



DV-M2

Industrial Vacuum Cleaner Operating and Maintenance Instructions



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INTRODUCTION

Thank you for purchasing this Goodway vacuum. We appreciate your business and look forward to serving you in the future. As with all Goodway products, you can be assured that the finest quality components and workmanship have gone into this machine.

Please take a few minutes to read the following Operating and Maintenance Instructions. By carefully following the instructions, you will obtain years of trouble free service from this product. Please pay particular attention to the safety instructions and exercise caution when using this machine.

We are here to serve you!
For Sales call
1-800-333-7467
For Service call
1-800-370-2855
Goodway Technologies Corp.

Goodway reserves the right to improve products; contact the factory for the latest configuration and uses.

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GENERAL

The DV-M2 is an industrial grade vacuum cleaner for the recovery of dry material only. Its collection tank is easily detached from the rest of the unit making disposal of collected material easy.

The DV-M2 consists of the following components:

1. Motor assembly with cord and on/off switches.
2. Filter canister with filter shaker on dolly
3. Debris collection tank.

Please review these instructions prior to installation and operation of this vacuum cleaner.

IMPORTANT SAFETY INSTRUCTION

READ ALL INSTRUCTIONS BEFORE USING THIS VACUUM CLEANER

WARNING –To reduce the risk of fire, electric shock or injury:

1. Do not leave appliance when plugged in. Disconnect unit from power when not in use or before servicing.

WARNING – To reduce the risk of electric shock – Do not use outdoors or on wet surfaces.

2. Use only as described in this manual. Use only manufacturer's recommend accessories and spare parts.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Do not use with a damaged cord or plug. If unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into

water, contact Goodway Technologies Corporation's Customer Service at (800) 370-2855.

5. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
6. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
7. Do not handle plug or appliance with wet hands.
8. Do not put any objects into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce airflow.
9. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
10. Turn off all controls before unplugging.
11. Use extra careful when cleaning stairs.
12. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
13. Connect to a properly grounded outlet only. See grounding instructions.
14. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
15. Do not use without dust bag and/or filters in place.

SAVE THESE INSTRUCTIONS

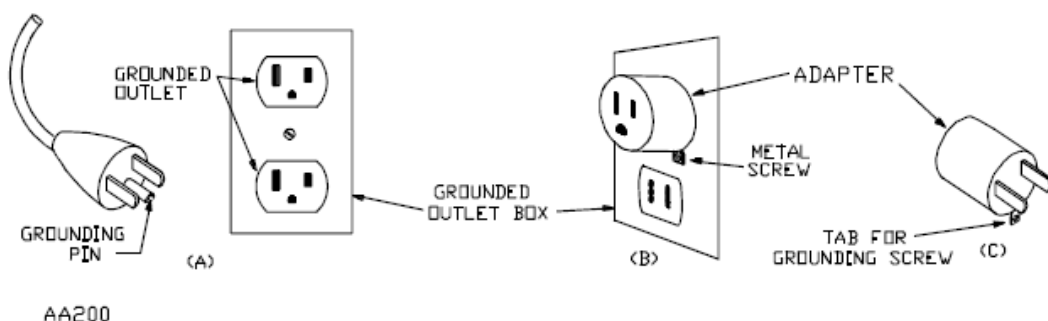
GROUNDING INSTRUCTIONS

This vacuum must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is for use on a nominal 120-volt circuit and has a grounding attachment plug that looks like the plug illustrated in sketch A below. A temporary adaptor that looks like the adaptor illustrated in sketches B and C may be used to connect this plug to a two pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

NOTE: In Canada, the use of an adaptor is not permitted by the Canadian Electrical Code.



SET-UP

Remove from packaging and inspect unit. Report any discrepancies to Goodway Technologies Corporation's Customer Service at (800) 370-2855.

Position this vacuum cleaner in the area it will be used.

Connect the power cord to a properly rated outlet, see unit's nameplate for power requirements.

Attach the hose to the manifold.

OPERATION

The unit is now ready for operation.

