



*Vacuums*



*Carts &  
Mopping  
Systems*



*Floor Care*

## CARPET CARE SYSTEMS



# OVERVIEW

## Carpet Maintenance Overview

The starting point of any successful maintenance program is selecting quality products and systems that meet the performance and appearance requirements of your facility. Properly maintained carpet enhances a facility's appearance, improves indoor air quality and contributes to occupant satisfaction.

Proper maintenance also protects the capital investment by extending the carpet's life. The carpet mills and the Carpet & Rug Institute recommend three levels of cleaning activity with frequencies based on carpet type and traffic conditions. NaceCare is dedicated to providing the most cost-effective solutions for maintaining your carpet and the image of your facility.



### Daily Maintenance

#### Vacuum and Spot Removal

The single most effective and economical way to extend carpet life is daily vacuuming. It removes 90 percent of all dry and abrasive soil. Daily visual inspection also ensures spots are removed before they become stains.

### Restorative Maintenance

#### Hot Water Extraction (HWE)

Deep cleaning removes embedded dry soil, oily substances and any residue build-up that can damage fibers and reduce carpet life. The carpet's appearance is restored by injecting water into the fibers, agitating them to loosen soil and extracting the soiled solution into a recovery tank. Pre-spray and extraction solution used should contain sustainable formulas with a pH factor under 9.

### Interim Maintenance

#### Encapsulation and Traffic Spotting

An effective program always includes pre-established cleaning frequencies with the goal of maintaining the highest possible level of appearance at the lowest overall cost between wet-extraction cleanings.

Low-moisture encapsulation is carpet mill recommended since it combines pile-lifting and interim cleaning into a single step, saving time and labor. A brush assisted walk behind or twin cylindrical brush machine performs both applications with carpets drying in 30-60 minutes.



## Upright HD 14

Lightweight and durable, the HD 14/18 combines dual-motor performance and optional HEPA filtration, making it the best option for daily carpet maintenance. The ergonomic design and lightweight construction ensure it is easy to maneuver and an ideal choice for building service contractors and in-house cleaning professionals. The Carpet and Rug Institute (CRI) has certified the HD 14/18 to meet its stringent requirements for soil removal, dust filtration and appearance retention.



## Backpack BATTERY AND ELECTRIC

Both NaceCare models, the RSV 130 and RSV 200, are powered by commercial 1.6 hp motors offering over 114 cfm of airflow. They provide a four-stage filtration system that captures 99.97 percent of dust particles to 0.3 microns. Adjustable waist and shoulder straps are designed for maximum comfort and the swivel hose fittings ensure tangle-free operation. It's also available in a battery-powered version for daytime cleaning. The RBV 130 has 45 minutes of run time, weighs 16 pounds and has a quick-change battery.



## Canister HENRY PVR 200

NaceCare provides our industry's quietest vacuums at 47/49 dB. All units have a powerful 1.6 hp vacuum motor with 110 inches of lift and 114 cfm of airflow for excellent soil recovery. Equipped with a Microtex filter and HEPA-Flo bag as standard, they filter down to 0.3 microns at 99.97 percent efficiency. They are available with a variety of tools for carpet or hard floor care and optional electric or air turbo power heads are available for improved agitation.

NaceCare also offers the NBV 180/220 battery canister vacuums for daytime cleaning. Both units have 45-minute run time, 2.5-hour charge time and a quick change-out battery system.



*NaceCare upright and canister vacuums meet the stringent certification requirements for the Carpet and Rug Institute (CRI).*

# DAILY MAINTENANCE

## Spotting Extractors

The GVE 370, with its powerful 1.3 hp vacuum motor and two-year warranty, is ideal for spotting, upholstery cleaning and vehicle detailing. With 100-inch water lift, 95 cfm of airflow and a 30 psi pump, George provides excellent water recovery and won't over-wet fabrics. The 1.6-gallon recovery tank comes with a handy carrying handle for dumping.

The AV 4X and AVB 4X are lightweight and easy to transport. The ergonomic adjustable handle height has a twist grip solution control providing 60 psi of solution.

The 1.3 hp vacuum motor, with 100-inch water lift and 106 cfm of airflow, provides excellent water recovery and the squeegee attachment on the vacuum shoe allows for hard floor cleaning.

