



Poolcomm Setup

Wireless Capability with Water Quality Controllers


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IMPORTANT SAFETY INSTRUCTIONS

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.

Hayward Commercial Pool Products
10101 Molecular Drive, Suite 200
Rockville, MD 20850
www.haywardcommercialpool.com



To activate your new CAT 4000 wireless controller on the Poolcomm web site you must first create an account.

Register PoolComm Account

Go to www.poolcomm.com, and select the “Register Account” link on the top left of the page. Complete all the required company information and press “Register”. You will receive an email containing your 8-letter login in password. This can be changed to a password of your choice after your first login.

Register New Unit

Once logged in, select the “Register New Unit” tab. Next using the six digit serial number printed on the side of the controller, fill in all the information and then select “Register Unit”. After this screen, you may assign the unit to any sub-account already created.

Change Password

To change your password, select “Manage Account” from the left side of the Pool Summary page. Next to the login name, you can select the “Change Password” option. Enter your assigned 8-letter password then select a password of your choice.

Assign Email & Text Notifications

Under the “Manage Account” tab, scroll down to “Email and Text Notification” section. Enter the email address you would like to receive alarm notifications and Service Requests, ensuring the drop down box next to it is set to “email” and then press “Update”. This email address will receive alarms for every unit registered under this account. To add additional email address, press the “Add New” button below the email address already registered, and a new line will appear to add the new email. To add a phone number for text alerts, follow the same instructions, but in the drop down box select the service provider of the phone number you are adding. Text alerts will be received at the same time as email alerts.

CAT Controller Start-Up Procedures

Cell and Satellite

All CAT controllers set up on Cell and Satellite networks come already activated for wireless communication. Once the unit has been installed and registered on www.poolcomm.com, the devices will begin to communicate. Local reception and antenna positioning can affect communication capability, if the unit does not communicate please call 301-838-4001 and ask for technical support.

WIFI

WIFI Controllers communicate via local WIFI networks. Before these units can begin to communicate, they must be configured to connect to the local WIFI network. Please consult the WIFI Connectivity Checklist also included for technical information and see WIFI Connectivity Setup included.

WiFi Connectivity Setup



1) Plug in controller and wait at least 5 minutes after powering up. Press MENU. Scroll up to "Configuration Setup" and press ENTER.



2) Scroll up to "WLAN Setup" and press ENTER.



3) Press ENTER under the "Network" selection.



5) Scroll down to find your wireless network. Press ENTER to select. If display shows "None", then please allow an additional 5 minutes for unit to try to find networks.

WIFI Connectivity Setup Cont.



6) Scroll down to "Security Mode" and select using the ENTER button.



7) Select relevant security setting. Security setting types are as follows, and can be found on your router or by contacting your internet service provider.*

- WPA
- WPA2
- WEP-64
- WEP-128

*If your network is unsecured, meaning it does not require a password, then you can skip steps 8 & 9.



8) Using the UP and DOWN buttons, input the password then press ENTER. Allow at least 5 minutes for unit to establish network connection, depending on your wireless network speed. After this, you may test it by hitting the "Transmit" button.



HAYWARD®



A 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.

A WARNING - Suction Entrapment Hazard.

Suction in suction outlets and/or suction outlet covers which are, damaged, broken, cracked, missing, or unsecured can cause severe injury and/or death due to the following entrapment hazards:



Hair Entrapment- Hair can become entangled in suction outlet cover.



Limb Entrapment- A limb inserted into an opening of a suction outlet sump or suction outlet cover that is damaged, broken, cracked, missing, or not securely attached can result in a mechanical bind or swelling of the limb.



Body Suction Entrapment- A negative pressure applied to a large portion of the body or limbs can result in an entrapment.
Evisceration/ Disembowelment - A negative pressure applied directly to the intestines through an unprotected suction outlet sump or suction outlet cover which is, damaged, broken, cracked, missing, or unsecured can result in evisceration/ disembowelment.

Mechanical Entrapment- There is potential for jewelry, swimsuit, hair decorations, finger, toe or knuckle to be caught in an opening of a suction outlet cover resulting in mechanical entrapment.

A WARNING - To Reduce the risk of Entrapment Hazards:

- o When outlets are small enough to be blocked by a person, a minimum of two functioning suction outlets per pump must be installed. Suction outlets in the same plane (i.e. floor or wall), must be installed a minimum of three feet (3') (1 meter) apart, as measured from near point to near point.
- o Dual suction fittings shall be placed in such locations and distances to avoid "dual blockage" by a user.
- o Dual suction fittings shall not be located on seating areas or on the backrest for such seating areas.
- o The maximum system flow rate shall not exceed the flow rating of as listed on Table 1.
- o Never use Pool or Spa if any suction outlet component is damaged, broken, cracked, missing, or not securely attached.
- o Replace damaged, broken, cracked, missing, or not securely attached suction outlet components immediately.
- o In addition two or more suction outlets per pump installed in accordance with latest ASME, APSP Standards and CPSC guidelines, follow all National, State, and Local codes applicable.
- o Installation of a vacuum release or vent system, which relieves entrapping suction, is recommended.