The motors are each controlled by a switch on the vacuum head. Both motors are on for normal operation but one motor at a time can be used to decrease air flow.

To use the vacuum shaker, turn the motor off and vigorously move the black handle up and down dislodging particles from the filter.

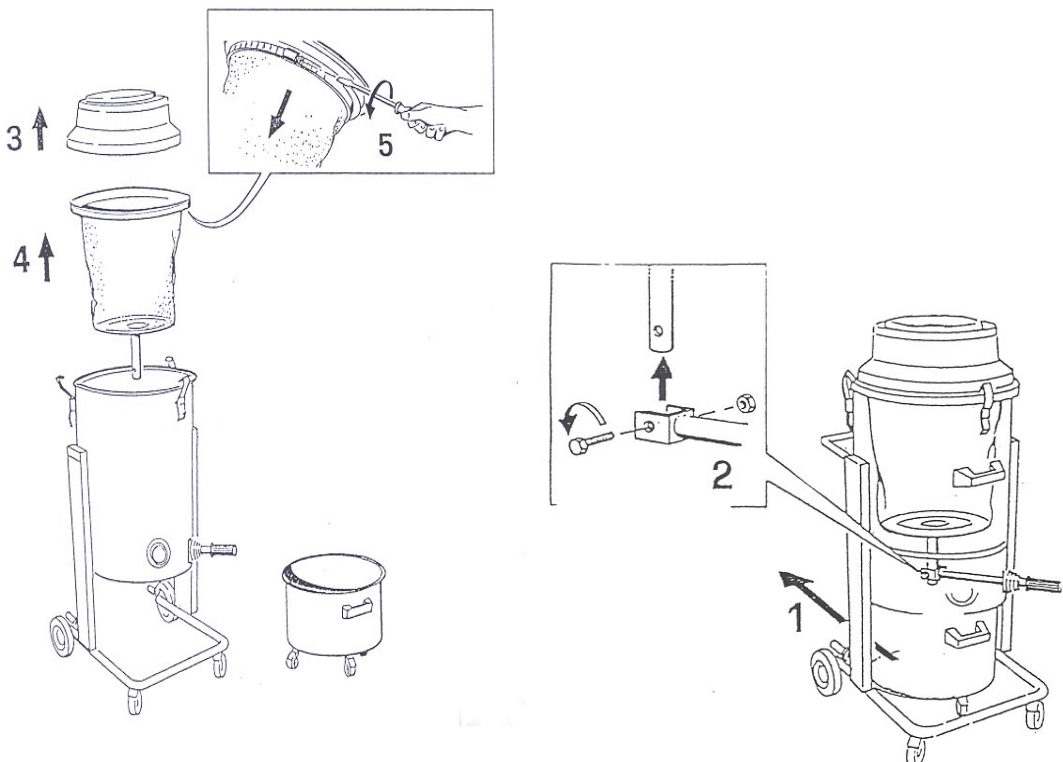
To Empty Debris Collection Tank

WARNING – As the filter will be dirty, protective eyewear, breathing mask and gloves must be worn.

To empty the debris container, turn off the vacuum motor and disconnect the plug from the power socket. Turn the two levers on the side of the vacuum cleaner fully forward. The debris container is now unlocked and easily transportable. When the container has been emptied, put it in its initial point and make sure that it is correctly arranged. Turn the two levers back to their original position and the container will be automatically locked. At this point the vacuum cleaner is ready to be used.

REPLACEMENT OF THE FILTER

1. Turn the two side levers that lock the removable debris collection tank fully forward and remove collection tank.
2. Remove pin and split pin that lock the filter on the shaking lever under the vacuum cleaner (see figure).
3. Release the two retainers that hold the motor head in place and lift the motor head off the vacuum. Rest this on a flat surface being careful not to damage the power cable.
4. Remove the filter container.
5. Take the filter out by loosening the filter clamps.
6. Remove the knots and take out the pocket filter. Fit the new filter and put everything back in place, locking the cap.