Additionally, the AVB 4X is fitted with a heavy-duty cylindrical 600 rpm brush for agitation and superior cleaning results.

The TP 4X has 120" of waterlift making it excellent for carpet spotting and upholstery cleaning. It has a 60 psi pump and comes with an 8' solution/vacuum hose and hand tool, an optional extraction wand and cart are also available.



GVE 370 "George"



AVB 4X



AV 4X



TP 4X

*Shown with optional cart*

Model	GVE 370	AVB 4X	AV 4X	TP 4X
Vacuum Motor	1,000W, 1.3 hp 2 stage	1000W, 1.3 hp 2 stage	1,000W, 1.3 hp 2 stage	1,500W, 2 hp 2 stage
Airflow	95 cfm	106 cfm	106 cfm	106 cfm
Water Lift	100"	100"	100"	120"
Pump: Pressure	30 psi	60 psi	60 psi	60 psi
Pump: Power	30W	70W	70W	70W
Capacity: Solution	1.6 gal.	4.0 gal.	4.0 gal.	4.0 gal.
Capacity: Recovery	1.6 gal.	4.0 gal.	4.0 gal.	4.0 gal.
Cleaning Width	4"/ 10.5"	4" / 11"	11"	4"
Weight	19 lbs.	46 lbs.	29 lbs.	27 lbs.
Power Cord	42'	33'	33'	33'

# INTERIM



DP 340



Clean right to the edge of walls



DP 420



Optional escalator kit for the DP 420

## DUPLEX Replace Bonnet Cleaning From restorative to interim with a low-moisture solution

Clean virtually any floor surface: carpet, grouted floors and ceramic, rubberized floors and even escalators are no obstacle for the Duplex. Simply fill the solution tanks and squeeze the trigger to feed cleaning solution onto the twin counter-rotating brushes. The conveyors recover the dirty water, depositing it in the central recovery tank, or you can choose to double scrub the area and pick up the water later.

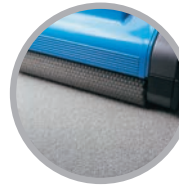
The brushes work right to the edge of the machine and into difficult areas. With its unique 800,000 bristles counter-rotating at 780 rpm, the Duplex is a carpet cleaner's dream for both high-traffic restorative cleaning and situations requiring low-moisture interim maintenance. It's virtually impossible to over-wet a carpet using the Duplex, and carpets will dry easily in under 30 minutes.

It replaces bonnet cleaning as the mainstay in any interim carpet-maintenance program. Not only does it do a better job, it's faster! Brush options include two grades of black brushes for aggressive scrubbing. Grey is the standard all-purpose brush and yellow is for sensitive carpet areas.

Model	DP 340	DP 420
Cleaning Path	11"	14"
Solution Tank	1.1 gal.	1.6 gal.
Recovery Tank	0.75 gal.	1 gal.
Brush Speed	780 rpm	780 rpm
Brush Pressure (Max)	48 lbs.	57 lbs.
Brush Motor	1000W/1.3 hp	1000W/1.3 hp
Power Cord	35 ft.	35 ft.
Weight	48 lbs.	57 lbs.



Profiled Rubber and Ceramic



Carpet



Escalator

## Walk Behind Extractors AV 18AX

With large 18-gallon tanks and a 3/4 hp drive motor, the Avenger AV 18AX can tackle even the biggest commercial job. Other key features include rotationally molded polyethylene tanks and an easy-access removable spray bar with twist-off jets. The powerful 1.8 hp, three-stage vacuum motor provides 135-inch water lift and 95 cfm of airflow while the 130 psi pump allows for a variable flow rate up to 1.2 gpm.

With the optional patented onboard "Smart Kit," the pump can be used as an automatic pre-spray system with the chemical injected downstream (of the pump) so only water flows through it, preventing any buildup. The Smart Kit ensures no mixing of chemicals is required and the dilution is always correct. It also allows the unit to be used in "low-flow mode" for interim cleaning and faster drying times.

Its efficient forward motion allows upwards of 4,000 sq. ft. per hour to be cleaned, three times the rate of pullback self-contained units, while the lockdown vacuum shoe ensures consistent pressure and excellent soil recovery at all times.



