

ROBOTIC CLEANER

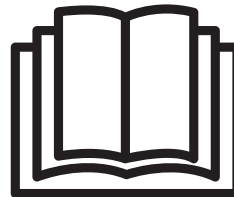
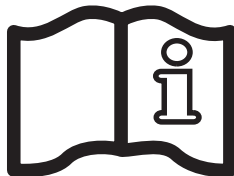
OWNER'S MANUAL



RC34 series

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS



Hayward Pool Products (Australia) Pty Ltd.

Melbourne-Sydney-Brisbane-Perth

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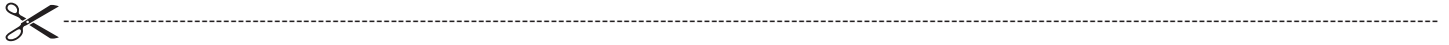
ABN 66 083 413 414

Sales Ph 1300POOLS1 Fx 1300POOLS2

OWNER'S MANUAL

Congratulations on your purchase of a microprocessor controlled fully automatic pool cleaner. This manual contains important information regarding the operation and maintenance of your cleaner. Please retain it for reference. For Technical Assistance, call Hayward at 1300 POOLS1.

**TO REGISTER YOUR CLEANER IN OUR DATABASE, GO TO:
www.hayward-pool.com.au**

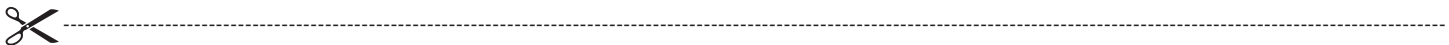


For Your Records

Record the following information for your convenience:


- 1) Purchase Date _____
- 2) Complete Name _____
- 3) Address _____
- 4) Postcode _____
- 5) Email Address _____
- 6) Part number _____ Serial number _____
- 7) Pool Dealer _____
- 8) Address _____
- 9) Postcode _____ Country _____


Note




Hayward Robotic Cleaners should not be used to clean the pool for spring start-up. On those occasions, where your pool is subjected to an abnormal debris load, maintenance steps should be taken to return the pool to a clean condition.

Basic safety precautions should always be followed, including the following: Failure to follow instructions can cause severe injury and/or death.

 This is the safety-alert symbol. When you see this symbol on your equipment or in this manual, look for one of the following signal words and be alert to the potential for personal injury.

 **WARNING** warns about hazards that **could** cause serious personal injury, death or major property damage and if ignored presents a potential hazard.


 **CAUTION** warns about hazards that **will** or **can** cause minor or moderate personal injury and/or property damage and if ignored presents a potential hazard. It can also make consumers aware of actions that are unpredictable and unsafe.

The **NOTICE** label indicates special instructions that are important but not related to hazards.




 **WARNING** - Read and follow all instructions in this owner's manual and on the equipment. Failure to follow instructions can cause severe injury and/or death.


 **WARNING** – This document should be given to the owner of the swimming pool and must be kept by the owner in a safe place.


 **WARNING** – This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been supervised/instructed and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children unless they are older than 8 and supervised. Keep the appliance and cable out of reach of children under 8 years.


 **WARNING** – To reduce risk of injury, do not permit children to use or climb on this product. Closely supervise children at all times.

 **WARNING** – HAYWARD only warranties the quality, performance and safety of its products when assembled with genuine Hayward manufactured parts. Use of non-genuine Hayward manufactured parts will void all warranty.

 **CAUTION** – Regularly inspect the cleaner and cables; do not use if damaged or if any rough edges are visible on the cleaner as this can cause damage to the pool.

 **WARNING** – Never operate the cleaner when there are people in the pool.

 **WARNING** – Before installing this product, read and follow all warning notices and instructions which are included. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage.





 **CAUTION** – Deterioration, discoloration or brittleness of any pool finish can be caused over time separately by, or in combination with, age, incorrect pool water chemistry, improper installation, and other factors. Customer hereby disclaims any and all claims, and releases Manufacturer from any and all claims for damages to any pool plaster or vinyl liner in Customer's pool by reason of the use and/or operation of the Cleaner. Under no circumstances shall the Manufacturer be liable for any loss or damage, whether direct, consequential or incidental, arising out of the use or inability to use the cleaner in Customer's pool.

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WARNING: Electrical Hazard. Failure to follow instructions can result in serious injury or death. FOR USE WITH RESIDENTIAL SWIMMING POOLS

CONSUMER INFORMATION AND SAFETY

 DANGER	Risk of electrical shock or electrocution The electrical supply to this product must be installed in accordance with all applicable local codes and AS/NZS 3000. Improper installation will create an electrical hazard which could result in death or serious injury to pool users or others due to electrical shock, and may also cause damage to property.
 WARNING	Do not play with cleaner or cable or apply to body. Can trap or tear hair or body parts. Cable can trip or entangle swimmers, which could result in drowning.
 CAUTION	Before installing the cleaner, understand cleaner coverage. The cleaner was not designed to automatically clean steps or to work under a solar cover. It was also not designed to do initial cleanup for a new pool installation.
 WARNING	Always stay out of the pool while cleaner is in operation or in the pool.

OPERATING THE CLEANER

 WARNING	A 30 mA differential protection device (RCD) must be installed to protect your electrical outlet and to prevent any possible electric shock. Failure to do so could create an electrical hazard which could result in death or serious injury to pool users or others due to electrical shock and may also cause damage to property.
 CAUTION	DO NOT switch the pool cleaner to “ ON ” if it is not immersed in the water. Operating the cleaner out of the water may cause severe damage and will result in loss of warranty. Always remember to turn off the power supply “ OFF ” and unplug it from the power outlet before removing the cleaner from the pool.
 WARNING	It is mandatory to allow a safety distance between the power supply and the pool as required by the current installation standard (3.5 m minimum).
 WARNING	Do not use an extension cord to connect to the power supply.
 CAUTION	Power supply heat sink surface may be hot. 

Keep the power supply control in shaded area.

The power supply control is equipped with an automatic shut off to prevent over heating if operated in direct sunlight.

