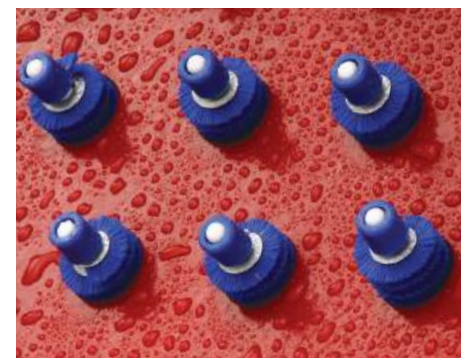
Bi-Directional Coiled Brushes

Goodway Bi-Directional Coiled Tube Brushes can be shot from either end. They are color coded for easy identification and feature durable nylon bristles set in a coil, wrapped around a wear resistant 75 mm polymer core. This design allows the brushes to be quickly inserted into the tubes, without regard to direction, and helps maximize the cleaning effectiveness and the life of the bristles. They are ideal for removing soft to medium deposits from condenser and component heat exchanger tubes.

BI-DIRECTIONAL COILED BRUSHES					
	PART NUMBER	PISTON COLOR	TUBE O.D.	GUAGE	TUBE I.D.
	CB3-087-18	White	22,2 mm	18	19,74 mm
	CB3-087-20	Red	22,2 mm	20	20,45 mm
	CB3-087-22	Blue	22,2 mm	22	20,80 mm
	CB3-100-16	Yellow	25,4 mm	16	22,10 mm
	CB3-100-18	White	25,4 mm	18	22,91 mm
	CB3-100-20	Red	25,4 mm	20	23,62 mm
	CB3-100-22	Blue	25,4 mm	22	23,98 mm
	CB3-112-16	Yellow	29 mm	16	25,27 mm
	CB3-112-18	White	29 mm	18	26,09 mm
	CB3-112-20	Red	29 mm	20	26,80 mm
	CB3-112-22	Blue	29 mm	22	27,15 mm
	CB3-125-16	Yellow	32 mm	16	28,45 mm
	CB3-125-18	White	32 mm	18	29,26 mm
	CB3-125-20	Red	32 mm	20	29,97 mm
	CB3-125-22	Blue	32 mm	22	30,33 mm
	CB3-137-16	Yellow	35 mm	16	31,62 mm
	CB3-137-18	White	35 mm	18	32,44 mm
	CB3-137-20	Red	35 mm	20	33,15 mm
	CB3-137-22	Blue	35 mm	22	33,50 mm
	CB3-150-16	Yellow	38 mm	16	34,80 mm
	CB3-150-18	White	38 mm	18	35,61 mm
	CB3-150-20	Red	38 mm	20	36,32 mm
	CB3-150-22	Blue	38 mm	22	36,68 mm

FEATURES

- Bi-directional for easy loading
- Color-coded for easy identification
- 75 mm long for larger cleaning surface
- Reusable
- Piston design for maximum speed



Bi-directional 75 mm Coiled Tube Brushes are available for tubes 22,2 to 38 mm O.D. with BWG ranges 16 to 22.

PNEUMATIC HOSE / TUBE CLEANING GUNS



U.S. PATENT NO. 6,631,531



SPEED LOAD PNEUMATIC HOSE/TUBE CLEANING GUN

JetLoad®

JL-5010: JetLoad Pneumatic Cleaning Gun Only.

JCL-3000: Adapter Ring for nozzles 4,7625 mm - 31,75 mm.

JL-5030: JetLoad Pneumatic Hose Cleaning Gun, including 9 standard hose nozzles and carrying case.

JCL-5030: JetLoad Pneumatic Hose Assembly Cleaning Gun, including 9 standard coupling nozzles and carrying case.

JLT-5030: JetLoad Pneumatic Tube Cleaning Gun, including 9 standard tube nozzles and carrying case.

FEATURES

- Hinged faceplate for easy loading of projectiles
- Trigger guard
- Quick Connect fittings
- Pressure relief valve to eliminate back pressure



U.S. PATENT NO. 6,631,531



PNEUMATIC HOSE/TUBE CLEANING GUN

JetLaunch®

JCL-2010: JetLaunch Pneumatic Cleaning Gun Only.

JCL-3000: Adapter Ring for nozzles 4,7625 mm - 31,75 mm.

JCL-2030: JetLaunch Pneumatic Hose Cleaning Gun, including 9 standard hose nozzles and carrying case.

JIL-2030: JetLaunch Pneumatic Hose Assembly Cleaning Gun, including 9 standard coupling nozzles and carrying case.

JCL-2060: JetLaunch Pneumatic Tube Cleaning Gun, including 9 standard tube nozzles and carrying case.

FEATURES

- Trap door for quick loading of projectiles
- Trigger guard
- Quick Connect fittings
- Pressure relief valve to eliminate back pressure



JetLaunch®-XL

JetLaunch-XL: JetLaunch Pneumatic Cleaning Gun, nozzle and carrying case.

PNEUMATIC HOSE/TUBE CLEANING GUN FOR TUBES 50 TO 114 MM



	JETLOAD®	JETLAUNCH®	JETLAUNCH®-XL
Air Requirements	Minimum 4,1 BAR Maximum 6,9 BAR	Minimum 6,2 BAR Maximum 8,3 BAR	Minimum 6,2 BAR Maximum 10,3 BAR
Dimensions	203 to 254 mm long (depending on nozzle)	75 to 130 mm long (depending on nozzle)	304 to 279 mm long (depending on nozzle)
Weight	0,8 Kg	0,7 Kg	3,2 Kg
Optional Carrying Case	410 mm (H) x 460 mm (W) x 530 mm (D)	410 mm (H) x 460 mm (W) x 530 mm (D)	381 mm (H) x 508 mm (W) x 139 mm (D)

PNEUMATIC HOSE / TUBE CLEANING NOZZLES

Nozzles for JetLoad®, JetLaunch® and JetLaunch® XL

NOZZLES:

Nozzles are available for cleaning any tube, pipe or hose 4,76 - 50 mm I.D. Hose nozzles are tapered to fit inside the ends of hoses. Tube nozzles are designed to butt up against the ends of tubes and pipes for complete end to end cleaning. JIC nozzles are available for thorough cleaning of hoses with attached couplings.



PART NUMBER	FOR HOSE I.D.
JCN-2100	6,3 mm
JCN-2120	9,4 mm
JCN-2130	12,7 mm
JCN-2140	15,7 mm
JCN-2150	19,05 mm
JCN-2160	24,4 mm
JCN-2170	31,75 mm
JCN-2180	38,1 mm
JCN-2190	50,8 mm

PART NUMBER	FOR TUBE/PIPE O.D.
JCN-02505	6,3 mm
JCN-03705	9,4 mm
JCN-05010	12,7 mm
JCN-06207	15,7 mm
JCN-07508	19,05 mm
JCN-10012	24,4 mm
JCN-12512	31,75 mm
JCN-15012	38,1 mm
JCN-20012	50,8 mm

FAST EFFECTIVE, TO ISO 13/10 LEVELS, EXPERIENCE THE POWER OF PNEUMATIC

Our results were excellent. One shot was usually all it took to clean a hose, with a few more required for severely fouled situations. Because of this success, we now have a JetLaunch® in each branch shop and on every service truck.