AV 18AX



### MODEL

### AV 18AX

Vacuum Motor	3 stage, 1.8 hp
Airflow	95 cfm
Water Lift	135"
Brush Motor	100W / .13 Hp
Brush Speed	600 rpm
Drive Motor	0.75 hp
Cleaning Width	20"
Pump Type	diaphragm w/bypass
Weight	143 lbs.
Power Cord	50'

Capacity: Solution	18 gal.
Capacity: Recovery	18 gal.
Pump: Power	100W
Pump: Pressure	130 psi
Pump: Flow	0-1.2 gpm

Shown with optional Smart Kit



AV 18SX

## Walk Behind Extractors AV 18SX

The large 18-gallon tanks and the efficiency of a forward-moving machine enable it to tackle even the biggest commercial jobs. The upper and lower tanks detach for easier transport and the easy-access removable spray bar has twist-off jets. The powerful 1.8 hp, three-stage vacuum motor provides 135 inches of water lift and 95 cfm of airflow while the 130 psi pump provides 1.2 gpm of flow. The spring-loaded vacuum shoe is adjustable, ensuring consistent pressure and pickup on different carpet thicknesses and uneven floors. For hard floors, the carpet shoe is easily substituted with an optional squeegee.

With the optional patented onboard "Smart Kit," the pump can be used as an automatic pre-spray system with the chemical injected downstream (of the pump) so only water flows through it, preventing any buildup. The Smart Kit ensures no mixing of chemicals is required and the dilution is always correct. It also allows the unit to be used in "low-flow mode" for interim cleaning and faster drying times.

Cleaning at a rate upwards of 4,000 sq. ft. per hour, nearly three times that of standard pull-back extractors, and with less operator fatigue make the AV 18SX an outstanding choice. Optional features include the Smart Kit, hard floor squeegee and HT 1800 in-line heater.

### OPTIONAL HARD FLOOR SQUEEGEE FOR MODEL AV 18SX

Simply remove the carpet shoe, fit the squeegee attachment and lower the brush housing to the lowest position to enable cleaning of your hard floor surfaces.



### MODEL

### AV 18SX

Vacuum Motor	1400W, 1.8 hp, 3 stage
Airflow	95 cfm
Water Lift	135"
Brush Motor	100W / .13Hp
Brush Speed	600 rpm
Cleaning Width	20"
Weight	140 lbs.
Pump Type	diaphragm w/bypass

Pump: Power	100W
Pump: Pressure	130 psi
Pump: Flow	0-1.2 gpm
Capacity: Solution	18 gal.
Capacity: Recovery	18 gal.
Power Cord	50'

## Quiet Walk Behind Extractors AV 12QX

Running under 60 dB, the AV 12QX is an excellent choice for any 24-hour facility, especially in the hospitality and health-care industries. The AV 12QX is constructed of polyethylene and features a 130 psi pump providing a flow rate up to 1.2 gpm. The powerful 1.8 hp, three-stage vacuum motor provides 135-inch water lift and 95 cfm of airflow. The spring-loaded vacuum shoe is adjustable, ensuring consistent pressure and pickup on different carpet thicknesses and uneven floors. For hard floors, the carpet shoe is easily substituted with an optional squeegee.

With the optional patented onboard “Smart Kit,” the pump can be used as an automatic pre-spray system with the chemical injected downstream (of the pump) so only water flows through it, preventing any buildup. The Smart Kit ensures no mixing of chemicals is required and the dilution is always correct. It also allows the unit to be used in “low-flow mode” for interim cleaning and faster drying times.

Cleaning at a rate upwards of 4,000 sq. ft. per hour, nearly three times that of standard pull-back extractors, and with less operator fatigue make the AV12 QX an outstanding choice. Optional features include the Smart Kit, hard floor squeegee and HT 1800 in-line heater.

### OPTIONAL HARD FLOOR SQUEEGEE FOR MODEL AV 12QX

Simply remove the carpet shoe, fit the squeegee attachment and lower the brush housing to the lowest position to enable cleaning of your hard floor surfaces.