A WARNING - Failure to remove pressure test plugs and/or plugs used in winterization of the pool/spa from the suction outlets can result in an increase potential for suction entrapment as described above.

A WARNING - Failure to keep suction outlet components clear of debris, such as leaves, dirt, hair, paper and other material can result in an increase potential for suction entrapment as described above.

A WARNING - Suction outlet components have a finite life, the cover/grate should be inspected frequently and replaced at least every ten years or if found to be damaged, broken, cracked, missing, or not securely attached.

A CAUTION - Components such as the filtration system, pumps and heater must be positioned so as to prevent their being used as means of access to the pool by young children. To reduce risk of injury, do not permit children to use or climb on this product. Closely supervise children at all times. Components such as the filtration system, pumps, and heaters must be positioned to prevent children from using them as a means of access to the pool.



A WARNING - Hazardous Pressure. Pool and spa water circulation systems operate under hazardous pressure during start up, normal operation, and after pump shut off. Stand clear of circulation system equipment during pump start up. Failure to follow safety and operation instructions could result in violent separation of the pump housing and cover, and/or filter housing and clamp due to pressure in the system, which could cause property damage, severe personal injury, or death. Before servicing pool and spa water circulation system, all system and pump controls must be in off position and filter manual air relief valve must be in open position. Before starting system pump, all system valves must be set in a position to allow system water to return back to the pool. Do not change filter control valve position while system pump is running. Before starting system pump, fully open filter manual air relief valve. Do not close filter manual air relief valve until a steady stream of water (not air or air and water) is discharged.



A WARNING - Separation Hazard. Failure to follow safety and operation instructions could result in violent separation of pump and/or filter components. Strainer cover must be properly secured to pump housing with strainer cover lock ring. Before servicing pool and spa circulation system, filters manual air relief valve must be in open position. Do not operate pool and spa circulation system if a system component is not assembled properly, damaged, or missing. Do not operate pool and spa circulation system unless filter manual air relief valve body is in locked position in filter upper body. Never operate or test the circulation system at more than 50 PSI.



HAYWARD®



A WARNING - Risk of Electric Shock. All electrical wiring **MUST** be in conformance with applicable local codes, regulations, and the National Electric Code (NEC). Hazardous voltage can shock, burn, and cause death or serious property damage. To reduce the risk of electric shock, do **NOT** use an extension cord to connect unit to electric supply. Provide a properly located electrical receptacle. Before working on any electrical equipment, turn off power supply to the equipment. To reduce the risk of electric shock replace damaged wiring immediately. Locate conduit to prevent abuse from lawn mowers, hedge trimmers and other equipment. Do **NOT** ground to a gas supply line.

A WARNING - Risk of Electric Shock Failure to ground all electrical equipment can cause serious or fatal electrical shock hazard. Electrical ground all electrical equipment before connecting to electrical power supply.

A WARNING - Risk of Electric Shock Failure to bond all electrical equipment to pool structure will increase risk for electrocution and could result in injury or death. To reduce the risk of electric shock, see installation instructions and consult a professional electrician on how to bond all electrical equipment. Also, contact a licensed electrician for information on local electrical codes for bonding requirements.

Notes to electrician: Use a solid copper conductor, size 8 or larger. Run a continuous wire from external bonding lug to reinforcing rod or mesh. Connect a No. 8 AWG (8-4 mm²), [No. 6 AWG (13.3 mm²), for Canada] solid copper bonding wire to the pressure wire connector provided on the electrical equipment and to all metal parts of swimming pool, spa, or hot tub, and metal piping (except gas piping), and conduit within 5 ft. (1.5 m) of inside walls of swimming pool, spa, or hot tub.

IMPORTANT - Reference NEC codes for all wiring standards including, but not limited to, grounding, bonding and other general wiring procedures.

A WARNING - Risk of Electric Shock . The electrical equipment must be connected only to a supply circuit that is protected by a ground-fault circuit-interrupter (GFCI). Such a GFCI should be provided by the installer and should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the electrical equipment without the test button being pushed, a ground current is flowing, indicating the possibility of an electrical shock. Do not use this electrical equipment. Disconnect the electrical equipment and have the problem corrected by a qualified service representative before using.

A CAUTION - HAYWARD® pumps are intended for use with permanently-installed pools and may be used with hot tubs and spas if so marked. Do not use with storable pools. A permanently-installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity.

SAVE THESE INSTRUCTIONS

For further information, visit our website at
www.haywardcommercialpool.com



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