– J. Palmer Clarkson



PROJECTILE SHOT THROUGH
HYDRAULIC HOSE



PROJECTILE SHOT THROUGH HYDRAULIC
HOSE WITH COUPLINGS

Standard Projectiles

Goodway's Standard Projectiles are specially formulated for use with any pneumatic gun. As a projectile is shot, it is compressed, loosening and propelling dirt and deposits through the hose, tube or pipe. Projectiles are oversized to ensure proper compression for maximum cleaning action.

Note: Abrasive projectiles and custom sizes available.

PART NUMBER	HOSE I.D.	QUANTITY
JR-09	6,35 mm	100
JR-10	6,35 mm	100
JR-12	7,9375 mm	100
JR-14	9,525 mm	100
JR-16	11,1125 mm	100
JR-18	12,7 mm	100
JR-20	14,2875 mm	100
JR-22	15,875 mm	100
JR-26	19,05 mm	50
JR-28	20,6375 mm	50
JR-30	22,225 mm	50
JR-33	25,4 mm	50
JR-36	28,575 mm	50
JR-38	28,575 mm	50
JR-40	31,75 mm	50
JR-45	34,925 mm	25
JR-50	38,1 mm	25
JR-55	44,45 mm	25
JR-60	50,8 mm	25
JR-65	57,15 mm	25
JR-70	63,5 mm	25
JR-75	69,85 mm	25
JR-80	76,2 mm	25
JR-85	82,55 mm	25
JR-90	88,9 mm	25
JR-95	95,25 mm	25
JR-100	101,6 mm	25
JR-106	107,95 mm	25
JR-110	111,125 mm	25
JR-115	114,3 mm	25
JR-120	120,65 mm	25

Coupling Projectiles

Goodway's Coupling Projectiles are made from a soft, dense packed foam, designed to allow the projectile to be shot through a hose, tube or pipe with couplings.

Note: Abrasive projectiles and custom sizes available.

PART NUMBER	HOSE I.D.	QUANTITY
JC-09	6,5 mm	100
JC-10	7,9375 mm	100
JC-12	7,9375 mm	100
JC-14	9,525 mm	100
JC-16	177,8 mm,	100
JC-18	12,7 mm	100
JC-20	14,2875 mm	100
JC-22	15,875 mm	100
JC-26	19,05 mm	50
JC-30	22,225 mm	50
JC-33	25,4 mm	50
JC-40	31,75 mm	50
JC-50	38,1 mm	25
JC-55	44,45 mm	25
JC-60	50,8 mm	25
JC-65	57,15 mm	25
JC-70	63,5 mm	25
JC-75	69,85 mm	25
JC-80	76,2 mm	25
JC-85	82,55 mm	25
JC-90	88,9 mm	25
JC-95	95,25 mm	25
JC-100	101,6 mm	25
JC-106	107,95 mm	25

DRY STEAM CLEANERS

COMPARISON CHART



	GVC-18000	GVC-36000	GVC-1502
Input Power	22 amps, 480V, 60 Hz AC, three phase Maximum 18,000 W	53 amps, 480V, 60 Hz AC, three phase. Maximum 36,000 W	13 amps, 115V, 50/60 Hz AC, Maximum 1,500 W
Power Supply Cord	10 m, 10-4	10 m, 6-4	4.27 m, 14-3
Output Steam Pressure	Adjustable, 0-10 BAR	Adjustable, 0-10 BAR	Adjustable, 0-6,2 BAR
Output Steam Temperature	143° C	149° C	143° C
Output Steam Volume	27 k/hr	53,5 k/hr	—
Hose	10 m, with pistol grip	10 m, with pistol grip	2.4 m, with pistol grip
Wand	One 508 mm and one 1016 mm single-piece	One 508 mm and one 1016 mm single-piece	965 mm two-piece
Boiler(s)	Two 9 liters stainless steel	Four 9 liters stainless steel	3 liters stainless steel
Water Tank	40 liters stainless steel	40 liters stainless steel	5 liters
Chemical Injection	Direct, four level electronic regulation	Direct, four level electronic regulation	Direct
Special Features	Continuous steam at 26-34 liters /hour. Adjustable mixture content at 5-15%	Continuous steam at 51-66 liters/hour. Adjustable mixture content at 4-15%	Continuous dry steam
Wet Capacity	—	—	—
Dimensions	1118 mm (H) x 711 mm (W) x 1041 mm (D)	1219 mm (H) x 711 mm (W) x 1092 mm (D)	940 mm (H) x 330 mm (W) x 533 mm (D)
Weight	88 Kg, Net Dry	102 Kg, Net Dry	26 Kg, Net Dry



A FASTER WAY TO GET A GREASE, GRIME AND GERM-FREE PRODUCTION FACILITY



DRY STEAM CLEANER SYSTEMS



GVC-18000 Continuous Steam Power

The GVC-18000 dry steam cleaner is ideal cleaning equipment for food and beverage production facilities. The machine makes cleaning and sanitizing production and packaging equipment easier, all thanks to its powerful dry steam.

Our system delivers high pressure up to 9,9 BAR and heat up to 143,3°C to break down soils like fats, sugars, heavy buildup, and allergens on contact helping you to consistently deliver the results you need as part of your plant SSOPs. It also helps to kill yeast, mold, pathogenic bacteria, and other dangerous or spoilage microorganisms.

Plus, dry steam cleaning provides the benefit of targeted cleaning in dry environments, water sensitive equipment, hard to reach areas, and other challenging applications where traditional dry cleaning methods simply can't produce the results you need.

GVC-18000: Heavy-Duty Dry Steam Cleaner, including 10m hose with pistol grip, one-piece 508 mm wand with detail lance, one-piece 1016 mm wand with detail lance, short detail lance, four 57,1 mm circular nylon brushes, four 57,1 mm circular brass brushes, four 57,1 mm circular stainless steel brushes, four 38,1 mm circular nylon brushes, four 38,1 mm circular brass brushes, four 38,1 mm circular stainless steel brushes, four circular nylon scrubbing brushes, four circular brass scrubbing brushes, four circular stainless steel scrubbing brushes, multi-brush tool, safety glasses, two chemical tanks and a 1 gallon bottle of cleaner



93-BRUSH: We offer a variety of brushes, including our color coded brush system. These brushes work with the GVC-18000, GVC-36000.



IDEAL FOR:

- Conveyor framework
- Flow wrappers & baggers
- Slicers
- Sandwich joints & niche areas
- Motors, conduit, electrical wiring
- Chains
- Diamond plate steps and catwalks
- Conveyor Belts (with automated attachments)

36,000 and 72,000 Watt units also available.