TROUBLESHOOTING

Loss of Suction:

1. Check for clogged filters.
2. Check hose and tools for obstructions or holes.
3. Check vacuum intake port for clogging.
4. Check for proper seal between debris collection tank and filter canister.
5. Check for proper seal between filter canister and ring of motor assembly, if necessary replace.

Dust is leaking out:

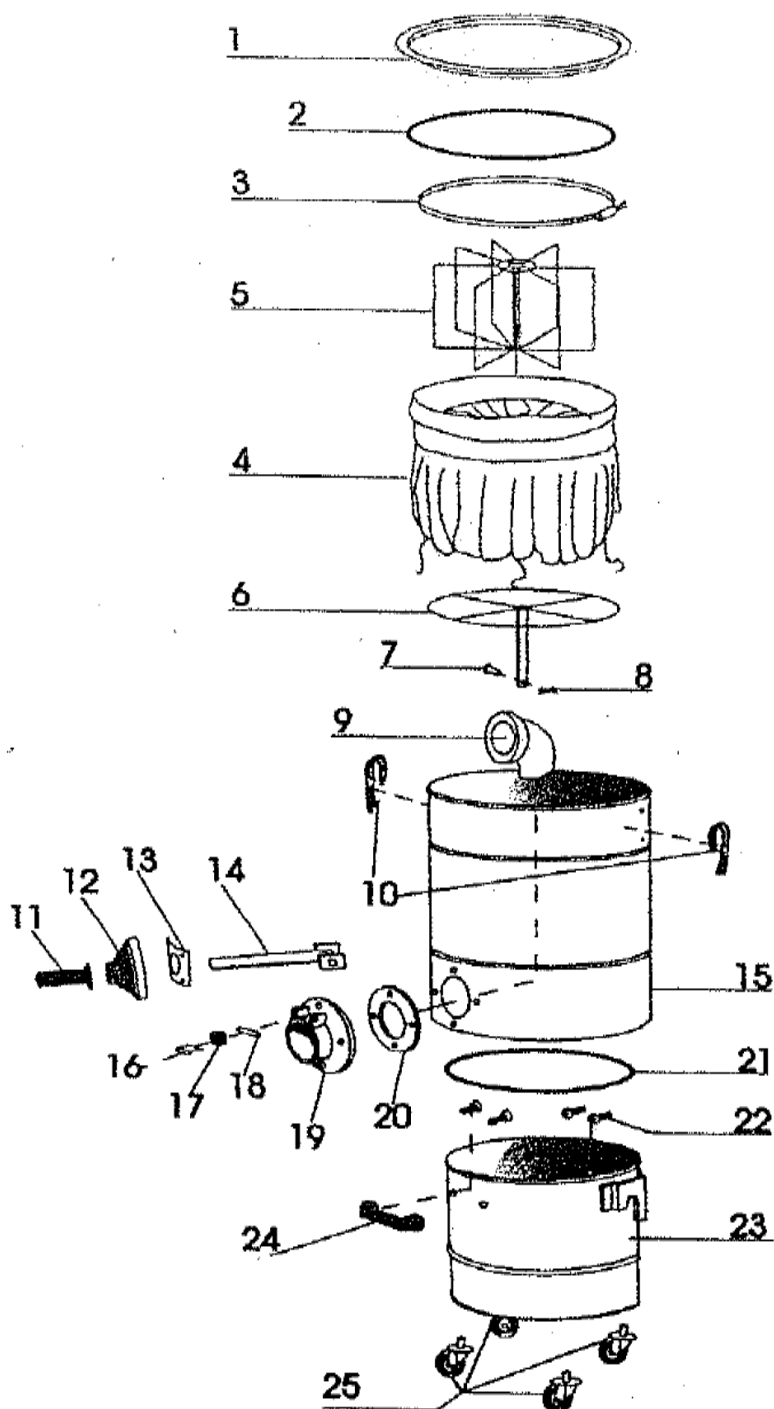
1. Perforated vacuum pipe. Replace the pipe.
2. Perforated filter. Replace the filter.
3. Filter unsuitable for type of job. Fit a suitable filter for the type of material to be vacuumed.