IMPORTANT SAFETY INSTRUCTIONS

This robotic swimming pool cleaner has been manufactured with the highest degree of care and concern for safety. We suggest the following safety precautions become part of your pool safety regulations:

SAVE THESE INSTRUCTIONS

1. **⚠ WARNING - TO REDUCE THE RISK OF INJURY, DO NOT PERMIT CHILDREN TO USE THIS PRODUCT UNLESS THEY ARE CLOSELY SUPERVISED AT ALL TIMES.**
2. ALWAYS REMOVE THE CLEANER COMPLETELY FROM THE POOL PRIOR TO ENTERING THE POOL. ALWAYS STAY OUT OF THE POOL WHILE CLEANER IS IN OPERATION.
3. ALWAYS PUT THE MACHINE INTO THE WATER BEFORE CONNECTING IT TO THE RCD PROTECTED ELECTRICAL OUTLET.
4. BE CERTAIN THE MACHINE IS ONLY PLUGGED INTO A PROTECTED 230 V.a.c OUTLET THAT IS PROTECTED FROM SHORT-CIRCUITS. FIT A 30 mA DIFFERENTIAL PROTECTION DEVICE TO PROTECT PEOPLE FROM ELECTRIC SHOCK CAUSED BY A POSSIBLE BREAK IN THE ELECTRICAL INSULATION.
5. DO NOT USE AN EXTENSION CORD. THIS COULD CREATE A SAFETY HAZARD AND/OR DAMAGE YOUR CLEANER.
6. DO NOT HANDLE MACHINE WHILE IT IS PLUGGED INTO THE ELECTRICAL OUTLET.
7. NEVER ALLOW PLUG TO ENTER THE POOL.
8. DO NOT OPERATE THE MACHINE OUT OF WATER. THIS WILL DAMAGE THE MOTOR SEAL AND VOID THE WARRANTY.
9. DO NOT DRAG THE MACHINE OUT OF THE POOL AGAINST THE SIDE WALL. THIS COULD DAMAGE UNIT AND/OR YOUR POOL WALL.
10. **DO NOT BURY CORD. DO NOT OPERATE CLEANER WITH DAMAGED CORD. REPLACE DAMAGED CORDS IMMEDIATELY.**
11. **IF THE SUPPLY CORD IS DAMAGED IT MUST BE REPLACED BY THE MANUFACTURER, SERVICE AGENT, OR SIMILARLY QUALIFIED PERSONS IN ORDER TO AVOID A HAZARD.**
12. To maximize the life of the cleaner, remove it from the pool when not in use and store in a shaded area.
13. Use the product at an altitude less than 2000 m.

While the cleaner has been made to operate as safely as possible, we suggest you exercise reasonable care in the handling of the cleaner and inspect the electrical cord frequently for damage or wear, as with any other electrical appliance. After use, remove the unit and rinse with fresh water and remove any twists that may be present in the cord. Store the cleaner and power supply in a shaded area.



⚠ WARNING - READ THESE IMPORTANT OPERATING TIPS BEFORE USING YOUR UNIT!

Dear Hayward Robotic Cleaner Owner:

Thank you for choosing Hayward. In order to achieve optimal performance, please read and follow these steps:

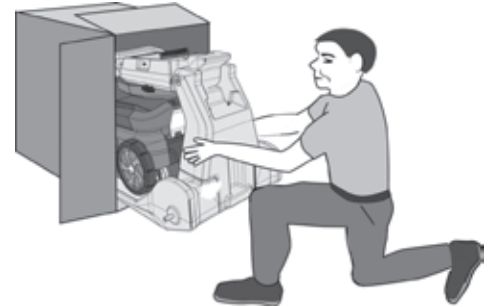
1. The power supply unit is suitable for outdoor use. It should always be kept out of direct sunlight, in a shaded area. It should never be exposed to temperatures of above 40°C.
2. Cleaner filter cartridges should be thoroughly cleaned after each use or as often as needed to ensure cleaner's optimal performance. (See the Maintenance section for filter cleaning instructions)
3. Before using your cleaner every time, ensure to remove larger items such as toys, large leaves and sticks, or other debris from the pool that may diminish the cleaner's performance.
Clean filter frequently when pool is excessively dirty.
4. For the first use, run the cleaner for the full cycle (3 hr walls and floor) to ensure a clean pool and you a full understanding of the cleaner's capabilities. Subsequent cleaning may only require the Quick Clean cycle - 90 minutes (predominantly floor cleaning only).
5. In the Quick Clean Cycle the cleaner may periodically go to the wall but not necessarily climb to the vertical position. This is a normal part of the programmed cycle.
6. Cleaner may stop in the middle of the pool and reverse during cleaning cycle. This is a normal part of the programmed cycle.
7. **DO NOT** start cleaner out of the water. The unit will automatically shut off, but it is best to unplug the power cord when unit completes cleaning.
8. Plug in only to a protected 230 Va.c (+/-6%) outlet that is close and protected from short circuits . Fit a 30 mA(RCD) differential protection device to protect people from electric shock caused by a possible break in the electrical insulation.
9. Place the cleaner power supply so that it is at a minimum distance of 3.5 meters from the pool edge. The length of the standard cleaner cable is 18.3 meters (60 feet).
10. Depending on the size and shape of your pool the entire length of the floating cable may not be necessary. The floating cable should reach from the cleaner power supply to the furthest point in the pool, plus the depth at the deep end of the pool. To reduce cable tangling any excess cable should be coiled and placed next to the power supply.



GENERAL OPERATING INSTRUCTION

Take a moment to get familiar with the cleaner.

Remove the cleaner by placing the carton down and removing it from the box as shown. Models with a caddy cart, the cleaner and the Power Supply Control should be mounted on the cart.



Caddy Cart Assembly

1.



2.



Insert Lower Hook using 2 self-tapping screws

3.



Insert Upper Hook using 2 self-tapping screws

4.



Remove plastic caps from axel. Lay cart on side, slide one wheel onto axel. Using a small hammer, gently tap axel cap onto axel. Turn cart over and install remaining wheel and cap.

5.



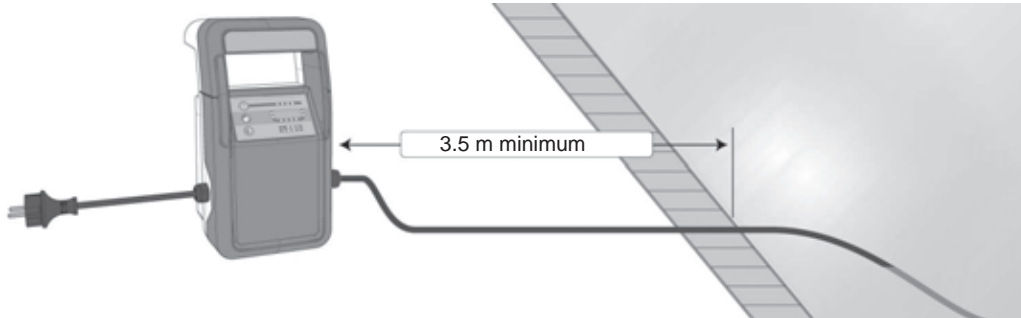
Mount cleaner & power supply

HAYWARD only warranties the quality, performance and safety of its products when assembled with genuine Hayward manufactured parts. Use of non-genuine Hayward manufactured parts will void all warranty.