FEATURES

- Stainless steel construction
- In operation refillable water tank
- Continuous fill hose connection
- Stainless steel boilers and water tank
- Adjustable dry steam volume
- Steam output at 26,4-34 liters/hour (depending on moisture content)
- Adjustable moisture content from 5-15%
- Four chemical-injection settings
- Simultaneous vacuum option available
- Multiple cleaning tools

GVC-18000

Input Power	22 amps, 230V, 480V, 575V, 50/60 Hz AC, three phase Maximum: 18-KW. Optional: 380V and 230V
Power Supply Cord	10 m, 10-4
Max. Output Steam Pressure	0-10 BAR
Max. Output Steam Temperature	143°C
Boilers	Two 9 liters stainless steel
Output Steam Volume	27 k/hr
Water Tank	40 liters stainless steel
Chemical Tanks	Two 4,9 liters
Dimensions	(1118 mm (H) x 711 mm (W) x 1041 mm (D))
Weight	88 Kg net dry

Smooth Hoses

Reach new heights of sanitation performance with our sanitary hoses for Goodway dry steam systems.

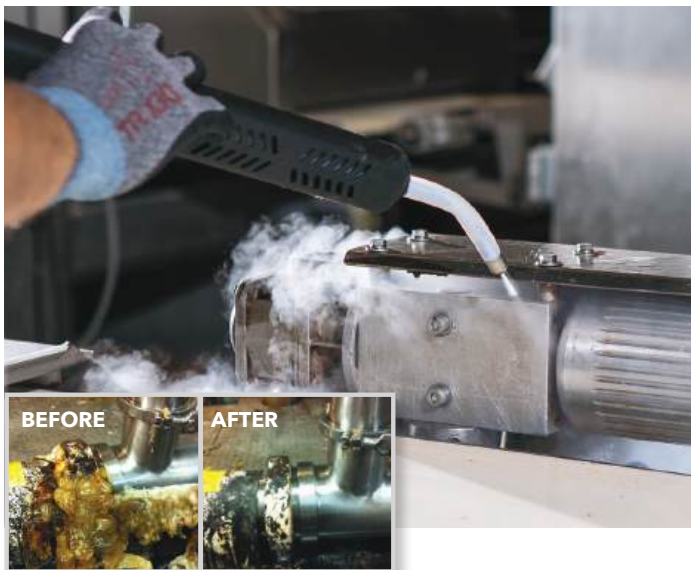


9385-SMOOTH 10m Dry Steam Hose/Gun Assembly for GVC-18000 (Before 2019) with Easy-Clean Smooth Casing.

*See goodway.com for more sizes.



GOODBYE TO DIRT, BACTERIA AND ALLERGENS!



GVC-36000

Heavy-Duty Power with Superior Results

We've paired the convenience of mobility with the power one would expect from a stationary unit. Take on virtually any large scale cleaning project with nearly 0,9 liter of dry saturated steam per minute.

On demand, industrial strength dry steam eliminates bacteria, viruses and microorganisms. Reduce cleaning time and lower production down time. Clean your facility to the highest level of hygiene available in the cleaning industry. Powerful enough for production lines, yet gentle on machinery and electronics.

- Bakery
- Candy & Confectionery
- Chemical Processing
- Dairy
- Dry Ingredients
- Meat & Poultry Processing
- Pharmaceutical Production
- Produce
- Seafood
- Winery & Brewery

GVC-36000: Heavy-duty dry steam cleaner, including 10 m hose with pistol grip, one-piece 508 mm wand with detail lance, one-piece 1016 mm wand with detail lance, short detail lance, four 57,1 mm circular nylon brushes, four 57,1 mm circular brass brushes, four 57,1 mm circular stainless steel brushes, four 38,1 mm circular nylon brushes, four 38,1 mm circular brass brushes, four 38,1 mm circular stainless steel brushes, four circular nylon scrubbing brushes, four circular brass scrubbing brushes, four circular stainless steel scrubbing brushes, multi-brush tool, safety glasses, four chemical tanks and a 3,7 liters bottle of cleaner



CE



FEATURES

- Stainless steel construction
- In operation refillable water tank
- Continuous fill hose connection
- Stainless steel boilers and water tank
- Adjustable dry steam volume
- Steam Output at 63,6 to 81,8 liters/hr (depending on moisture content)
- Adjustable moisture content from 5-15%
- Four chemical injection settings
- Multiple cleaning tools

GVC-36000

Input Power	46 amps, 460-480V, 60 Hz AC, three phase. Maximum: 36-KW Optional: 380V and 230V
Power Supply Cord	10 m, 6-4
Max. Output Steam Pressure	Adjustable 0-10 BAR
Max. Output Steam Temperature	143°C
Output Steam Volume	53,5 k/hr
Boilers	Four 9 liters stainless steel
Water Tank	40 liters stainless steel
Chemical Tanks	Two 4,9 liters
Dimensions	(1219 mm (H) x 711 mm (W) x 1092 mm (D))
Weight	102 Kg net dry



PUREBELT® - Fixed Clean-in-Place Solution

If your facility uses flat belt conveyors, the PUREBELT® fixed brushless system is the solution to increase cleaning and sanitation performance. This system is designed to be permanently affixed to your conveyor belt framing to deliver clean-in-place (CIP) cleaning of flat conveyor belts and is helpful in various production environments, including dry clean environments like bakeries, snack plants, confectionery plants, and sensitive industrial settings. The PUREBELT® fixed systems reduce production downtime and labor costs by automating flat conveyor belt cleaning.

A PUREBELT® fixed brushless conveyor belt system continuously cleans conveyor belts during production - leaving rollers and structure of the conveyor clean, greatly reducing the time needed for sanitation/changeovers. It uses the power of "dry" steam to clean and sanitize using 90% less water than other cleaning methods. Vacuum extraction quickly removes soils like sugars, fats, oils, allergens, and more, leaving belts dry and clean.

FEATURES

- Clean-in-place solution reduces labor costs
- Removes soils, pathogens, and allergens from belt surfaces
- Sanitary design maintains cleanliness
- Permanent fixture for cleaning during production
- Integrated vacuum port for debris extraction

PUREBELT® Fixed Conveyor Cleaning System:

Reduce cleaning time, remove allergens, and extend production time. Unique conveyor belt cleaning system cleans flat, solid belts in place automatically with dry steam and vacuum extraction, leaving belts clean, dry, sanitized and allergen free.



PUREBELT® - Portable

Designed for cleaning flat conveyor belts, the Goodway® PUREBELT® portable brushless system is a fully portable cleaning system for use across multiple production lines. This system is available in various sizes and is designed to deliver clean-in-place (CIP) cleaning of flat conveyor belts in dry clean environments like bakeries, snack plants, confectionery plants, and sensitive industrial settings. The PUREBELT® portable systems reduce production downtime and labor costs by automating flat conveyor belt cleaning.

A PUREBELT® portable brushless conveyor belt system continuously cleans conveyor belts using dry steam - using 90% less water than traditional cleaning methods. Vacuum extraction quickly removes soils like sugars, fats, oils, allergens, and more, leaving belts dry and clean.