Contact Goodway Technologies Corporation's Customer Service at (800) 370-2855 if problems are not resolved.

Technical details

Motor(s):	Twin
Motor Power:	2.7 HP (total)
Input power:	15 amps, 115V, 50/60 Hz AC
Power Supply Cord:	30', 14-3
Static Water Lift:	90"
Air Displacement:	224 CFM
Filtration:	Standard: 3 microns polyester pocket Optional: 1 micron anti-static pocket and 0.3 micron HEPA
Tank Capacity (dry):	9 gallons
Noise Level:	75dBA
Dimensions:	15" diameter tank x 50" high
Weight	100lbs

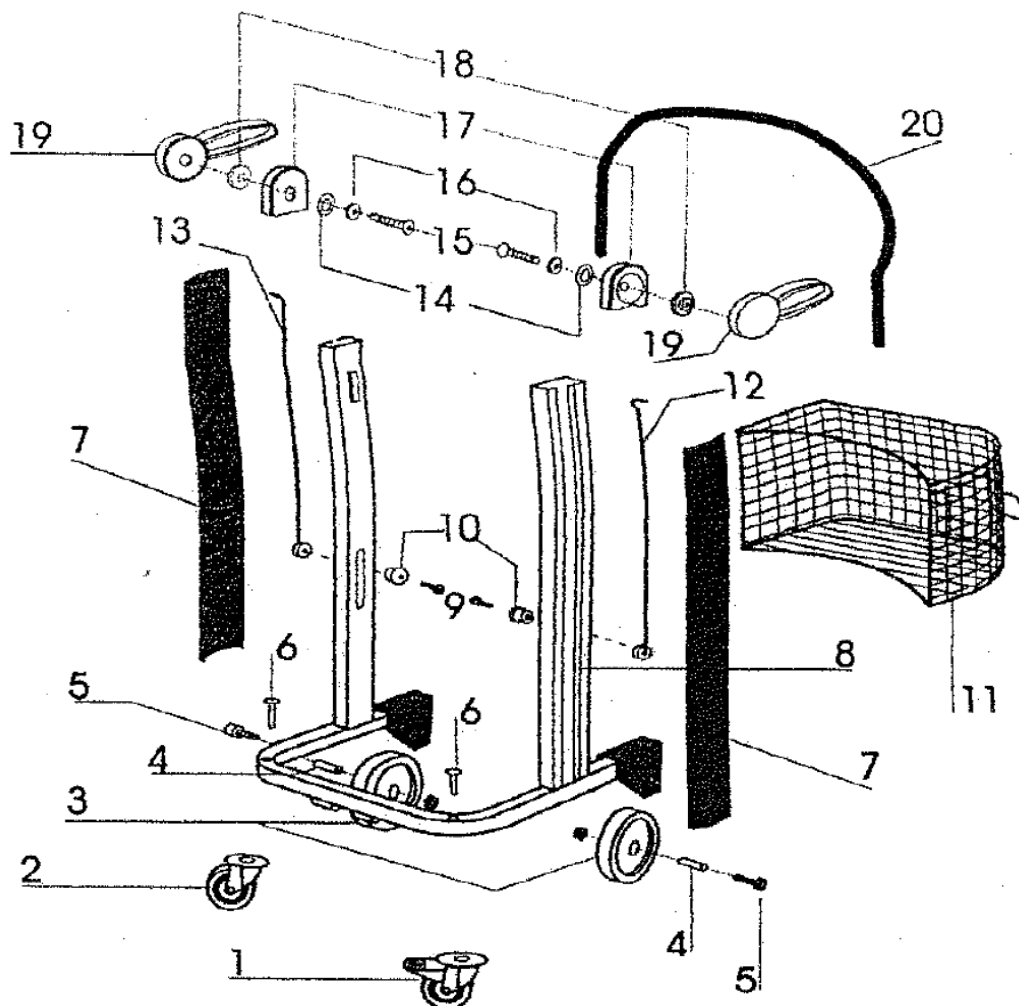
Body Assembly Drawing:



Body Parts List:

Ref#	Part#	Qty	Description
1	AR 3484	1	Metallic filter holder ring
2	AR 3485	1	Metallic filter holder seal
3	AR 3471	1	Metallic filter retainer clamp
4	AR 3444	1	16-pocket "G" pol. filter
5	AR 3487	1	Metallic 16-pocket filter tightener cage
6	AR 3586	1	Metallic filter-shaker cage
7	AR 2481	1	Filter shaker cage lock pin
8	AR 2480	1	Zig-zag spring
9	AR 2415	1	Die-cast deflector
10	AR 2002	2	Hook fastener
11	AR 2008	1	Filter-shaker lever knob
12	AR 2066	1	Bellows
13	AR 2065	1	Filter-shaker flange
14	AR 3489	1	Metallic filter-shaker lever
15	AR 3490	1	Metallic filter chamber
16	AR 2418	1	Die-cast union pawl
17	AR 2417	1	Die-cast union spring
18	AR 2416	1	Die-cast union pin
19	AR 2413	1	Die-cast union
20	AR 3491	1	Metallic die-cast union seal
21	AR 3439	1	Metallic cont. seal/chamber
22	AR 3492	4	Oval-head screw
23	AR 3493	1	Metallic container
24	AR 2061	2	Bridge handle
25	AR 2399	4	Castor

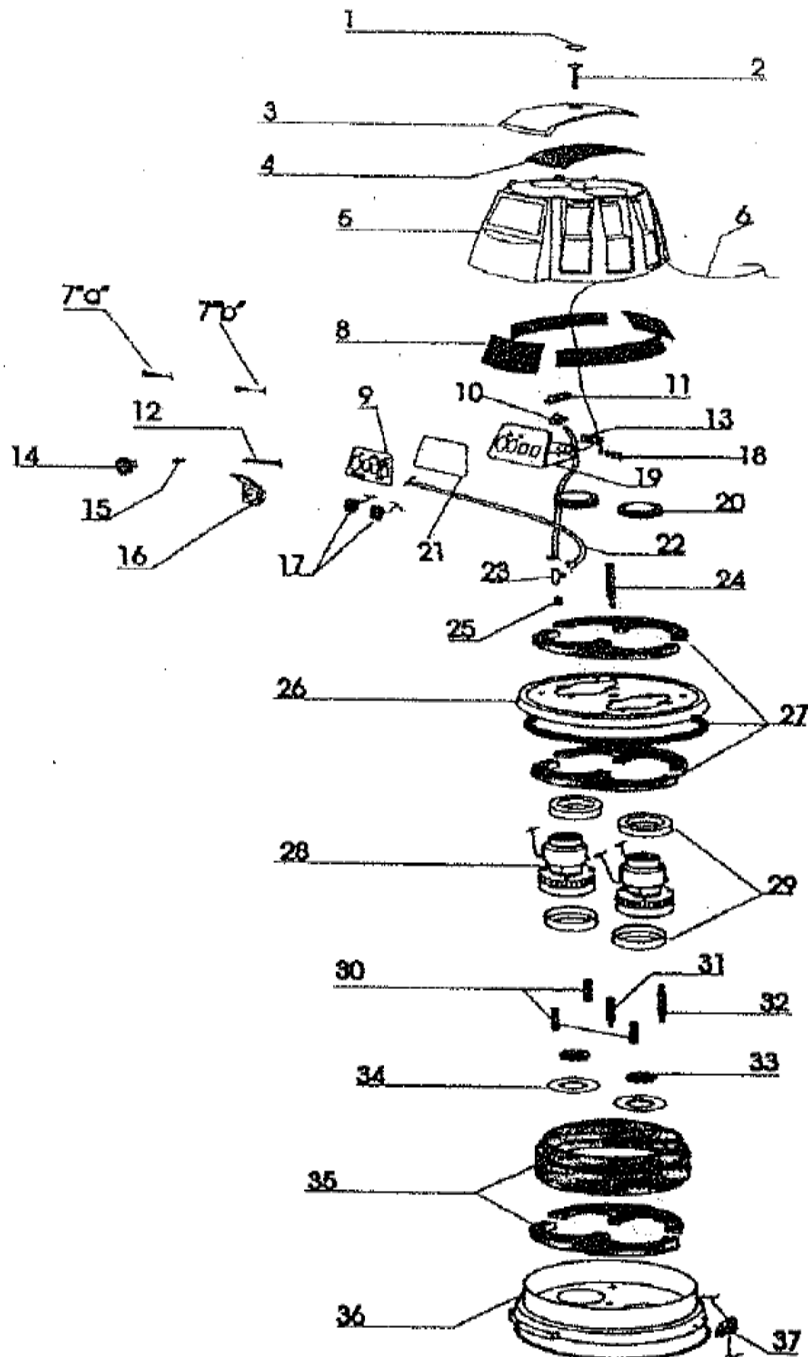
Trolley Assembly Drawing



Trolley Parts List

Ref#	Part#	Qty	Description
1	AR 3494	1	Castor with brake
2	AR 3495	1	Castor with brake
3	AR 3496	2	Fixed wheels
4	AR 3451	2	Wheel axles
5	AR 3497	2	Hexagon-head screw
6	AR 3498	2	Square under-head screw
7	AR 3499	2	PLT profile metallic columns
8	AR 3500	1	Metallic trolley frame
9	AR 3513	2	Socket cap screw for slider pawl
10	AR 2363	2	Slider pawl
11	AR 3502	1	Accessory basket
12	AR 3503	1	Right hand lifting release rod
13	AR 3504	1	Left hand lifting release rod
14	AR 3505	2	Nylon spacer
15	AR 3506	2	Countersunk screw for rotation fulcrum
16	AR 3507	2	Rotation closing washer
17	AR 3508	2	Aluminum body
18	AR 3509	2	Lever mechanism rotation fulcrum
19	AR 3510	2	Container fastening lever
20	AR 3511	1	Push handle

Motor Head Assembly Drawing



Motor Head Parts List

Ref#	Part#	Qty	Description
1	AR 3512	1	Logo
2	AR 3513	1	Socket cap screw
3	AR 3514	1	Head cap
4	AR 3515	1	Head cap sound-proofing
5	AR 3585	1	Head cover
6	AR 2029	1	Power cable
7	AR 3517	1	Green power indicator light
8	AR 3519	1	Head cover sound-proofing (set 6 pcs)
9	AR 3520	1	Instrument panel
10	AR 3521	1	Pressure switch
11	AR 3522	1	Terminal board
12	AR 3523	1	Air pipe
13	AR 2497	4	Fuse carrier
14	AR 3524	1	Vacuum meter
15	AR 3314	1	Air pipe connection piece
16	AR 3525	1	Socket
17	AR 3527	2	Switch
18	AR 2496	4	Fuses
19	AR 3529	1	Instrument panel
20	AR 2038	2	Cooling rings
21	AR 3528	1	Seal for instrument panel
22	AR 3530	1	Pipe
23	AR 3531	1	Female "T" union
24	AR 3532	1	M/F spacer
25	AR 3533	1	F/F spacer
26	AR 3534	1	Motor stopper
27	AR 3535	1	Motor stopper sound-proofing (set 5 pcs)
28	AA 2616	2	Bypass motor
29	AR 2037	4	Motor dampers
30	AR 3536	3	F/F spacers
31	AR 3537	1	M/F spacers
32	AR 3538	1	M/M spacers
33	AR 3539	2	Base valve
34	AR 3540	2	Open base
35	AR 3542	1	Base sound-proofing (set 4 pcs)
36	AR 3543	1	Base
37	AR 3544	1	Base cable gland

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**Goodway Technologies Corporation
manufactures and distributes a complete line of
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Systems, Vacuums, Floor Machines, Hi-Pressure
Washers and other maintenance related equipment.**



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