1. Select the nearest 230 Va.c (+/-6%) outlet that is close and protected from short-circuits. Fit a 30 mA (RCD) differential protection device to protect people from electric shock caused by a possible break in the electrical insulation.

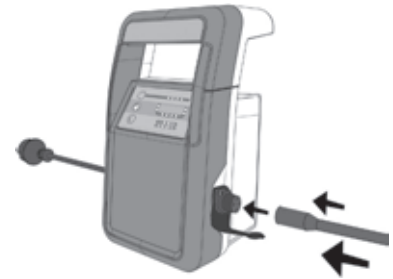
DO NOT PLUG THE POWER SUPPLY INTO THE POWER OUTLET YET.

2. Place the power supply so that it is at a minimum distance of 3.5 meters from the pool edge. The length of the standard cable is 18.3 meters.



3. Stretch out the floating cable along the pool deck in the sun to remove any twisting the cord has from storage and measure out the approximate amount of cleaner cord needed for pool coverage.

4. Connect the floating cable to the power supply.
Use only the original Power Supply Control manufactured by Hayward that carries this  Regulatory Compliance Mark for Australia.



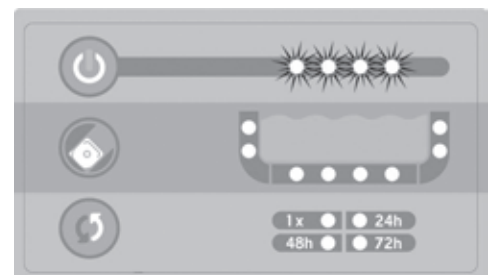
5. Place the cleaner in the pool. It will slowly sink to the bottom of the pool as the air inside is released.

⚠ Notice: To reduce risk of injury and prevent damage to the cleaner during the start up sequence the cleaner has been equipped with an out of water sensor. Should the cleaner sense that it is not in the water it will power itself down. To reset the cycle, switch off the power supply for 10 seconds. Turn the power supply back on and reset the inline RCD located on the power cord.

6. Plug the power supply cord into the Residential Current Device (RCD) protected electrical outlet and then press the reset button on the inline RCD located on the power cord of the unit.

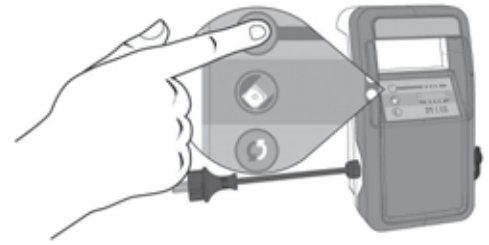


7. The power indicators should be slowly pulsing. This means that the power supply is in standby mode.



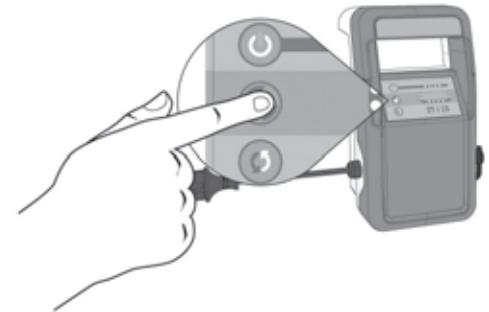
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8. To turn on the power supply, press the power button. While the indicator lights are quickly pulsing select the desired cleaning cycle mode and cleaning schedule.



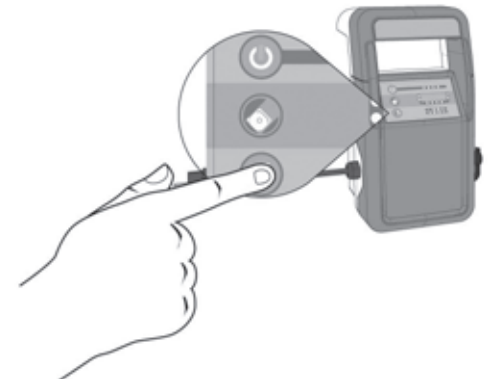
a. Press the cycle button to select the desired cleaning cycle mode (Quick Clean or Full Cycle mode).

- i. The Quick Clean (mainly floor) cleaning cycle duration is 1.5 hours
- ii. The Full Cycle (walls & floor) cleaning cycle duration is 3.0 hours



b. Press the schedule button to select the desired schedule mode.

- i. 1X = Single Cleaning Cycle. The cleaning cycle does not repeat
- ii. 24h = Daily Cleaning. The robotic cleaner will turn on once every 24 hours to perform the selected cleaning cycle. There is a limit of 7 consecutive cleaning cycles in this mode.
- iii. 48h = Every other day Cleaning. The robotic cleaner will turn on once every 48 hours to perform the selected cleaning cycle. There is a limit of 4 consecutive cleaning cycles in this mode.
- iv. 72h = Every third day Cleaning. The robotic cleaner will turn on once every 72 hours to perform the selected cleaning cycle.
- v. NOTE: This schedule must be reset/selected WEEKLY. This is to prevent damage to the cleaner if left unattended.



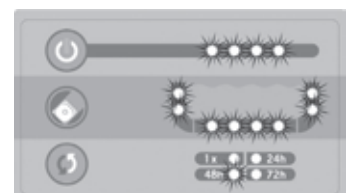
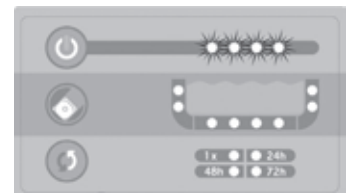
9. The robotic cleaner will automatically start the selected cleaning cycle when no buttons on the power supply have been pressed for 10 seconds. The power indicators, selected cleaning cycle mode indicators, and selected cleaning schedule indicator will light up continuously during the cleaning cycle.

Note: A cleaning cycle and schedule can be stopped by pressing the power button.

10. When the robotic cleaner has completed the cleaning cycle, the power supply will do one of the following:

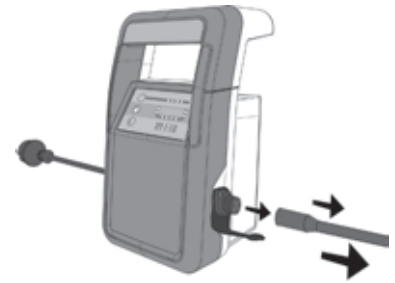
a. Enter standby mode. This happens if there are no more cleaning cycles remaining in the schedule.

b. Enter schedule standby mode. This means that the power supply is in between cleanings for the indicated schedule. The power indicators, selected cleaning cycle and cleaning schedule indicators will slowly pulse. The robotic cleaner will automatically turn on and start the selected cleaning cycle per the selected schedule.