PUREBELT® Portable Conveyor Cleaning System:

Reduce cleaning time, remove allergens, and extend production time. Unique conveyor belt cleaning system cleans flat, solid belts in place automatically with dry steam and vacuum extraction, leaving belts clean, dry, sanitized and allergen free.



PUREBELT® MODULAR BELT CLEANING SYSTEM



PUREBELT® - Modular Clean-in-Place Solution

The patented PUREBELT® Modular Conveyor cleaning system offers the most advanced cleaning technology for mesh-style plastic or metal belts. This system uses high-temperature dry steam to clean belts effectively and safely, conserving 90% more water than other cleaning methods. Using the innovative spinning steam head, conveyor belts are quickly cleaned of soils, sugars, fats, and allergens, leaving belts ready for immediate production. You can use the system across multiple belts in your facility, and it can be sized to fit your exact conveyor dimensions.

The PUREBELT® modular cleaning system features an intuitive and easy-to-use software interface that lets you customize cleaning patterns and techniques based on the belts in your production facility. Additionally, special sensors automatically determine belt motion, optimizing cleaning performance based on conveyor belt speed. Lastly, this system has been proven to eliminate yeast and mold from product contact surfaces, and is fully "dry cleaning".

FEATURES

- Powerful, easy-to-use software for optimal cleaning control
- Clean-in-place solution reduces labor costs
- Meets IP65 washdown specifications
- Removes soils, pathogens, and allergens from belt surfaces
- Sanitary design maintains cleanliness

PUREBELT® Modular Conveyor Cleaning System: Reduce cleaning time, remove allergens, and extend production time. Unique conveyor belt cleaning system cleans mesh-style plastic or metal belts. Leaves belts clean, dry, sanitized and allergen free.

CE

.....
Your tech support, service department is 2nd to no-one. Their communication skills and follow up were great." - **Bob K**
.....

USE FOR:

- Bakery & Snack Conveyors
- Dry & Powdered Ingredient Processing Conveyors
- Sesame Seeds Allergen Conveyor Cleaning
- Allergen Cleaning on Conveyors

EVAN REYES

Global Director of Sales - Sanitation Division

ereyes@goodway.com
800-243-7932 ext. 6309

Or visit goodway.com to connect with a sales representative in your area

FREE DEMOS ARE AVAILABLE*



*Includes: GVC-18000, GVC-36000, GVC-72000, belt cleaning systems and BioSpray systems.

INDUSTRIAL VACUUMS



INDUSTRIAL VACUUMS



	VAC-2A	VAC-3A	DV-3-SSH	VAC-2-HEPA
Motor(s)	Twin	Triple	Triple	Twin
Motor Power	1,9 kW (total)	2,9 kW (total)	2,2 kW (total)	2 kW (Total)
Input Power	Standard: 13 amps, 115V, 50/60 Hz AC Optional: 6.5 amps, 230V, 50/60 Hz	10 amps, 230V, 50/60 Hz AC	18.2 amps, 115V, 50/60 Hz AC	Standard: 13 Amps, 115 V, 50/60 Hz AC; Optional: 6,5 Amps, 230 V, 50/60 Hz AC
Power Supply Cord	11,2 m, 14-3	11,2 m, 14-3	9,1 m, 12-3	11,3 m, 14-3
Air Requirements	-	-	-	-
Air Line	-	-	-	-
Static Water Lift	1676,4 mm	1676,4 mm	2057,4 mm	1676,4 mm
Air Displacement	305,8 m³/h	416 m³/h	485 m³/h	255 m³/h
Filtration	15 microns polypropylene and 15 microns dacron	15 microns polypropylene and 15 microns dacron	3 microns polyester pocket and 0.3 microns HEPA	5 microns paper, 5 microns paper and 0,3 microns HEPA
Tank	56,7 liter stainless steel tank, or 113,5 or 208,1 liter bonderized steel drum	56,7 liter stainless steel tank, or 113,5 or 208,1 liter bonderized steel drum	60,5 liter stainless steel	75,7 liters stainless steel
Dry Capacity	52,9 liter	52,9 liter	60,5 liter	18,9 liters
Wet Capacity	37,8 liter	37,8 liter	-	45,4 liters
Noise Level	78 dBA	78 dBA	78 dBA	74 dBA
Special Features	-	-	HEPA filter Detachable roll-out collection tank	HEPA filter Disposable collection bag
Dimensions	381 mm tank x 914,4 mm high (VAC-2-15SS)	381 mm tank x 914,4 mm high (VAC-3A-15SS)	63.5 mm diameter tank x 1244,6 mm (H)	1016 mm (H) x 381 mm (D)
Weight	11,3 Kg (head only) and 29,9 Kg (VAC-2-15SS)	13,1 Kg (head only) and 31,7 Kg (VAC-3A-15SS)	65,7 Kg	29 Kg



INDUSTRIAL VACUUMS



	DV-E3	DV-Z75	AV-1200-15SS
Motor(s)	Triple	Single	Pneumatic Venturi
Motor Power	3,4 kW (Total)	3.3 kW (Total)	—
Input Power	Standard: 13 Amps, 230 V, 50/60 Hz AC; Optional: 22,5 Amps, 115 V, 50/60 Hz AC	Standard: 14 amps, 230V, 50/60 Hz AC, three phase; Optional: 7 amps, 460V, 50/60 Hz, three phase	—
Power Supply Cord	9,1 m, 14-3	30', 14-4	—
Air Requirements	—	-	Minimum 3,4 BAR at 59 m³/h, Maximum 6,2 BAR at 85 m³/h
Air Line	—	-	12,7 mm I,D, or larger
Static Water Lift	2286 mm	100"	4318 mm at 6,2 BAR
Air Displacement	600 m³/h	369 m3/h	212 m3/h at 6,2 BAR
Filtration	Standard: 3 microns polyester pocket; Optional: 1 micron anti-static pocket and 0,3 microns HEPA	Standard: 1 micron polyester pocket Optional: 0.3 microns HEPA	15 microns polypropylene and 15 microns dacron
Pump Flow	-	-	—
Tank	102,2 liters bonderized steel	27 gallons bonderized steel	57 liters stainless steel
Dry Capacity	102,2 liters	27 gallons	53 liters
Wet Capacity	98,4 liters	26 gallons	38 liters
Noise Level	78 dBA	77 dBA	84 dBA
Special Features	External filter shaker Roll-out tank	Continuous dry blower motor External filter shaker Roll-out tank	Air Powered
Dimensions	1524 mm (H) x 521 mm (D)	20 1/2" diameter tank x 63" high	914 mm (H) x 381 mm (D)
Weight	82 Kg	275 lbs	26 Kg