Shown with optional Smart Kit

AV 12QX



#### MODEL

#### AV 12QX

Vacuum Motor	1,400W, 1.8 hp, 3 stage
Airflow	95 cfm
Water Lift	135"
Brush Motor	100 W / .13 hp
Brush Speed	600 rpm
Cleaning Width	20"
Pump Type	diaphragm w/bypass
Weight	121 lbs.
Power Cord	50'
Sound Level	60 dB(A)

Pump: Power	100W
Pump: Pressure	130 psi
Pump: Flow	0–1.2 gpm
Capacity: Solution	12 gal.
Capacity: Recovery	12 gal.





AVB 9X

### Pull-Back Extractor AVB 9X

With a sound level of only 60 dB, the AVB 9X can be used in even the most sensitive areas. It is constructed of rotationally molded polyethylene and features a 130 psi pump providing a flow rate of 1.2 gpm. The powerful 1.8 hp, three-stage vacuum motor provides 135-inch water lift and 95 cfm of airflow.

The AVB 9X is well balanced and easy to use; the 16-inch brush ensures it can handle the toughest of jobs. The high water lift motor provides excellent water recovery; in most cases carpets can dry in less than one hour. The float shut-off ensures water never reaches the vacuum motor and the five jet spray bar provides a consistent spray pattern with no streaking.

Brush pressure is fully adjustable for different types of carpet and the powerful brush motor ensures excellent agitation. The water flow rate is variable, allowing for low-moisture or full restoration cleaning. The AVB 9X truly is the market leader in pull-back extractors.

MODEL	AVB 9X
Vacuum Motor	1,400W, 1.8 hp, 3 stage
Airflow	95 cfm
Water Lift	135"
Brush Motor	90W, .12 hp
Brush Speed:	600 rpm
Cleaning Width	16"
Pump Type	diaphragm w/bypass
Weight	95 lbs.
Power Cord	50'
Sound Level	60 dB(A)

Pump: Power	100W
Pump: Pressure	130 psi
Pump: Flow	0-1.2 gpm
Capacity: Solution	9 gal.
Capacity: Recovery	9 gal.

# RESTORATIVE

## Tempest® Box Extractors

Our Tempest box extractors are lightweight and easy to transport. Constructed of rugged polyethylene, the upper and lower tanks detach into two separate units for easier transport.



**TP 8X**

At only 49 lbs., the TP 8X is light and easy to transport, yet has all the power of a full-size extractor. With its 130 psi pump and 20-foot vacuum and solution hoses, the TP 8X is ready to tackle even the largest of jobs.



*Shown with optional Smart Kit*

**TP 18SX**



*Shown with optional Smart Kit*

**TP 18DX**

Both the TP 18SX and TP 18DX are premium extractors featuring a 130 psi pump with 1.2 gpm of water flow. Their 18-gallon polyethylene tanks are designed to clean large areas. The SX has 95 cfm of airflow and the DX is equipped with 212 cfm. Both units come complete with a 20-foot solution/vacuum hose and a three-jet wand.

MODEL	TP 8X	TP 18SX	TP 18DX
Vacuum Motor	1,500W, 2 hp 2 stage	1,400W, 1.8 hp 3 stage	2-1,000W, 1.3 hp 2 stage
Airflow	106 cfm	95 cfm	212 cfm (max.)
Water Lift	120"	135"	100"
Pump: Type	diaphragm w/bypass	diaphragm w/bypass	diaphragm w/bypass
Pump: Pressure	130 psi	130 psi	130 psi
Pump: Flow	1.2 gpm	1.2 gpm	1.2 gpm
Pump: Power	100W	100W	100W
Capacity: Solution	8 gal.	18 gal.	18 gal.
Capacity: Recovery	8 gal.	18 gal.	18 gal.
Weight	49 lbs.	92 lbs.	95 lbs.
Power Cord	33'	33'	33'

# RESTORATIVE



TP 18SX-HP



HT 1800 Heater

## Tempest® High Pressure Box Extractors

For the professional carpet cleaner, the TP 18SX-HP features a 400 psi piston pump with 1.25 gpm of flow and large 18-gallon tanks. With the patented onboard “Smart Kit” as standard equipment, the pump can be used as an automatic pre-spray system with the chemical injected downstream (of the pump) so only water flows through it, preventing any buildup.

The TP18SX-HP’s 1.8 hp, three-stage vacuum motor provides 135-inch water lift and 95 cfm of airflow, ensuring excellent soil recovery and faster drying times. The onboard storage of hoses and wand plus detachable tanks provide easy transport from job to job. It comes complete with a 20-foot solution/vacuum hose and a three-jet wand.

### OPTIONAL HEATER

Available for TP 8X, TP 18SX, TP 18SX-HP, TP 18DX, AV 12QX AV 18AX and AV 18SX models, the HT 1800 in-line heater conveniently mounts to the rear part of the machine. The heating element has an operating and hi-limit thermostat for safety. Water can be heated in-line; however, higher temperatures can be achieved with the pre-heating function.

MODEL	TP 18SX-HP
Vacuum Motor	1,400W, 1.8 hp 3 stage
Airflow	95 cfm
Water Lift	135"
Pump: Type	dual piston w/bypass
Pump: Pressure	400 psi
Pump: Power	180W, 0.25 hp
Pump: Flow	1.25 gpm
Capacity: Solution	18 gal.
Capacity: Recovery	18 gal.
Weight	176 lbs.
Power Cord	33'

MODEL	HT 1800		
Power	1,800W		
Voltage	120V, 50/60Hz		
Power Cord	50'		
Dimensions:	L-4.3" / W-6.3" / H-13.3"		
Weight	14 lbs.		
Temperature	160° F (max.)		
Pre-heating	8 gal.	12 gal.	18 gal.
15° F Increase	7 min.	10 min.	15 min.
In-line heating	Hand tool	3-jet wand	
Temp	114° F	100° F	50% flow
	76° F	66° F	75% flow
	57° F	50° F	100% flow

# CHEMICAL

## Pre-Spray Smart Kit

The Smart Kit is an option for the TP 8, TP 18SX/DX, AV 12QX, AV 18SX/AX and is standard on the TP 18SX-HP. Heavily soiled areas such as traffic lanes, pivot areas in front of elevators and entrances require additional chemical dwell time to emulsify and loosen compacted soil. The Smart Kit uses the extractor pump to dispense an onboard chemical through a 33-foot pre-spray hose and heavy-duty spray wand. The Smart Kit applies the traffic lane cleaner consistently and uses 50 percent less labor than conventional hand pump-up sprayers or electric sprayers.

## Chemicals

### Just For Carpet

NaceCare Solutions Just For Carpets is a multi-use carpet chemical formulated to meet the cleaning requirements for the new generation of synthetic carpet construction and delicate wool fibers. This neutral pH chemistry is especially designed for extraction, encapsulation, bonneting and traffic lane cleaning and it is safe to use on wool carpets. It has outstanding soil-removal qualities and won't leave a sticky residue that can cause rapid re-soiling. Just For Carpets meets sustainability requirements, using low VOCs, no dyes, no perfumes and safe surfactants.

- Twin Cylindrical Brush Encapsulation: Dilute 8 oz. per gallon
- Traffic Lane Cleaner: Dilute 8 oz. per gallon
- Extraction: Dilute 2 oz. per gallon

### Just For Spots

Just for Spots is a water-based general spotter formulated to remove 90 percent of most spots in carpets. This ready-to-use, 32 oz. bottle is safe to use for general spot cleaning without harming carpet fibers or causing re-soiling. Simply apply onto a spot and blot with a white terry cloth towel or remove with a spotting machine or extractor.



Pre-spraying with our Smart Kit

AVI2QX w/Smart Kit



Just For Carpets



Just For Spots



Just For Grease

### Just For Grease

Just For Grease is a safe, easy-to-use product for removing grease and oil-based stains from carpet. It is effective on paint, oil and grease without the dangers associated with harsh solvents and volatile organic compounds (VOCs). It is conveniently packaged in a 32 oz., ready-to-use bottle. Simply apply onto a spot and blot with a white terry cloth towel or remove with a spotting machine or extractor.



Just for Carpets and Just for Spots formulations are certified by the Carpet and Rug Institute (CRI) and meet sustainability requirements for the EPA Designed for the Environment (DfE) stewardship program.

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



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