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11. Unplug the power supply prior to removing the robotic cleaner from the pool.



Power Failure

If the power fails during a cleaning cycle or in between scheduled cleanings, the reset button on the inline RCD located on the power cord will need to be pressed for the cleaner to automatically start a new cleaning cycle.

Note: A new cleaning cycle will not be started if there was less than one whole cleaning cycle remaining in the selected schedule.

⚠ CAUTION: The power failure feature cannot distinguish a power failure from an unplugged power supply. This may cause the cleaner to initiate a cleaning cycle automatically when the power supply is plugged in and reset.

If the supply cord is damaged it must be replaced by the manufacturer, service agent, or similarly qualified persons in order to avoid a hazard.

All electrical connections must be done by a qualified electrician according to local codes and AS/NZS 3000 Wiring Rules.

OUT OF WATER SENSOR

To better protect the cleaner from damage, it will sense when being asked to turn on when not safely in water, or leaves the water during operation.

Out of Water Start Up

Out of water at start up means that the cleaner has been powered on before the cleaner has been placed in the water. If the cleaner senses that it is not in the water the unit will power itself down. To reset the cycle, switch off the power supply for 10 seconds and restart.

Out of Water Operation

Out of water during operation refers to the cleaner leaving or being removed from the water while in normal operation cycle. If the cleaner senses that it is no longer in the water, the unit will attempt to re-enter the water by reversing its current direction. If the cleaner is not submerged within ninety (90) seconds of leaving the water the unit will power itself down. To reset the cycle, switch off the power supply for 10 seconds and restart.

⚠ CAUTION: When removing cleaner from the pool do NOT reel it around your arm. The cleaner is heavy and may cause someone to lose their balance and fall into the pool. To avoid falling into the pool, gently reel the cable in hand-over-hand from the shallow end of the pool by gently pulling the cable until the cleaner reaches the surface. Then lift it out of the water using the handle, NOT the cable.

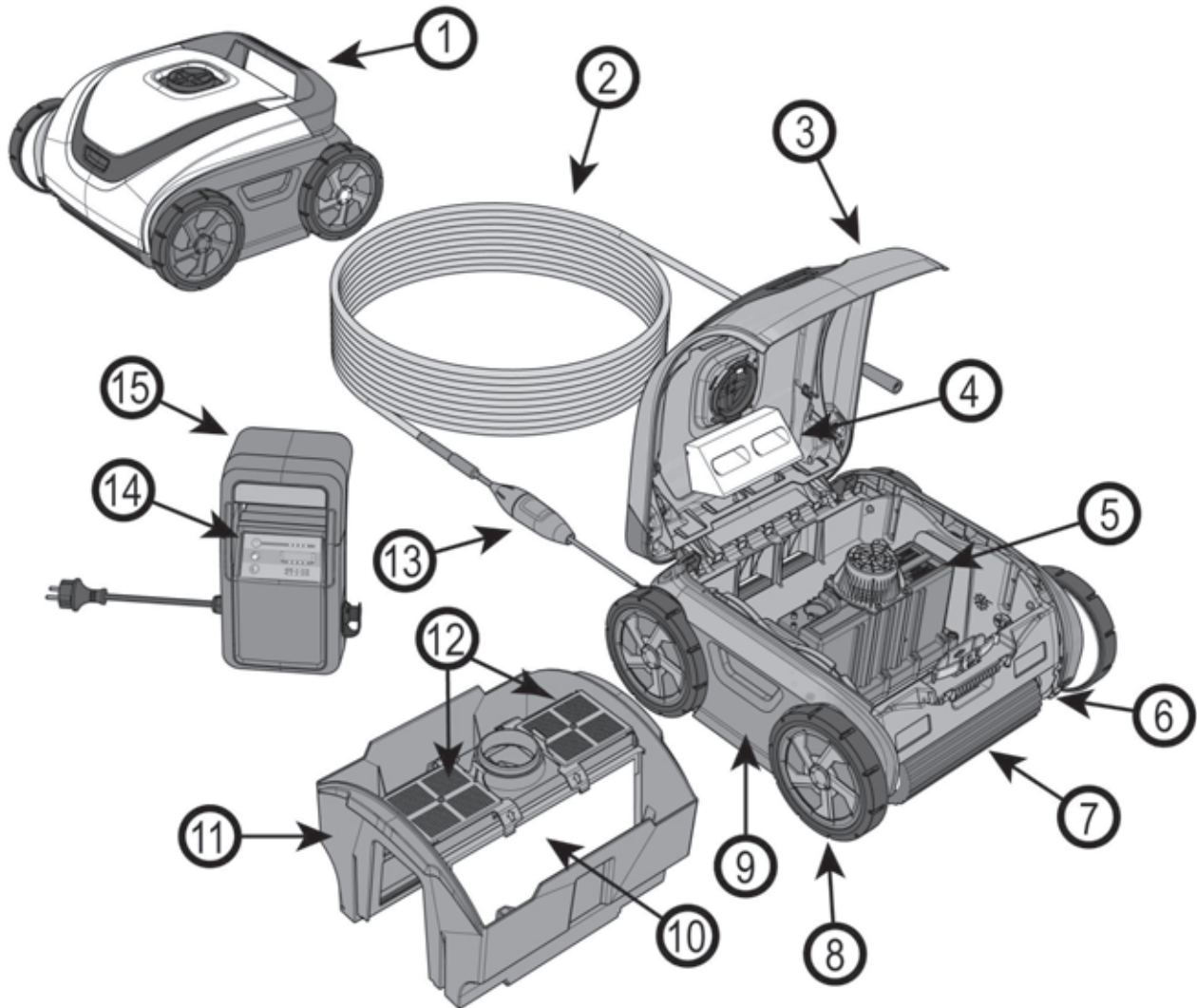
DO NOT ENTER THE SWIMMING POOL WHEN THE CLEANER IS OPERATING OR IN THE POOL.

Optimum operating water temperature range for the cleaner is 10°C - 35°C (50°F - 100°F).

Remove the cleaner from the pool, empty the filter bucket and clean filters after each use. Keeping the cleaner permanently in the pool may result in additional service requirements. (see maintenance section for cleaning instructions).

Keep the Power Supply Control Out of Direct Sunlight. Store the Cleaner and Power Supply in a shaded area.