EXPLOSION PROOF VACUUMS



	VAC-EX-120-9-SS	DV-AV-9-EX	DV-AV-EP & DV-AV9-EX	VAC-EX-120-25SS	VAC-EX-AV-25SS
Motor(s)	Single	–	–	Single	–
Motor Power	1,2 kW	–	–	0,97 kW	–
Input Power	Standard: 10.5 Amps, 115 V, 60 Hz	–	–	Standard: 9 amps, 120 V, 60 Hz AC	–
Power Supply Cord	10,7 m	–	–	12,2 m, 14-3	–
Air Requirements	–	Minimum: 3,5 BAR at 59 m³/h, Maximum: 6,2 BAR at 85 m³/h	Minimum: 3,4 BAR at 59 m³/h, Maximum: 6,2 BAR at 85 m³/h	–	5,5 BAR at 68 m³/h
Air Line	–	12,7 mm	12,7 mm I,D, or larger	–	12,7 mm I,D, or larger
Static Water Lift	2413 mm	4064 mm at 6,2 BAR and 85 m³/h	4064 mm at 6,2 BAR	1778 mm	4572 mm at 19,3 BAR and 68 m³/h
Air Displacement	170 m³/h	212 m³/h at 6,2 BAR and 85 m³/h	212 m³/h at 6,2 BAR	225 m³/h	187 m³/h at 5,5 BAR and 68 m³/h
Filtration	0.3 microns HEPA 99.99%	1 micron an anti-static pocket and 0,3 micron HEPA	1 micron anti-static pocket	HEPA 99,995% at 0,3 micron	HEPA 99,995% at 0,3 micron
Tank	34 liters stainless steel	34 liters stainless steel	56,8 liters stainless steel	94,6 liters stainless steel	94,6 liters stainless steel
Dry Capacity	34 liters	34 liters	56,8 liters	60,5 liters	60,5 liters
Wet Capacity	–	–	–	64,3 liters	64,4 liters
Noise Level	74 dBA	76 dBA	74 dBA	75 dBA	70 dBA
Special Features	CSA US Certified	Air powered External filter shaker	Air powered External filter shaker Roll-out tank	–	–
Dimensions	1270 (H) x 495 mm (D)	1295 mm (H) x 381 mm (D)	1626 mm (H) x 520 mm (D)	1092 mm (H) x 686 mm (D)	1168 mm (H) x 762 mm (D)
Weight	40,8 Kg	44 Kg	60 Kg	45 Kg	40 Kg



THE FOOD PROCESSOR'S HEPA VACUUM



DV-3-SSH

High Flow. High Lift.

Ideal for the dry food processing industry, the DV-3-SSH stainless steel HEPA vacuum features three heavy-duty motors, delivering an airflow of 486 m³/h and 205mm of static water lift. Vacuumed dry debris passes through a 3 micron efficient polyester pocket filter with expanded surface area and then through a HEPA certified 0.3 micron cartridge filter. Collected material is held in a 53 liters stainless steel tank.

This rugged vacuum is available with a variety of accessories. It is the perfect choice for the recovery of fine dry material like whey, cheese, flour, sugar, tea and coffee dust.

Visit goodway.com

COLOR CODED
DUSTING BRUSHES

CE

FEATURES

- Three heavy-duty motors
- Large HEPA filter
- Reusable pocket pre-filter
- Detachable roll-out stainless steel collection tank
- External filter shaker
- Tool basket
- 38.1mm, 50.8mm or 76.2 hoses

CARBON FIBER VACUUM ACCESSORY KITS

These lightweight kits include an anti-static carbon-fiber wand and other versatile attachments that help clean walls, overhead beams, piping, and other hard-to-reach areas. Simple to use and attachments can be changed quickly and easily to save time and reduce costs, with no extra equipment needed.



VAC-KIT-DIV2-D: (For DV vacuums), includes carry bag.

VAC-KIT-DIV2-T: (For VAC-EX, VAC-2, VAC-3, AV-1200, and GTC-540 vacuums), includes carry bag.

Visit www.goodway.com for more details!

DV-3-SSH: Industrial Dry HEPA Vacuum, including filters, external filter shaker, 60,5 liter detachable stainless steel tank, handles, casters and tool basket.

Note: Vacuum does not include accessories. Order accessories below or call or visit goodway.com for additional accessories.

DV-3-SSH	
Motor Power	3 HP (total)
Input Power	18.2 amps, 115V, 50/60 Hz AC
Power Supply Cord	9m, 12-3
Static Water Lift	205 mm
Air Displacement	486 m ³ /h
Filtration	3 microns polyester pocket and 0.3 microns HEPA
Tank	60,5 liters stainless steel
Dry Capacity	60,5 liters
Noise Level	78 dBA
Dimensions	520,7 mm diameter tank x 1245 mm high
Weight	65,7 Kg

DOUBLE YOUR PERFORMANCE WITH TWIN MOTORS



CE certification only applies to VAC-2A 230v model.

VAC-2

Increased Suction

The VAC-2 features dual-motors for increased suction. Its power and versatility make it an ideal choice for a wide range of general shop cleanup tasks, from liquid recovery to picking up metal shavings. With specially designed adapter rings, the VAC-2 is compatible with 53 liter tanks or with 113,5 or 56,7 liter drums to suit the size of the cleanup jobs you encounter.

A wide array of options and configurations are also available to suit your unique applications.

ACCESSORIES:

VAC-KIT-9: 38,1 mm Industrial Vacuum Accessory Kit: 3,048 m Neoprene Wire Reinforced Hose, 101,6 mm Double Bend Wand, 1397 mm Extension Tube, 1,5 m Extension Tube, 355,6 mm Nylon Floor Brush, 355,6 mm Squeegee Floor Tool, 355,6 mm Rough Surface Fiber Shod Floor Tool, 203,2 mm Wall and Overhead Brush, and 685,8 mm Steel Crevice Tool.

DUMP VALVE (FACTORY INSTALLED):

DDV-100M: Full Flow Ball Valve, 25,4 mm.

DDV-E90: Elbow, 32° C.

DDV-675: Garden Hose Connector.

STORAGE POUCH:

VAC-TOOL-TOTE: Durabond Tool Storage Pouch.

REPLACEMENT FILTERS:

GTC-175: Polypropylene Filter, 15 microns.

GTC-176: Dacron Filter, 15 microns.

DISCHARGE PUMP:

The VAC-2-55-DD Industrial Vacuum is available with a 1/3 HP, 170,3 LPM, stainless steel internal pump for discharging recovered liquids.

VAC-2-55-PUMP: Same as VAC-2-55-DD, plus internal pump, discharge port and hose.

FEATURES

- Two heavy-duty motors
- Exhaust muffler
- Three tank sizes
- Liquid shut-off
- Metal deflector
- Reusable filters
- 38.1 mm or 50.8 mm hoses

VAC-2-15SS: Industrial Wet-Dry Vacuum, including filters, 56,7 liter stainless steel tank, handles, wheels and casters.

VAC-2-30*: Industrial Wet-Dry Vacuum, including filters and 457mm-508 mm diameter drum adapter ring (no drum).

VAC-2-30DD: Same as VAC-2-30, plus 113,5 liter bonderized steel drum and dolly.