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1	Handle	9	Side Panel
2	Floating Cable	10	Filter Cartridge
3	Dome Assembly	11	Filter Bucket
4	Float	12	Filter Door
5	Sealed Motor Unit	13	Cord Swivel
6	Drive Track	14	On/Off Switch
7	Wheel Brush and Tube	15	Power Supply
8	Wheel		

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MAINTENANCE

Clean the filter cartridge after each use:

1. Open the cleaner by pressing the lid button and lifting up the dome cover.
2. Remove the easy access filter bucket assembly by lifting it up out of the cleaner with both hands from each side.

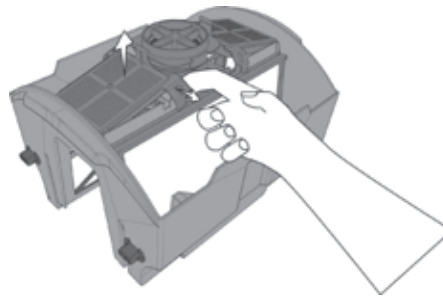


3. Flip the bucket assembly over to remove the debris and then rinse with a garden hose to remove small particles.

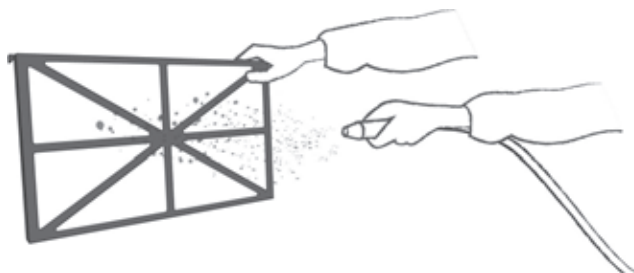
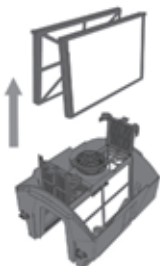


4. Filter cartridges do not need to be removed to clean.

5. For deep cleaning remove the filter cartridges:
 - a. Unsnap and lift up both filter door latches.

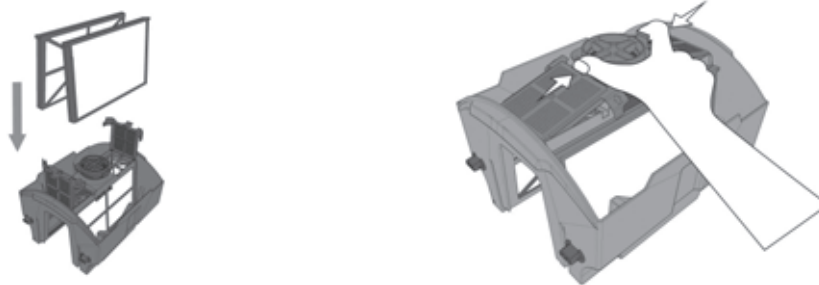


- b. Pull out the filter cartridges. Using a garden hose with a spray nozzle, wash the filter elements to remove debris. Hold the filter elements as shown to allow the debris to fall out. The cleaner your filter is the more effective the cleaner will be.

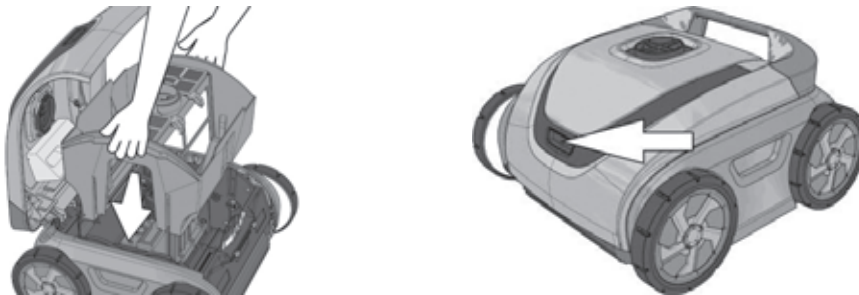


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- c. If filter elements are clogged with oils you can purchase filter cartridge cleaner from your Hayward retail dealer
- d. Wash the entire filter bucket assembly.
- e. Place the filter cartridges back into the filter bucket assembly with the center frame reinforcements facing inward.



- f. Snap the filter door latches into place.
6. Return the filter bucket assembly into the cleaner using the diagram shown to determine the front and back.

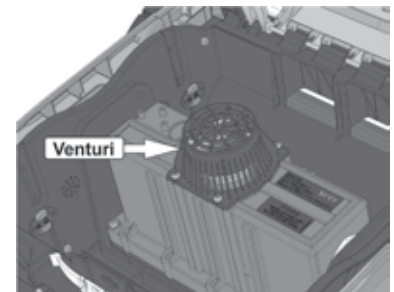


7. Close the dome and press the lid button to snap dome into place.

Periodic Cleaning of Moving Parts

⚠ WARNING: Disconnect the power supply from electrical outlet before cleaning moving parts.

- Inspect the venturi to ensure that no debris or hair has clogged the impeller.
- The impeller can be cleaned by spraying it with a garden hose.
- Spray water using a garden hose around the float to remove any sand or debris.
- Remove any debris that has accumulated between the tracks and wheels.



Storage

When unit is out of the water, store the cleaner in a dry, shady location at temperatures between 4°C - 46°C (40°F - 115°F).

Cable Care

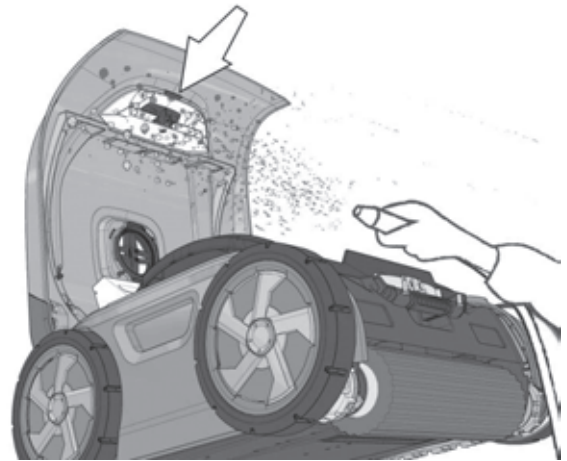
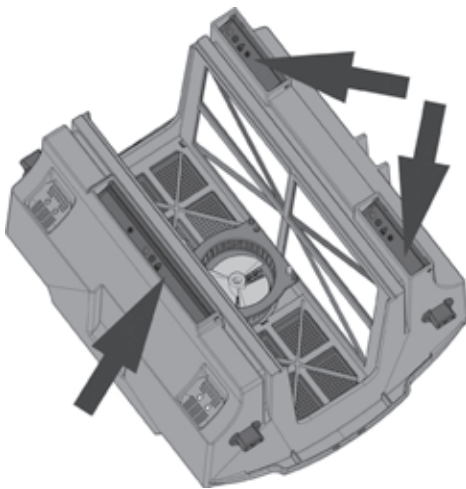
With continued use, the cable may become coiled (like a telephone cord). To correct this, stretch the cord out in the sun, the sun's heat will reduce cord twisting.