VAC-2-55*: Industrial Wet-Dry Vacuum, including filters and 558 mm-609 mm diameter drum adapter ring (no drum).

VAC-2-55DD: Same as VAC-2-30, plus 208 liter bonderized steel drum and dolly.

***Note:** Fits any standard drum 113,5 liter or 208 liter depending on model.

Note: Vacuums do not include accessories. Order VAC-KIT-9, visit www.goodway.com for kits and accessories.

VAC-2	
Motor Power	2.7 HP (total)
Input Power	Standard: 13 amps, 115V, 50/60 Hz AC Optional: 6.5 amps, 230V, 50/60 Hz
Power Supply Cord	11,2 m, 14-3
Static Water Lift	1676 mm
Air Displacement	306 m3/h
Filtration	15 microns polypropylene and 15 microns dacron
Tank/Drum	56,7 liter stainless steel tank, or 113,5 or 208 liter bonderized steel drum
Dry Capacity	53 liter (stainless steel tank)
Wet Capacity	37,8 liter (stainless steel tank)
Noise Level	74 dBA
Dimensions	381 mm diameter tank x 914 mm high (VAC-2-15SS)
Weight	113,8 (head only) and 29,9 (VAC-2-15SS)

THIS AIR VACUUM DOESN'T SKIMP ON POWER



AV-1200-15SS

AV-1200-30-DD

AV-1200-55-DD

AV-1200

Safe and Powerful

For situations when electric power is unavailable or prohibited, the Air-powered AV-1200 is the preferred choice. Maintenance departments all over count on this dependable vacuum.

With the ability to devour 170 liters per minute, it handles all your high-volume liquid recovery needs. From machine oil to coolant and metal chips to fine powders, no matter what your clean up entails, the AV-1200 is up to the task.



VAC-KIT-9-G

ACCESSORIES:

VAC-KIT-9-G: 38,1mm Grounded Industrial Vacuum Accessory Kit:

4,57m Neoprene Wire Reinforced Hose with Grounding Wire, 1371,6 mm Double Bend Wand, 1371 mm Extension Tube, 1,5m Extension Tube, 355,6 mm Nylon Floor Brush, 355,6 mm Squeegee Floor Tool, 355,6 mm Rough Surface Fiber Shod Floor Tool, 203 mm Wall and Overhead Brush, and 686 mm Steel Crevice Tool.

DUMP VALVE (FACTORY INSTALLED):

DDV-100M: Full Flow Ball Valve, 25,4mm.

DDV-E90: Elbow, 90°.

DDV-675: Garden Hose Connector.

STORAGE POUCH:

VAC-TOOL-TOTE: Durabond Tool Storage Pouch.

REPLACEMENT FILTERS:

GTC-175: Polypropylene Filter, 15 microns.

GTC-176: Dacron Filter, 15 microns.



FEATURES

- Air-powered
- No moving parts
- Three tank sizes
- Liquid shut-off
- Metal deflector
- Reusable filters
- 38,1 mm or 50,8 mm hoses

AV-1200-15SS: Air-powered Wet-Dry Vacuum, including filters, 56,7 liter stainless steel tank, handles, wheels and casters.

AV-1200-30*: Air-powered Wet-Dry Vacuum, including filters and 457mm-508 mm diameter drum adapter ring (no drum).

AV-1200-30-DD: Same as AV-1200-30, plus 113,5 liter bonderized steel drum and dolly.

AV-1200-55*: Air-powered Wet-Dry Vacuum, including filters and 558 mm-609 mm diameter drum adapter ring (no drum).

AV-1200-55-DD: Same as AV-1200-55, plus 208 liter bonderized steel drum and dolly.

***Note:** Fits any standard drum 113,5 liter or 208 liter depending on model.

Note: Vacuums do not include accessories. Order VAC-KIT-9, visit www.goodway.com for kits and accessories.

AV-1200	
Air Requirements	Minimum 3,4 BAR at 35 CFM, Maximum 6,2 BAR at 50 CFM
Air Line	12,7 mm I.D. or larger
Static Water Lift	4318mm at 6,2 BAR
Air Displacement	212 m3/h at 6,2 BAR
Filtration	15 microns polypropylene and 15 microns dacron
Tank/Drum	56,7 liter stainless steel tank, or 113,5 or 208 liter bonderized steel drum
Dry Capacity	52,9 liters (stainless steel tank)
Wet Capacity	37,8 liters (stainless steel tank)
Noise Level	84 dBA
Dimensions	381mm diameter tank x 914,4mm high (AV-1200-15SS)
Weight	10,8 Kg (head only) and 30 Kg (VAC-2-15SS)

INDISPENSABLE COMPACT HEPA INDUSTRIAL VACUUM



DP-E1 & DP-E1-H The Mighty Mini Industrial Vacuum That Delivers!

The DP-E1-H Compact HEPA Industrial Vacuum is built tough to withstand daily harsh industrial applications while being compact and powerful simultaneously. The vacuum is compact and mighty, and it doesn't skimp on features like a detachable collection tank, multi-stage HEPA filtration (Choose HEPA model), and a complete accessory package to handle most daily cleanup needs. The DP-E1-H industrial vacuum offers outstanding dry performance while handling minor wet pickup of saturated material. The machine boasts a powerful motor, producing 180,34 cm of lift and 96 CFM. The HEPA model features a true HEPA filtration system that delivers 99.97% filtration at 0.3 microns!

Don't need HEPA? The DP-E1 models give you powerful wet/dry pickup performance, accessories, and standard, non-HEPA filtering.

	DP-E1	DP-E1- H
Motor Power	1,1 kW	1,1 kW
Input Power	7.5 amps, 120V, 60 Hz AC	7.5 amps, 120V, 60 Hz AC
Air Flow:	163 m3/h	163 m3/h
Water Lift:	1905 mm	1905 mm
Noise Level:	70 db	70 db
Filter:	3.0 micron	0.3 micron, HEPA
Capacity:	15,1 liters	15,1 liters
Weight:	19 Kg	19,5 Kg



DETACHABLE
COLLECTION
DRUM FOR
EASY DUMPING.

FEATURES

- Ergonomic Design
- Lightweight
- Easy to Use
- Steel Construction
- Includes Accessory Kit
- 0.3 Micron HEPA Filter (on HEPA model only)
- Detachable Collection Drum
- External Filter Shaker

REPLACEMENT FILTERS



STANDARD 3.0 MICRON
12 POCKET FILTER



0.3 MICRON
HEPA FILTER

Visit www.goodway.com to see more!

GET RID OF DIRT IN HARD-TO-REACH PLACES



BPV-125

Powerful and Comfortable Backpack

If you need to bring powerful vacuum suction to cramped areas, the BPV-125 vacuum has got your back. From stairwells to aisles, seats to shelving, this comfortable backpack unit goes wherever you need to take it. With over one full HP of cleaning power and a full set of attachments, this vacuum tackles tough dirt in tight corners like a pro. It comes with an integrated tool belt, so you'll save time by always having the right attachment at your fingertips.

BPV-125: Backpack Dry Vacuum, includes hose, wand and accessories

BPV-125H

Compact Backpack with HEPA Filter

Tiny nuisance particles can't escape from the large capacity HEPA filter while the bigger stuff stays trapped inside the paper collection bag. An integrated tool belt will save time by eliminating wasted trips looking for the right attachment.

BPV-125H: Backpack Dry HEPA Vacuum, includes hose, wand and accessories.



BPV-125-WK

Wall Kit Mounted

The fight against contaminants in your plant is at your front entrance, and now you've got another great tool in the battle. The BPV-125-WK/BPV-125-A-WK (230V) industrial vacuum is a small and quiet wall mounted cleaning powerhouse that delivers excellent vacuum performance. The 1.25 HP vacuum, combined with the specialized pickup attachment quickly remove dirt, and the 1-micron paper filtration effortlessly captures powders, dust, dander and solid contaminant from clothing and other outerwear.

BPV-125-WK/BPV-125-A-WK (230V): Wall Mounted Dry Vacuum, includes hose, wand and accessories.

FEATURES

- Paper filter collection bag
- Heavy-duty motor
- High-impact, molded plastic body
- Tool belt
- Multiple cleaning tools
- Includes hose, wand and tools
- HEPA filter (BPV-125H only)
- Wall mounts (BPV-125-WK/A-WK)

	BPV-125	BPV-125H	BPV-125-WK/BPV-125-A-WK (230V)
Motor Power	0,9 kW	0,9 kW	0,9 kW
Input Power	Standard: 10,5 amps, 115V 50/60 Hz	Standard: 10,5 amps, 115V 50/60 Hz	Standard: 9 amps, 115V 50/60 Hz AC, 230V, 50/60 Hz AC
Power Supply Cord	13,8 m	13,8 m	14 m
Static Water Lift	3175 mm	3175 mm	2438 mm
Air Displacement	90 m³/h	90 m³/h	170 m³/h
Filtration	1 micron paper	1 microns paper and 0.3 microns HEPA	1 micron paper
Dry Capacity	3,3 liters	3,3 liters	3,3 liters
Noise Level	65 dBA	65 dBA	60 dBA
Dimensions	508 mm (H) x 304 mm (W) x 356 mm (D)	508 mm (H) x 304 mm (W) x 356 mm (D)	495 mm (H) x 241 mm (W) x 241 mm (D)
Weight	4,8 Kg	4,9 Kg	4.5 kg

JOB MATCHED TO FIT YOUR NEEDS



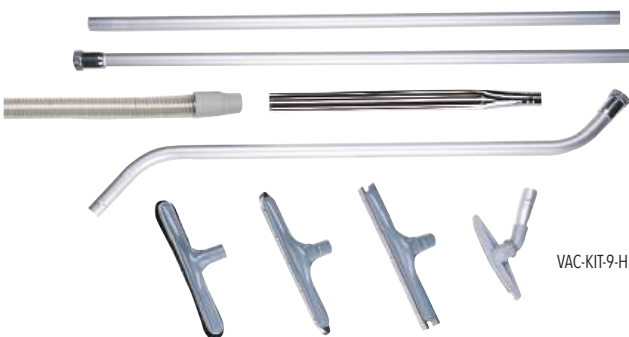
VAC-KIT-9-G



VAC-KIT-5-G



DA-EP-KIT



VAC-KIT-9-H



VAC-KIT-DIV2-D

CARBON FIBER VACUUM ACCESSORY KITS:

VAC-KIT-DIV2-D: (For DV vacs), this kit also includes a carry bag.

VAC-KIT-DIV2-T: (For VAC-EX, VAC-2, VAC-3, AV-1200, and GTC-540 vacuums) includes carry bag.

AIR VACUUM ACCESSORY KITS*:

VAC-KIT-9-G: 38,1 mm Grounded Industrial Vacuum Accessory Kit: 4,5 m Neoprene Wire Reinforced Hose with Grounding Wire, 1371,6 mm Double Bend Wand, 1371,6 mm Extension Tube, 1,5 m Extension Tube, 355,6 mm Nylon Floor Brush, 355,6 mm Squeegee Floor Tool, 355,6 mm Rough Surface Fiber Shod Floor Tool, 203,2 mm Wall and Overhead Brush, and 685,8 mm Steel Crevice Tool.

VAC-KIT-5-G: 50,8 mm Grounded Bulk Pickup Vacuum Accessory Kit: 15' Smooth Bore PVC Hose with Grounding Wire, 1422,4 mm Double Bend Wand, 457,2 mm Bulk Pickup Nozzle, and 330,2 mm Aluminum Gulper Tool.

DA-EP-KIT: 50,8 mm Grounded DV Vacuum Accessory Kit: 4,5 m Neoprene Wire Reinforced Hose with Grounding Wire, Stainless Steel Hose Adapter for connecting DV Vacuums to 50,8 mm hoses, 1422,4 mm Double Bend Wand, 457,2 mm Bulk Pickup Nozzle, 330,2 mm Aluminum Gulper Tool, and 609,6 mm Steel Crevice Tool.

HEPA VACUUM ACCESSORY KIT*:

VAC-KIT-9-H: 38,1 mm HEPA Vacuum Accessory Kit: 4,5 m Smooth Bore PVC Hose, 1371,6 mm Double Bend Wand, 1371,6 mm Extension Tube, 1,5 m Extension Tube, 355,6 mm Nylon Floor Brush, 355,6 mm Squeegee Floor Tool, 355,6 mm Rough Surface Fiber Shod Floor Tool, 203,2 mm Wall and Overhead Brush, and 685,8 mm Steel Crevice Tool.

***Note:** These accessories not for use with BPV and EV Vacuums.

TAKE PRODUCTIVITY AND SAFETY TO THE NEXT LEVEL

SPECIALIZED INDUSTRIAL VACUUMS PERFORM BETTER

TAKING THE CHIPS OFF THE TABLE (AND CNC MACHINE).

CNC machinery operators know the drill when it comes to clean-up. When you finish a job or need to change materials, cleaning the CNC machine is essential. With Goodway CNC ChipMaster® vacuums, clean-up is a breeze.

Vacuum performance eats up chips and coolant, separating them easily. You can return clean coolant to your system after advanced filtering removes up to 300 microns of sediment. Tilt and roll out tanks make chip recovery simple, so you'll save time by always having the right attachment at your fingertips.



DESIGNED AND BUILT FOR MANUFACTURING



CHOOSING WISELY SAVES TIME AND MONEY

Cleaning large volumes of dry or liquid materials can occur daily in manufacturing environments. Making the right choice when it comes to industrial vacuums is crucial.

Heavy-duty Goodway industrial vacuum cleaners feature anti-static protection, filter shakers, roll-vac attachments, and independent motors that can increase performance with the flick of a switch. Make sure you're making the right decision for your business.