IMPORTANT: The cable should be checked periodically for any external damage.

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IMPORTANT TIPS

- Do not drop or throw the cleaner into pool. Place cleaner away from the pool wall but do not throw the cleaner in the pool.
- Cleaning the filter cartridges after every use maximises the units performance.
- Replace worn brushes or foam rollers.
- To avoid clogging the cleaner's filter elements, be sure all chemical powders are fully dissolved before operating the cleaner.
- In a pool with high calcium content, more frequent cleaning of the filter cartridges is recommended.
- Save the original carton for extended storage or shipping requirements should your cleaner require service by a Hayward Authorized Service Center.
- The sealed Motor Unit and the Power Supply contain no user-serviceable parts. Opening them will automatically **VOID** your warranty.
- Remove items such as thermometer, toys and the like from the pool before operating the unit. Such items can jam the cleaner and cause damage to the unit and/or your pool.
- The filter bucket is designed to be cleaned with the filters installed for normal clean up. For deep cleaning, the user can remove each filter cartridge and clean separately.
- During the normal operating cycle of the cleaner, the handle side of the unit will rise from the pool bottom to allow the unit to clear obstacles, such as elevated main drains and stair steps.
- For cleaners used in areas that have a lot of sand, the cleaner may need to be rinsed with water at all flapper (filter debris container flapper intake ports) areas, and may also require rinsing at the dome push button to allow free operation. See below pictures.



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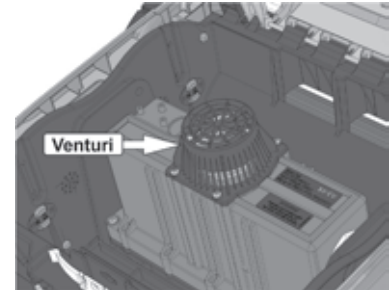
TROUBLESHOOTING - POWER SUPPLY

⚠ WARNING: Do not attempt to repair the power supply. There are no user serviceable parts.

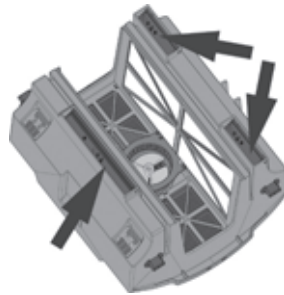
Symptom	Possible Solutions
No Power, power supply indicators do not light	<p>Make sure that the power supply is plugged into a functioning Residential Current Device (RCD) protected outlet and that the inline RCD has been reset. Note: Repeated RCD trips may indicate a faulty RCD or non repairable failure of the power supply. In such case, discontinue use of the power supply. Make sure that the service circuit breaker or fuse have not tripped.</p>
Cleaner does not operate	<p>It may take up to 1 minute from the start of a cleaning cycle for the cleaner to begin moving. Make sure that a cleaning cycle has been initiated.</p>
All power supply indicators flash, cleaner does not operate	<p>A problem was detected with the power supply. The flash pattern identifies the type of problem.</p> <p>*1 flash every 3 seconds: Overcurrent Detection: This may happen if debris becomes lodged in the impeller or drivetrain of the cleaner. A damaged cleaner cable is also a potential cause of this issue. This fault can be cleared by unplugging the power supply from the utility power for at least 1 minute.</p> <p>*2 flasher every 3 seconds: Over Temperature Detection. The failure will automatically reset and a cleaning cycle will commence when the power supply cools down. Place the power supply upright with the heatsink away from a wall or surface. Keep the power supply out of direct sunlight.</p> <p>*3 flashes every 3 seconds: Unplug the power supply from the utility power. Wait at least 1 minute to reset the fault. Make sure the cleaner cord is not plugged into the power supply. Plug the power supply power cord into the electrical outlet. Set the power supply to start a cleaning cycle. If this fault repeats, the problem is with the power supply. Otherwise, there is a problem with the cleaner or the cleaner cord.</p>

TROUBLESHOOTING - CLEANER

- If the cleaner fails to pick up fine or heavy debris:
 - It may be clogged. Clean the filter. A filter cleaning solution can be purchased from your Hayward retail dealer to remove excessive dirt and/or sand.
- If the cleaner starts working momentarily but then stops working:
 - Impeller may be clogged or jammed with debris, check and clean if necessary following the instructions in the maintenance section.
 - Brush roller or drive tracks may be stuck, check for debris and clean if necessary.
 - Cleaner performs by both timing and a pool wall detection sensor, whichever comes first.



- There are 3 intake ports located at bottom of filter bucket and near the brush roller, check for debris and clean if necessary.



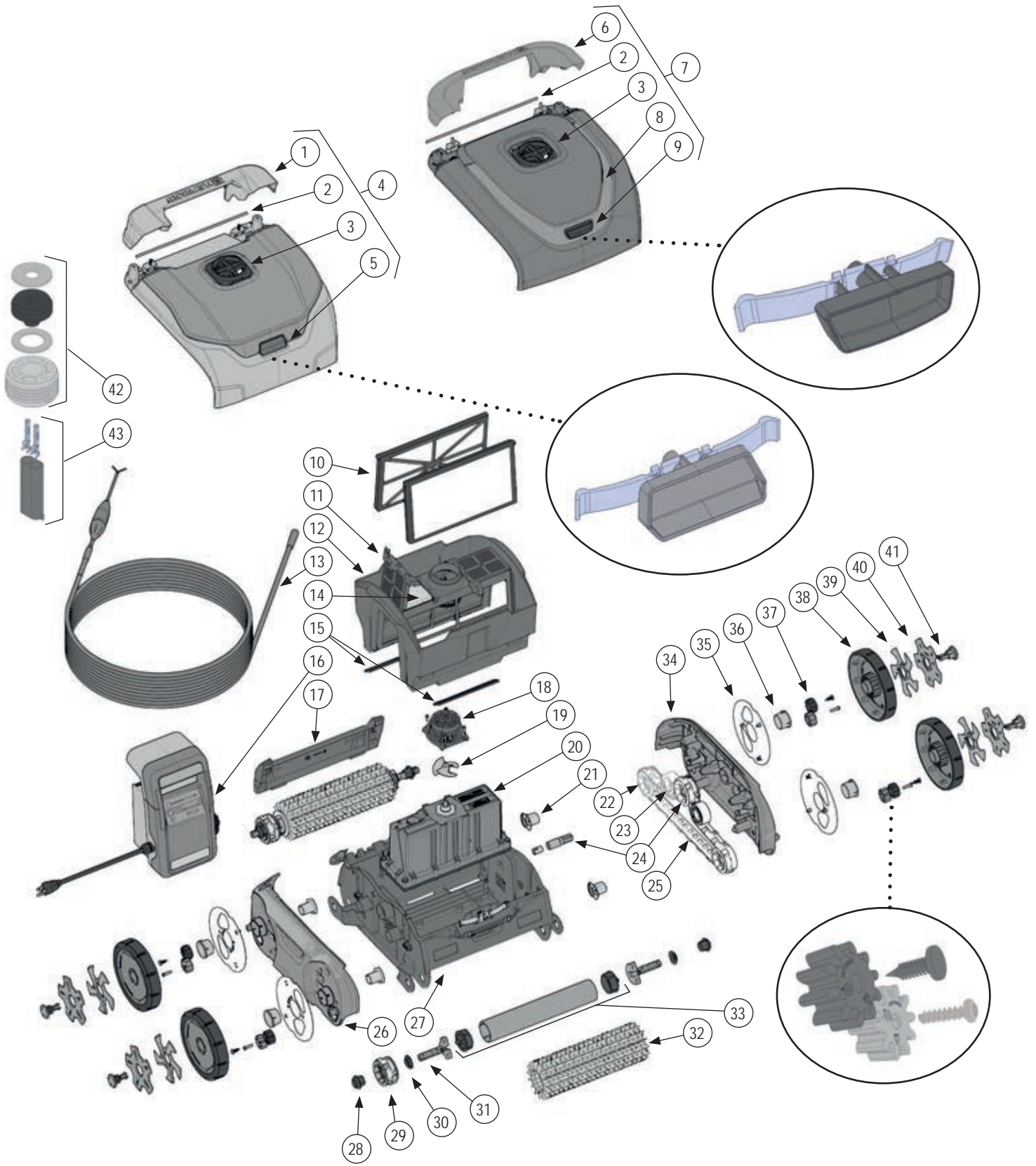
- Cleaner may get stuck if a high main drain is installed in the pool. Cleaner may remain lodged on the drain for a short period of time, but will eventually free itself by virtue of the cleaner's embedded program.
- Cleaner performance: Confusion may exist over the perception of how the cleaner operates at different times during each cycle. It is important to judge the performance of the cleaner by observing improved pool cleanliness after the cleaner has run a complete cleaning cycle.
- If a cleaner has poor coverage of the pool in one cycle or only covers a small area, check the filter and clean if necessary and make sure the unit is not getting caught on drains, in-floor cleaning heads or toys. The user may try starting the cleaner in different locations to find the optimum cleaning location.
- If debris falls from cleaner while removing from pool, it may be caused by filter overload, increase frequency of filter cleaning. Assure that there is no large debris blocking any of the three intakes. Large debris must be removed from the pool before using machine. If drain flaps are out of place or stuck by sand or leaves in the open position, the flaps can be snapped back into place, after cleaning the area.
- If the flotation cord gets twisted which can be caused by the cleaner getting stuck on large objects such as rocks, toys or main drains, it can be straightened by laying the flotation cord at full length (if possible) in the sun; heat from the sun will help reduce the cord twisting.
- If a high level of debris is visible through the dome windows (if so equipped), remove cleaner quickly from the water to reduce the chance of the debris escaping the filter bucket and re-entering the pool

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SPECIFICATIONS

Weight (w/o cable)	12.13 Kg (26.75 lb)		
Cable Length,	18.3 m (60 ft)		
Materials	High Impact ABS - Metal Parts of Non-Ferrous Stainless Steel		
Operating Water Temperature Range	10°C - 35°C (50°F - 100°F)		
Waterproof Sealing	Triple Redundant Radial Shaft Seals & O-ring		
Motor Housing	Sealed, Watertight, High Impact Polypropylene		
Overload Protection	Electronic Overload Monitoring with auto-shutoff		
Maximum Operating Depth	3 metres (IPX8)		
Filter			
Type	Removable, Re-Usable, Pleated Element Cartridge		
Media	Pleated Cellulose/Polyester Blend		
Cleaning Routine Control			
Type	Adaptive Seek Control Logic (ASCL [®]) Microprocessor		
Cleaning Cycle	Full Cycle	Quick Clean Cycle	
	3 hours	1.5 hours	
Drive System	Direct Drive w/Polyurethane Drive Track & Acetal/Stainless Steel Bearing System		
Power Supply			
Input Primary Voltage	230 Va.c +/- 6% 50 Hz, 0.65 Amps		
Output Secondary Voltage	29 Vd.c		
Rated Output Current	3.9 A		
Weight	4.42 Kg (9.75 lb)		
Shipping			
	Length	Width	Height
Carton Dimensions (mm)	620	440	752
Shipping Weight with Caddy	23.6 Kg (52 lb)		

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Part Number	Color	Part Number	Color	Part Number	Color	Part Number	Color	
1A	RCX341203OR	Orange	8D	RCX341106BK	Black	23	RCX26000PAK2	
1B	RCX341203GR4	Gray 4	8E	RCX341106GR4	Gray 4	24	RCX97502KIT	
2	RCX97429		9A	RCX341108RD	Red	25	RCX97501GR	
3A	RCX341242GR2	Gray 2	9B	RCX341108BL	Blue	26A	RCX341101GR2	Gray 2
3B	RCX341242GR3	Gray 3	9C	RCX341108GR3	Gray 3	26B	RCX341101OR	Orange
3C	RCX341242GR4	Gray 4	9D	RCX341108GR4	Gray 4	26C	RCX341101BK	Black
3D	RCX341242BK	Black	9E	RCX341108TR	Turquoise	26D	RCX341101GR3	Gray 3
4A	RCXHD2AAV500C	Gray 2	10A	RCX70101PAK2		26E	RCX341101GR4	Gray 4
4B	RCXHD2ARC5	Gray 2	10B	RCX70103PAK2		26F	RCX341101TR	Turquoise
4C	RCXHD2BRC500	White	11	RCX97417		27	RCX341142GR	
4D	RCXHD2GHAYWARD	Gray 2	12	RCX97415		28	RCX97506PAK2	
5A	RCX341205GR4	Gray 4	13	RCX341190		29	RCX97509PAK2	
5B	RCX341205TR	Turquoise	14	RCX97417SPAK2		30	RCX97435PAK2	
6A	RCX341107WH	White	15	RCX974057KIT		31	RCX97507PAK2	
6B	RCX341107BL	Blue	16	RCX341162AU		32A	RCX26008	
6C	RCX341107GR3	Cool Gray 3	17A	RCX341103GR2	Gray 2	32B	RCX26011WCE	
6D	RCX341107OR	Orange	17B	RCX341103BK	Black	33	RCX97410	
7A	RCXHD1AAV50S	White/Red	17C	RCX341103GR3	Gray 3	34A	RCX341102GR2	Gray 2
7B	RCXHD1CAV500	Gray 1/Black	17D	RCX341103GR4	Gray 4	34B	RCX341102OR	Orange
7C	RCXHD1EAV500S	White/Gray 3	17E	RCX341103TR	Turquoise	34C	RCX341102BK	Black
7D	RCXHD1EAV500SW	White/Gray 3	18	RCX341243BK	Black	34D	RCX341102GR3	Gray 3
7E	RCXHD1HAV500DS	White/Black	19	RCX341241BK	Black	34E	RCX341102GR4	Gray 4
8A	RCX341106RD	Red	20	RCX341195		34F	RCX341102TR	Turquoise
8B	RCX341106GR2	Gray 2	21	RCX341111PAK2		35A	RCX341127GR2	Gray 2
8C	RCX341106GR3	Gray 3	22	RCX97505PAK2		35B	RCX341127OR	Orange
						35C	RCX341127BK	Black
						35D	RCX341127GR3	Gray 3
						35E	RCX341127GR4	Gray 4
						35F	RCX341127TR	Turquoise
						36	RCX341109PAK2	
						37	RCX341145KIT	
						38A	RCX341113BKBL	Black/Blue
						38B	RCX341113GR4BK	Gray 4/Black
						38C	RCX341113WHBK	White/Black
						38D	RCX341113WHGR3	White/Gray 3
						39A	RCX341123RD	Red
						39B	RCX341123OR	Orange
						39C	RCX341123GR1	Gray 1
						39D	RCX341123GR3	Gray 3
						39E	RCX341123GR4	Gray 4
						40A	RCX341206GR4	Gray 4
						40B	RCX341206OR	Orange
						41A	RCX341112RD	Red
						41B	RCX341112WH	White
						41C	RCX341112GR1	Gray 1
						41D	RCX341112GR3	Gray 3
						41E	RCX341112OR	Orange
						41F	RCX341112GR4	Gray 4
						42	RCX59004KIT	
						43	RCX59002KIT	

Gray 1	Gray 2	Gray 3	Gray 4
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Warranty – Standard Conditions

Hayward Pool Products (Australia) Pty Ltd (ACN 083 413 414) ("Hayward Pool Products (Australia)") distributes Hayward Pool Products in Australia and New Zealand and provides the following warranties:

STATUTORY RIGHTS

1. The benefits to the consumer under this warranty are in addition to other rights and remedies of the consumer under the laws in relation to the goods and services to which the warranty relates; and
2. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You may be entitled to a replacement or refund for a major failure and for compensation for any other loss or damage. You are also entitled to have the goods repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

LIMITED WARRANTY

Hayward Pool Products (Australia) warrants that its products are free from defects in materials and manufacture for 12 months from date of supply by Hayward Pool Products (Australia) plus 90 days to allow for installation and supply (unless otherwise specified). Hayward Pool Products (Australia) will at its discretion, except in the circumstances described below, either replace or repair any product proven to be defective during the warranty period for either materials or manufacture or alternatively pay the cost of repair or replacement within 90 days of the receipt of the defective product, barring unforeseen delays. This warranty is personal to the original purchaser and does not pass to any subsequent purchaser(s).

To the extent permitted by law, Hayward Pool Products (Australia) will not be liable for products which fail or become defective during the warranty period as a result of freezing, accident, negligence, improper installation, water chemistry, misuse or lack of care.

To the extent permitted by law, except as set out in this Warranty, Hayward Pool Products (Australia) excludes all statutory or implied conditions and warranties and any other liability it may have to the Customer (including liability for indirect or consequential loss) that may arise under statute or at law including without limitation for breach of contract, in tort (including negligence) or under any other cause of action.

To the extent permitted by law, except as set out in this Warranty, Hayward Pool Products (Australia) limits its liability under any condition or warranty which cannot be legally excluded in relation to the supply of Goods and Services to:

1. Replacing the Goods or supplying equivalent Goods or Services again;
2. Repairing the Goods;
3. Paying the cost of replacing the Goods or of supplying equivalent Goods or Services again; or
4. Paying the costs of repairing the Goods.

WHAT TO DO IF YOU HAVE A WARRANTY CLAIM

The faulty product is to be returned to the place of purchase, or where installed by an approved agent to an authorised warranty agent. No returns will be received directly from end consumers by Hayward Pool Products (Australia). You are responsible for arranging removal of the defective product and arranging installation of the repaired or replacement product, all transportation (and any applicable insurance costs) of transporting the product to the supplier and transporting the replaced or repaired product from the supplier.

All returns are subject to Hayward Pool Products (Australia)'s written approval and must be accompanied by either:-

1. A Field Inspection Report authorised by the Local Customer Service Manager or Authorised Agent; or
2. A "Return Goods Authorisation" form obtained from Hayward Pool Products (Australia) prior to shipment.

Unauthorised returns will not be accepted.

All Hayward Pool Products (Australia) warranty parts taken as an across the counter warranty exchange must be held for inspection until authorisation has been given by the Local Branch Customer Service Manager to dispose of them. Hayward Pool Products (Australia) reserves the right to provide replacement or credit for any items authorised under this warranty program.

All claims must be accompanied by a copy of original purchase receipt, clearly stating date of purchase. All serial numbers must place the product within the warranty period or a proof of purchase is required. No claims in respect of the product can be made after the expiration of the warranty period.

Warranty service requests can be faxed to:

Hayward Pool Products (Australia) Pty Ltd.

Fax: 1300 POOLS2 (1300 766571)

Or submitted to your local Hayward Pool Products (Australia) Branch Office.

A standard form is available to request warranty service. We will require:

- Installation contact information including address, daytime telephone numbers, home phone number, email etc.
- Complete model and serial number
- Proof of purchase (if the serial number was manufactured > 1 year ago).
- Evidence that purchase and Installation was completed in one transaction, by the one business or organisation.
- Nature of problem including specific faults and error codes