QUICK TIPS TO CHOOSE THE RIGHT VACUUM

1. Focus on what you are picking up. Is it flammable? Is it dangerous?
2. Does your system need to pickup wet items only? Dry only? Both?
3. How portable does the system need to be?
4. How much pickup volume will get the job done?

INDUSTRIAL VACUUM CLEANERS BUYING GUIDE



Scan qr code to view the best industrial vacuum for a superior cleaning performance.

ADVANCED CLEANERS HELP BOOSTS RESULTS



COOLING TOWER CHEMICAL SOLUTIONS



BioSpray® Tower

BioSpray Tower offers powerful sanitizing and disinfecting properties for use across various applications. This includes general surfaces, food contact surfaces, industrial surfaces, and more and has been approved by the EPA for use against SARS-CoV-2, the virus that causes COVID-19. For HVAC use, including cooling towers, BioSpray Tower is used as a preventive maintenance sanitizer designed for application to all the areas outside of the bulk water flow. Drift (small water droplets) from a contaminated cooling tower can carry Legionella and other harmful bacteria as far as 2 miles from your facility. That bacteria can then enter the lungs infecting unsuspecting innocent people. Unlike bulk water treatment, which only impacts water in contact with surfaces, BioSpray

Tower works on hard surfaces to quickly kill 99.9% of Legionella. Apply liberally to exposed surfaces of towers, inside and out. BioSpray Tower will improve the overall health of the cooling so technicians can safely perform preventive maintenance. BioSpray Tower is a non-hazardous, non-regulated preventive maintenance sanitizer.

BIOSPRAY-TOWER: Sanitizer and disinfectant solution kills 99.9% of Legionella, on hard, non-porous surfaces. 18,9 liter bottle.



ScaleBreak®-Gel

Goodway's ScaleBreak®-Gel is a patented, innovative viscous gel formulated for descaling vertical surfaces like cooling tower fill. When used in conjunction with Goodway's TFC-200 system, ScaleBreak-Gel adheres to vertical surfaces allowing its powerful descaling properties to penetrate and dissolve water formed deposits into a liquid suspension for easy removal. ScaleBreak-Gel is a completely water soluble product and is perfect for descaling cooling tower fill, tank walls or any other vertical surface.

SCLBRK-GEL-05: ScaleBreak-Gel is an acidic product, formulated to adhere to and descale mineral deposits from cooling tower fill or other vertical surfaces. 20 liter drum.



Foam-Clear™

Defoaming solution is a super concentrated defoaming chemical designed to instantly remove foam from industrial applications like descaling, coil cleaning and more.

In certain situations, excessive foam can cause annoyance or possible damage. FOAM-CLEAR reacts instantly, reducing foam and keeping it from forming again.

FOAM-CLEAR-01: Defoaming Solution, 3,8 liter bottle.



TowerShine™

TowerShine™ is a biodegradable, expanding foam detergent specifically formulated for use with the TFC-200.

TOWERSHINE™-5: Cooling Tower Fill Cleaning Solution, 18,9 liter bucket.

COIL CLEANING CHEMICAL SOLUTIONS



CoilShine®

COILSHINE: Coil Cleaning Solution, one case (four 3,8 liter bottles).

COILSHINE-5: Coil Cleaning Solution, 19 liter bucket.

COILSHINE-55: Coil Cleaning Solution, 208 liter drum (not shown).

CoilShine-T: Foaming, Alkaline Coil Cleaning Tablet, Package of 12 (for CC-200 only).

CoilShine-T-BIO: Coil bio-growth treatment, Package of 12 (for CC-200 only).

DESCALING CHEMICAL SOLUTIONS



ScaleBreak-MP®

SCALEBREAK-MP-208L: All-purpose Descaling Solution, 20 liter drum.

SCALEBREAK-MP-1040L: All-purpose Descaling Solution, 200 liter drum.

SCALEBREAK-MP-1250L: All-purpose Descaling Solution, 1,000 liter tote.



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CHEMICAL
SOLUTIONS

METRIC TO U.S. CONVERSION FORMULAS

To Convert:

Multiply by:

Linear Measures

Millimeter(mm) to Inch (in) _____ 0,039

Centimeter (cm) to Inch (in) _____ 0,394

Meter (m) to Foot (ft) _____ 3,281

Square Measures

Square Centimeter (cm²) to Square Inch (sq in) _____ 0,155

Square Meter (m²) to Square Foot (sq ft) _____ 10,764

Measures of Volume

Cubic Centimeter (cm³) to Cubic Inch (cu in) _____ 0,061

Cubic Meter (m³) to Cubic Foot (cu ft) _____ 35,315

Liter (l) to U.S. Gallon (g) _____ 0,264

Weight

Kilogram (kg) to Pound (lb) _____ 2,205

Pressure

BAR to PSI _____ 14,504

Power

Kilowatt (kW) to Horsepower (HP) _____ 1.341

Temperature

Multiply by: Then Add:

Celsius (°C) to Fahrenheit (°F) _____ 1,8 _____ 32

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GOODWAY'S GLOBAL MARKET

As the world has become smaller and smaller, Goodway's business presence in it has become larger and larger.

Today, Goodway products are in use in almost every country in the world, and on all seven continents, including Antarctica!

To better serve our customers, Goodway has expanded its operation to include sales and service arms throughout North, Central and South America, Europe, the Middle East, Asia, Africa and Australia. Beyond maintaining a successful presence in these markets, Goodway catalogs are now available online in a variety of languages. This is a direct result of Goodway's continued success in the world maintenance market. As Goodway continues its worldwide expansion, Goodway's world will always revolve around you, our customer.

GLOBAL SALES AND DISTRIBUTION

Goodway has sales and distribution located in the following countries: Argentina, Australia, Brazil, Chile, China, Colombia, Egypt, England, Finland, France, Germany, Greece, Guatemala, Indonesia, Ireland, Italy, Japan, Korea, Kuwait, Libya, Malaysia, Mexico, Netherlands, New Zealand, Nicaragua, Nigeria, Norway, Pakistan, Peru, Philippines, Romania, Russia, Saudi Arabia, Singapore, South Africa, Spain, Switzerland, Taiwan, Thailand, Trinidad, Turkey, United Arab Emirates and Vietnam.

GUARANTEE Every Goodway product is backed by over 50 years of experience.

We guarantee satisfaction with everything we sell. For product warranty information, please visit www.goodway.com.

CUSTOMER SERVICE Our dedicated and knowledgeable distributors and sales staff are on call to answer any product questions you may have. If they can't answer your question, they will find someone who can.

PROVEN RESULTS Our reputation has allowed us to keep the same customers for years. Ask around and you'll find that we are known for reliability and customer support. It's the reason why we've been growing and expanding for over 50 years.

STAY GREEN We've always been green! While the rest of the world is just catching on, Goodway has always been committed to greater energy efficiency since we started. Our products will help keep your mechanical equipment running at peak efficiency, saving energy and money, and producing less pollutants.

DISTRIBUTED BY: