



Dedicated to
Commercial Pools & Spas



2013

Hayward® Commercial Pool
Product Catalog

Total System: Pumps | Filters | Heating | Cleaners | Sanitization | Automation | Lighting | Safety | White Goods | Flow Control

Best in Class, Unrivalled Performance.

Hayward® Commercial Pool welcomes you to our new 2013 catalog.

2013 is another exciting year for Hayward® Commercial Pool products. Introduction of the new Universal CrystaLogic™ White LED Light range further demonstrates our ability to incorporate new technology to deliver high-performance energy-efficient products. Our all new second generation of Commercial Sand Filters takes performance, reliability and user friendliness of this established technology to the next level. Other key products in our line have been extended and refreshed with new exciting features. Our Commercial team has also grown as have our tools and systems to better serve our builders, channel partners, pool designers and architects. With the superior technology and backing of the same great team of Operations, Engineering and Customer Service, Hayward is prepared to continue leading at the forefront of the Commercial Pool industry.

We hope to continue connecting with all of our customers through our "Pool Pro" social media platforms as well as through our Totally Hayward® Program so you can stay up-to-date on the latest from Hayward and have some fun while building up your business. The Totally Hayward Program allows you to get rewarded on all partner purchases. Rewards include trips, sporting equipment, electronics, clothes, and even cash. See www.HaywardRewards.net for more details.

Whether you're a long-time partner of ours or just started thinking about working with us, we are eager to show you what Hayward Commercial Pool has in store for 2013. Give us a call at 1.800.657.2287 or visit us at www.haywardcommercialpool.com for more information.



New for 2013!

- Next Generation, High-Performance HCF Series Sand Filters
- Universal CrystaLogic White LED Lights
- CAT Controllers® Chemical Automation technology now certified to NSF/ANSI Standard 50, refreshed aesthetic controller design and added communication options, Wi-Fi® and Cellular





Hayward® Commercial Pool

Finished Goods and Accessories

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Commercial Pumps

Hayward® Commercial offers a complete line of technologically advanced self-priming commercial pumps ranging from the industry's most efficient swimming pool pump, the variable speed EcoStar®C to the large horsepower HCP Series pumps in sizes 5.5 through 12.5hp.

NSF®

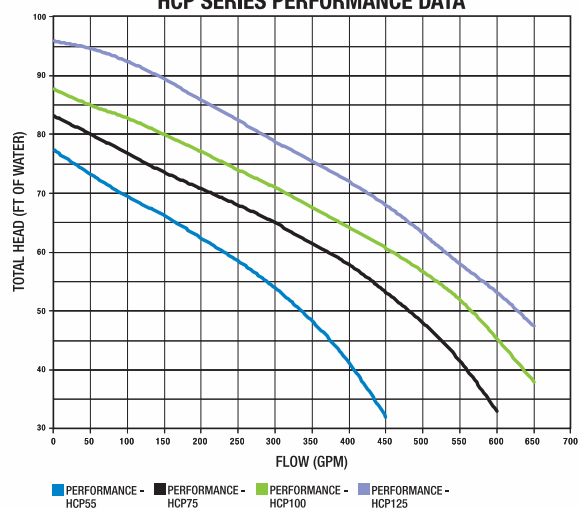


HCP Series Pumps

Hayward® Commercial HCP self-priming pumps provide a technologically advanced alternative to traditional bronze or cast iron pumps. Their lightweight, Noryl®¹ thermoplastic housings make one-man installation easy. The all-plastic housing construction and modern TEFC motor design afford a high level of protection and reliability in the commercial pump room environment. A transparent cover lid with tool-free opening mechanism allows visual inspection of the strainer basket, simplifying maintenance. Four pumps in the Hayward Commercial Series, ranging from 5.5 to 12.5 hp, allow right-sizing for most high-flow, medium head applications.

- Suitable for commercial swimming pools, spas and water features
- Lightweight, glass-reinforced Noryl hydraulic body
- Impeller and flange made from glass-reinforced Noryl for maximum strength-to-weight ratio
- NSF listed

HCP SERIES PERFORMANCE DATA



All motors Certified to UL1004, IP 55 protection, insulation class F 60 Hz., 3,550 R.P.M.

¹ Noryl is a registered trademark of Sabic Innovative Plastics.

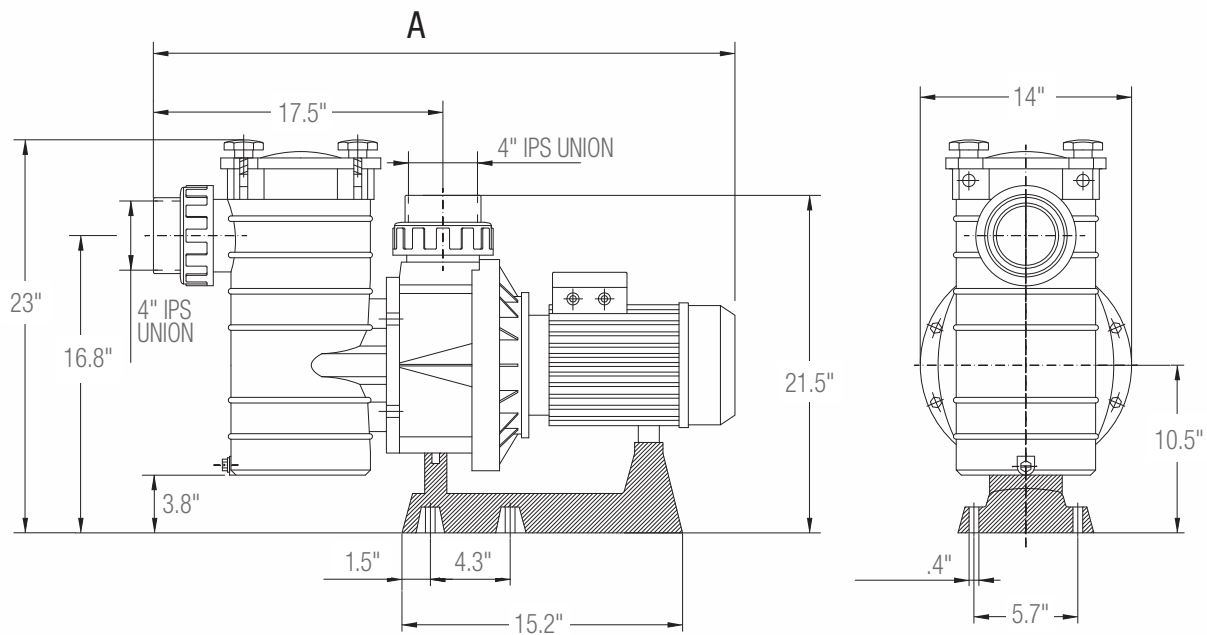
Head Loss in Ft – HCP Single Speed Pumps

GPM	PERFORMANCE - HCP55	PERFORMANCE - HCP75	PERFORMANCE - HCP100	PERFORMANCE - HCP125
0	77.4	83.2	87.78	95.9
50	73.3	80.1	85	94.64
100	69.5	76.8	82.8	92.44
150	66.2	73.6	80	89.42
200	62.4	70.8	77.1	85.9
250	58.5	68	74	82.43
300	53.9	65	71	78.8
350	48.3	61.4	67.7	75.5
400	41.2	57.9	64.2	72
450	32	53.2	60.7	68
500		48	56.7	63.2
550		41.5	51.9	58
600		33	45.33	53.2
650			38	47.4
700				

Part Number	Horsepower	Voltage	Amps	Carton Quantity	Carton Weight (lbs.)
HCP55	5.5 hp	230/460 Three Phase	14.6/7.3	1	110.0
HCP75	7.5 hp	230/460 Three Phase	21/10.5	1	125.0
HCP100	10.0 hp	230/460 Three Phase	26.1/13	1	142.5
HCP125	12.5 hp	230/460 Three Phase	31.6/15.8	1	155.0

Part Number	Pump Output (GPM) vs. Total Resistance to Flow (Feet of Head)							
	25	30	35	40	45	50	55	60
Part Number	Flow Rate (GPM)							
HCP55	476	450	431	406	374	333	291	235
HCP75	641	614	588	561	526	481	430	369
HCP100	721	695	669	635	602	570	521	461
HCP125	815	776	739	709	668	631	580	536

Model	HP	(A) Inch
HCP55	5.5	34.2
HCP75	7.5	36.0
HCP100	10.0	37.2
HCP125	12.5	37.2



EcoStar® C

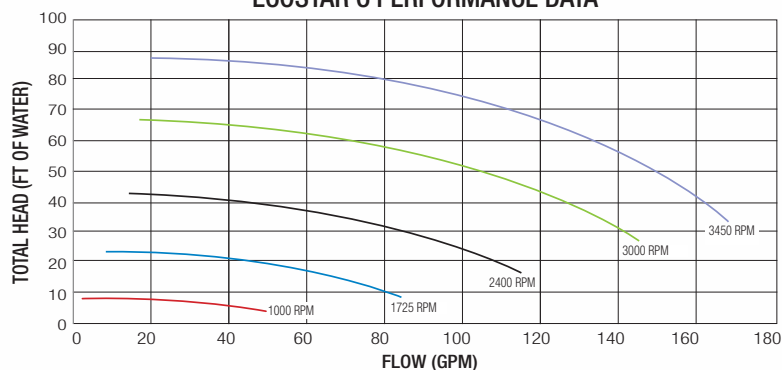
EcoStar C is the industry's most energy-efficient variable speed pump. Fully compliant with energy efficiency regulations such as Title 20 and APSP-15 with up to eight custom speed and timer functions, the settings can be "locked out" for authorized access only. EcoStar C's advanced hydraulic design moves water more efficiently, operating at lower RPMs to minimize noise and save pool operators up to 90% on energy costs. The system is available with or without integrated SVRS that is fully compliant with the Virginia Graeme Baker Pool & Spa Safety Act. It features a fully functional control that can be mounted in four different positions on the pump or on a wall by using the included mounting kit (bracket and cable). The system even comes with interchangeable bases to allow easy retrofitting into existing pipework.



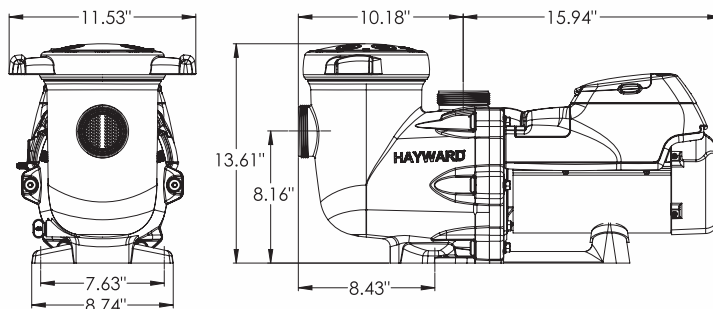
- Permanent Magnet, Totally Enclosed Fan Cooled (TEFC) motor
- Passcode protection of configuration menus to prevent unauthorized access to timer or speed settings
- Unique on-pump, multi-position digital control interface; unit can also be detached and wall mounted for added convenience
- Large ribless basket for extended time between cleanings
- Pump available with or without VGB-compliant integrated SVRS, features automatic restart
- 2" x 2 1/2" union connections
- Industry-leading hydraulic design
- NSF listed

Part Number	Description	Speed Range	Voltage	Carton Quantity	Carton Weight (lbs.)
HCP3400VSP	EcoStar C	600-3450 RPM	230V Single Phase	1	63.0
HCP3400VSPVR	EcoStar C SVRS	1000-3450 RPM	230V Single Phase	1	63.0

ECOSTAR C PERFORMANCE DATA



EcoStar C runs efficiently in all of these ranges.



Commercial Filters/Accessories

Hayward® Commercial offers the latest in filtration technology with the HCF Series of high-performance sand and cartridge filters. This year we introduce our next generation, heavy-duty fiberglass sand filters – now with additional sizes and innovative new features. We have also enhanced the hydraulic efficiency of the dual-quad cluster HCF7030C cartridge system. The all-new HCF line is well positioned to meet the most demanding commercial filtration requirements.

HCF Series Sand Filter

The next generation HCF Series Sand Filters resets the bar for quality and performance in the recreational water market. This new line of filters builds on its existing fully-engineered design by incorporating many exciting new features. The new rapid open/close tool-free lid mechanism features an industrial-grade yoke assembly and a massive 12" x 16" manway with two viewing windows to allow for visual inspection while filter is in operation. Along with non-corrosive glass filled ABS legs, these new features afford users and service personnel an unprecedented level of convenience in media loading and filter inspection. The infusion molded, gel-coated thermoset fiberglass structure is complemented with oversized, grid-array laterals to improve filtration and lengthen filter cycle time. The range has expanded to address the requirements of the renovation/replacement market with the introduction of new 34" models capable of fitting through standard 36" doors.

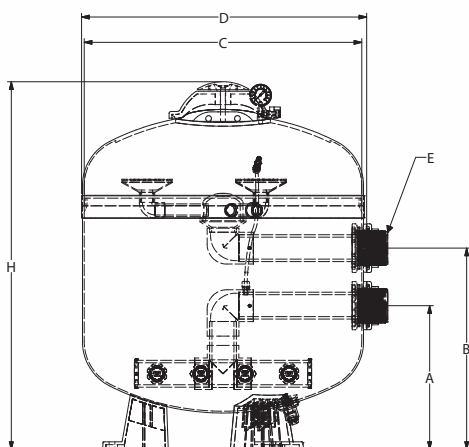
- Tool-free, injection molded, internally mounted 14" x 18" industrial-grade lid and yoke assembly with two viewing windows and O-ring seal
- Commercial-grade, 1½", self-cleaning injection molded, 180° slotted laterals arranged in a grid-array provide superior filtration performance
- Industrial-grade, infusion molded, gel-coated, multi-layer, glass-reinforced, thermoset composite structure
- Self-leveling, injection molded support legs, permanently bonded to the tank, suitable for Zone 4 earthquake conditions
- Large 12" x 16" top opening for easy media loading and filter inspection
- Full 1" bottom media drain including ¾" integral water drain with media screen
- NSF listed

Part Number	Size	Size/Description	Pipe Size	Working Pressure	Dimensions (L x W x H)	Carton Quantity	Carton Weight (lbs)
HCF302T	30"	30", Gel-coated Fiberglass Filter with 2" Bulkhead connections	2"	50	38.0 x 38.3 x 54.3	1	185
HCF342T	34"	34", Gel-coated Fiberglass Filter with 2" Bulkhead connections	2"	50	38.0 x 38.3 x 54.3	1	196
HCF343T	34"	34", Gel-coated Fiberglass Filter with 3" Bulkhead connections	3"	50	38.0 x 38.3 x 54.3	1	196
HCF343F	34"	34", Gel-coated Fiberglass Filter with 3" Flanged connections	3"	50	38.0 x 38.3 x 54.3	1	200
HCF362T	36"	36", Gel-coated Fiberglass Filter with 2" Bulkhead connections	2"	50	38.0 x 38.3 x 54.3	1	201
HCF363T	36"	36", Gel-coated Fiberglass Filter with 3" Bulkhead connections	3"	50	38.0 x 38.3 x 54.3	1	201
HCF363F	36"	36", Gel-coated Fiberglass Filter with 3" Flanged connections	3"	50	38.0 x 38.3 x 54.3	1	204



Technical Specifications & Performance Data

Model	HCF302T	HCF342T	HCF343T	HCF343F	HCF362T	HCF363T	HCF363F
Size / Description	30" Fiberglass Sand Filter	34" Fiberglass Sand Filter	34" Fiberglass Sand Filter	34" Fiberglass Sand Filter	36" Fiberglass Sand Filter	36" Fiberglass Sand Filter	36" Fiberglass Sand Filter
Filtration Area Ft ²	4.9	6.3	6.3	6.3	7.2	7.2	7.2
Filtration Rate GPM/Ft ²	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20
Filtration Flow Rate (GPM)	98	126	126	126	143	143	143
Backwash Flow Rate (GPM)	25 - 98	32 - 126	32 - 126	32 - 126	36 - 143	36 - 143	36 - 143
Maximum Working Pressure (PSI)	50	50	50	50	50	50	50
Vertical Clearance	42.5"	47.5"	47.5"	47.5"	48.5"	48.5"	48.5"
Side Clearance	30"	34"	34"	34"	36.25"	36.25"	36.25"
Media Required (sand)	650 lbs	950 lbs	950 lbs	950 lbs	1050 lbs	1050 lbs	1050 lbs
Inlet / Outlet Size	2"	2"	3"	3"	2"	3"	3"
Carton Quantity	1	1	1	1	1	1	1
Carton Weight (lbs)	185	196	196	200	201	201	204



Part No.	Dimensions						Characteristics
	A	B	C	D	E	H	Sand (lbs)
HCF302T	16.5"	24"	30"	30.625"	2"	42.5"	650 lbs
HCF342T	18.75"	26.25"	34"	34.5"	2"	47.5"	950 lbs
HCF343T	18.75"	26.25"	34"	34.5"	3"	47.5"	950 lbs
HCF343F	18.5"	26.22"	34"	34.5"	3"	47.5"	950 lbs
HCF362T	18.75"	26.25"	36.25"	37"	2"	48.5"	1050 lbs
HCF363T	18.75"	26.25"	36.25"	37"	3"	48.5"	1050 lbs
HCF363F	18.5"	26.22"	36.25"	37"	3"	48.5"	1050 lbs



- Lid yoke closure - tool-free seal
- Internally mounted 12" x 16" lid with clear viewing windows and O-ring positive seal
- Dual (HCF302T) or triple head [(HCF342T, HCF343T, HCF343F, HCF362T) and quadruple (HCF363T, HCF363F)] diffusers for optimized distribution
- Industrial-grade Hayward flow control bulkhead fittings
 - 30" model standard with 2" pipe connections
 - 34" model standard with 2" or 3" pipe connections
 - 36" model standard with 2" or 3" pipe connections
 - 3" flange connections standard on the HCF343F and HCF363F
- Horizontal lateral grid-array yields longer cycle time, improved filtration and more efficient backwashing
- Support legs
 - Provides easy access to drain
 - Self-leveling design
 - Seismic rated

Commercial Filter Accessories

Hayward® Commercial's HCF Series Sand Filters can be installed individually or configured in multi-filter banks to suit the filtration requirements of any swimming pool or spa. Hayward Multiport Valves simplify installation and operation and are engineered for maximum flow and minimal pressure drop.

2" Multiport Valve Kit

Hayward's 2" Multiport Valve Kit is factory plumbed for use with Hayward HCF302T and HCF342T commercial sand filters, complete with 2" union connections. The six-position valve facilitates selection of filter, backwash, waste, rinse, closed or recirculate modes at the turn of a single lever. The integral sight-glass allows the operator to visually monitor the backwash stream.

- Factory plumbed to fit Hayward HCF302T and HCF342T commercial sand filters
- Six mode selections at the turn of a single lever
- Simplifies filter installation and operation
- 2" union connectors included
- Accommodates flow rates to 125 GPM



3" Multiport Valve

Rated for a maximum flow of 330 GPM, the Hayward 3" Multiport Valve is the perfect complement to the Hayward HCF343T and HCF363T commercial sand filter. For optimum flexibility in the commercial setting, the valve features 3" NPT ports for in-filled configuration and plumbing. The six-position valve facilitates selection of filter, backwash, waste, rinse, closed or recirculate modes at the turn of a single lever.

- Valve body features both side-mount and bottom-mount ports for filter connections
- Accommodates flow rates to 330 GPM
- Durable ABS construction
- Six mode selections at the turn of a single lever



Part Number	Size	Description	Carton Quantity	Carton Weight (lbs.)
HCV20715	2"	2" Multiport Valve Kit	1	10.8
HCV30798	3"	3" Multiport Valve	1	22.0



HCF Series Cartridge Filters

The NSF listed, Dual Quad-Cluster commercial HCF7030C cartridge filter system features a massive 700 ft² of filter area providing heavy-duty, dirt-holding capacity and extra-long filter cycles.

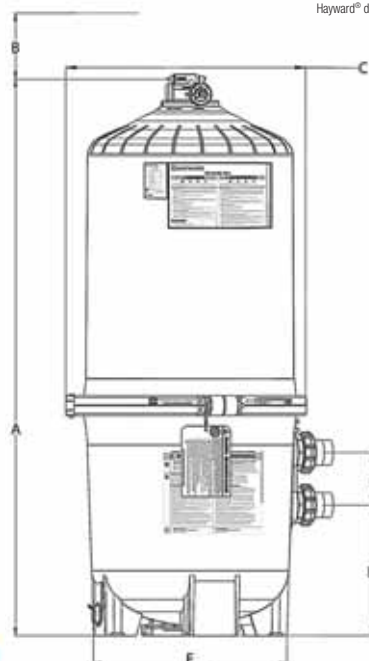
The HCF7030C will prove to be a major contributor to any Pool or Spa operator driving to provide the ultimate in clear, fresh, and safe water. It will reduce operation costs and enhance the eco-friendliness of the facility by saving thousands of gallons of carefully-balanced, heated pool water per month through the elimination of backwashing.

Ideal for new construction or retrofit, the HCF7030C is able to accommodate commercial flow rates to 150 GPM. The filter exterior is molded from a glass-reinforced copolymer material, capable of meeting the rigorous demands of the commercial environment.

- 700 ft² of high-performance filter media, effective particulate removal of 10-20 microns vs. 20-40 microns with sand
- Easy access to eight compact cartridges for fast, manageable cleaning
- 2" or 2½" connections with full 2" internal piping
- NSF listed

Model	HCF7030C
Product Dimensions	52.5" Tall, 26" Diameter
Effective Filtration Area	700 ft ²
Design Flow Rate	150** GPM
Filter Type	Dual Quad-Cluster Polyester Cartridge
Filter Tank	Injection Molded Glass-Reinforced Co-Polymer
Filter Elements	Eight Reinforced Polyester Cartridges
Performance Range	½ to 3 HP (30 to 150 GPM) .37 to 2.24 kW (114 to 568 LPM)
Maximum Working Pressure	50 PSI
Turnover (in gallons) 8 hrs	72,000
Turnover (in gallons) 10 hrs	90,000
Product Weight	77 lbs.

** Determined by pump size and piping system hydraulics, 2½" piping is recommended for flow rates equal to or greater than 90 GPM (341 LPM). Hayward® doesn't recommend flow rates above 150 GPM.

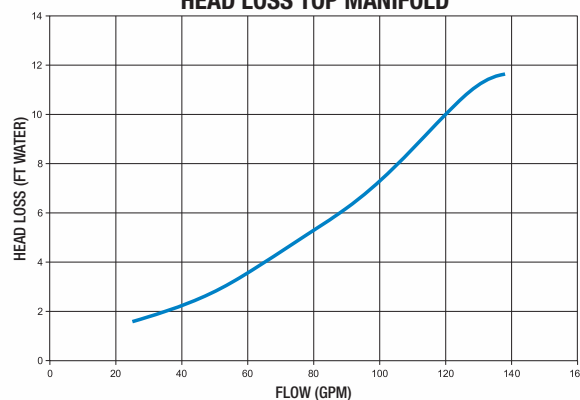


Dimensions

A	52.5"
B*	28"
C	26"
D	5"
E	12.5"
F	18"

* B = Vertical Clearance

HEAD LOSS TOP MANIFOLD



HCF7030C

GPM	0	25	50	75	100	125	138
HLF	-0.5	1.58	2.81	4.86	7.29	10.66	11.64

Commercial Heaters

Building on our existing industry-leading line of gas heaters, Hayward® offers unmatched performance and superior engineering with the Universal H-Series ASME commercial gas heaters. All commercial heaters employ a forced draft design and provide exceptional hydraulic performance. This universal, innovative and energy-efficient product sets the bar for all gas heaters in the industry.

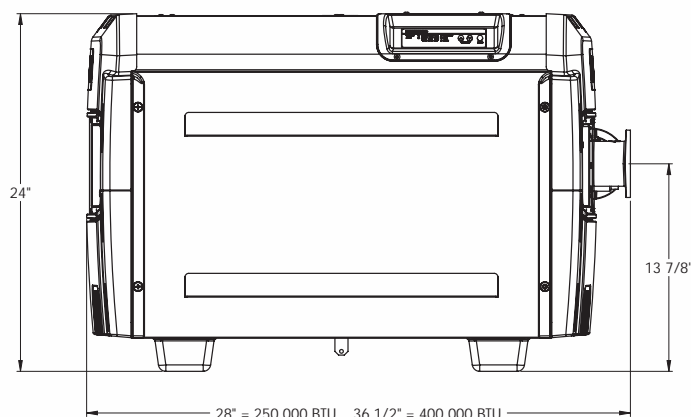
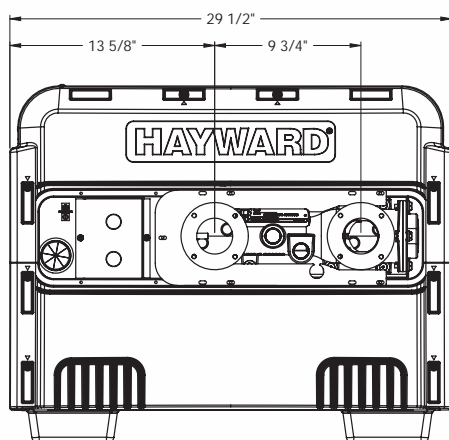


Universal H-Series ASME Gas Heater

Hayward® Commercial Universal H-Series ASME gas heaters are designed and certified for commercial use. The flagship of our H-Series line encompasses high-end features and construction materials as **standard**. They combine industry-leading hydraulics, exceptional performance, energy efficiency and reliability, with planet-friendly low NOx emissions. Flexible connection options make them ideal for new or existing applications.

- Choose from just 4 models (250,000 and 400,000 BTU natural gas or propane)
- Patented Cupro Nickel Finn Plate™ heat exchanger with Bronze Header as standard
- Independent left or right side electric, water and gas connections
- 2" x 2½" CPVC flanged connections
- ASME pressure relief valve included as standard
- Electronic lock-out feature prevents unauthorized access to configuration settings
- Easy installation and service via access of single front panel
- Easy gas valve adjustment
- Easy dual voltage conversion with fuse-protected circuit boards

Part Number	BTU	Description	Pipe Size	Max Allowed Working Pressure	Dimensions (L x W x H)	Carton Qty	Carton Weight (lbs.)
H250FDNASME	250,000	Natural Gas	2" x 2½"	125 PSI	28" x 29½" x 24"	1	195
H400FDNASME	400,000	Natural Gas	2" x 2½"	125 PSI	36½" x 29½" x 24"	1	225
H250FDPASME	250,000	Propane	2" x 2½"	125 PSI	28" x 29½" x 24"	1	195
H400FDPASME	400,000	Propane	2" x 2½"	125 PSI	36½" x 29½" x 24"	1	225



Electronic Temperature Lock-Out

- Prevents unauthorized access to temperature settings
- Energy-saving temperature management
- Optional mechanical control bezel lock-out cover available

Low Profile 24" Height Cabinet

- Lowest industry height for an unobtrusive equipment pad
- Can be raised off floor, closer to ceiling for small equipment rooms/pads

"Forced Draft" Combustion

- Impervious to wind and weather
- Reliable low NOx environmentally-responsible heating
- Certified for high altitude applications up to 10,000 ft. standard
- Unique Silicon Nitride hot surface ignitor for dependable lighting and reliable operation

Non-Corrosive Feet

- No rust/corrosion on wet floors/pads



Patented Cupro Nickel Finn Plate™ Heat Exchanger as Standard

- Totally managed flow design provides high hydraulic efficiency
- High flow and chemical resistance suitable for saltwater applications
- Faster heating and longer life

Low Lead Bronze Header as Standard with Patented Header Bypass Design

- Industry-leading hydraulic performance
- Up to 18% energy savings via reduced circulation pump time
- No rust in the pool/spa

"Universal" Design for Left or Right Side Plumbing, Gas and Electrical

- Ultimate installation flexibility
- Easily retrofits to preexisting or new pad configurations
- Certified for installation on combustible surfaces
- Easy to install and service

Suitable for Indoor Installations

- Venting kits available

Commercial Lighting

Hayward® Commercial Pool gives you brilliant, versatile lighting options for both new construction and remodeling to create and transform any body of water. First to be UL listed to retrofit virtually all existing manufacturer's niches, both Universal CrystaLogic™ White LED and Universal ColorLogic® Color LED Lighting represent industry-leading breakthrough technology, cutting operation costs while delivering game-changing performance.

Universal CrystaLogic™ White LED

Universal CrystaLogic™ White LED Lighting represents a breakthrough technology for the illumination of any water feature or recreational body of water. The optimized LED and optic design delivers both extraordinary lumen per watt energy efficiency and associated long lifetime cost. Our 300W pool equivalent delivers the same lumens as the leading competitor's claimed 500W equivalent and offers savings of 79% vs. incandescent equivalents.

CrystaLogic presents a compelling opportunity for any owner/operator to drastically cut operational cost while delivering game-changing performance. CrystaLogic is available to virtually anyone; its all-plastic construction is truly universal. It's UL listed to retrofit virtually any installed niches, allowing most lights to be upgraded. These 12V, 2-wire, all-plastic lights can be installed as close as 4 inches from the waterline, and even upward facing without a rock guard, opening a wide range of new applications.



- Brightest 100W spa, 300W pool equivalent LED lights
- Uses up to 79% less energy than incandescent lights and lasts up to 10 times longer
- Energy and maintenance savings can deliver a payback in less than two years
- UL listed to retrofit into most manufacturers' installed niches makes CrystaLogic truly universal
- 12V, 2-wire, all-plastic construction with an unbreakable lens make these lights intrinsically safe and easy to install
- Can be installed as close as 4" from the waterline and upward facing without a rock guard, suitable for main pool/spa illumination, beach entries, steps, shelves, water features, etc.
- UCL Thin Niche provides incredible installation savings for new construction
- Multiple color trim rings available to match surface finish. Ships with white and silver luster starburst trim rings

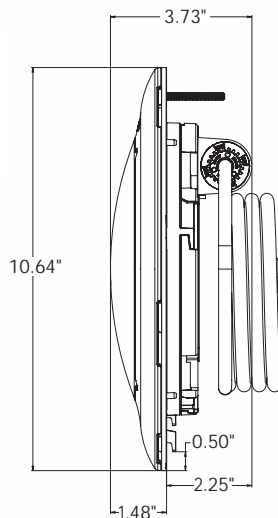


Scan the QR code from your mobile device to calculate your overall financial savings when switching from an incandescent to a CrystaLogic White LED Light

To scan the QR code, download a QR code reader from the APP store on your mobile device.



Scan the QR code from your mobile device to calculate your per niche savings when using a UCL Thin Niche



Universal CrystaLogic White LED Lights

Part Number	Equivalent Brightness	Pool or Spa	Cord Length (ft)
LSLUS11030	100W	Spa	30'
LSLUS11050	100W	Spa	50'
LSLUS11100	100W	Spa	100'
LPLUS11030	300W	Pool	30'
LPLUS11050	300W	Pool	50'
LPLUS11100	300W	Pool	100'

Universal ColorLogic®

Our new Hayward® Universal ColorLogic is not only 100% brighter* than any other color LED lighting, it's the only LED lighting UL listed to retrofit virtually any existing installed light niches. No pool owner/operator has ever had this much control over color, luminescence, movement, and mood. Universal ColorLogic has an optimized optic design that directs light through the entire body of water. It comes standard with 10 vibrant colors and 7 programmed light shows to choose from (101 colors with brightness, speed, and motion when network versions are used with ProLogic® controls). Install it as close as 4 inches from the waterline or upward facing without a rock guard.

Universal ColorLogic lighting is 50% brighter than the leading non-LED color light. But its real beauty is in the savings. Pool owners/operators can upgrade from incandescent lights and save as much as 86% on energy costs. And they keep saving. These LED lights last 10 times longer, virtually eliminating service calls for burned-out bulbs. There are no bulbs, filaments, color wheels or moving parts.

*At time of print



Dazzling Light Shows

- Twilight
- Voodoo Lounge
- Tranquility
- Gemstone
- USA
- Mardi Gras
- Cool Cabaret

Additional Light Shows

When Integrated with ProLogic

- Rainbow
- Harmony
- Custom Fade
- Custom Chase

Universal ColorLogic LED Lights

Part Number	Light Type	Pool or Spa	Cord Length (ft)
LPCUS11030	Standard Switched Light	Pool	30'
LPCUS11050	Standard Switched Light	Pool	50'
LPCUS11100	Standard Switched Light	Pool	100'
LSCUS11030	Standard Switched Light	Spa	30'
LSCUS11050	Standard Switched Light	Spa	50'
LSCUS11100	Standard Switched Light	Spa	100'
LPCUN11030	ProLogic Networked Lights	Pool	30'
LPCUN11050	ProLogic Networked Lights	Pool	50'
LPCUN11100	ProLogic Networked Lights	Pool	100'
LSCUN11030	ProLogic Networked Lights	Spa	30'
LSCUN11050	ProLogic Networked Lights	Spa	50'
LSCUN11100	ProLogic Networked Lights	Spa	100'



Accessories for Universal CrystaLogic™ and ColorLogic®

J-Box Transformer Retrofit Kits

Part Number	Kits	Watts
LRBUY11H65	Hayward	65W
LRBUY11P65	Pentair	65W
LRBUY11M65	Intermatic	65W
LRBUY11T65	Thermocraft	65W
LRBUY11M13	Intermatic	130W

J-Box & Wall Mount Pool Lighting Transformers

Part Number	Transformer	Watts
LTBUY11300	Hayward	300W
LTBUY11H65	Hayward	65W

Configurable Trim Rings

Part Number	Pool or Spa	Part Number	Pool or Spa	Color
LNBUY1000	Pool	LQBUY1000	Spa	Black
LNGUY1000	Pool	LQGUY1000	Spa	Grey
LNEUY1000	Pool	LQEUY1000	Spa	Beige
LNVUY1000	Pool	LQVUY1000	Spa	White SunBurst
LNFUY1000	Pool	LQFUY1000	Spa	Blue
LNKUY1000	Pool	LQKUY1000	Spa	Faux Chrome

Signal Coupler for Networked Versions

Part Number	Coupler for J-Box Retrofit Kits or Wall Mount Transformers
LKBUN1000	Only needed for use with Network Lights and ProLogic controls (one per transformer)

UCL Concrete Niches

Part Number	Description	Approved Lights
LFGUY1000	Concrete no bond/ground shallow pool niche	Universal Color and CrystaLogic
LGGUY1000	Concrete no bond/ground spa niche	Universal Color and CrystaLogic

Commercial Automation

Thousands of commercial pools, spas, water parks and water treatment facilities worldwide rely on CAT Controllers®, now certified to NSF/ANSI Standard 50, to provide enhanced water quality management and reduced operational costs. Every model provides unmatched control over pH and sanitization for chlorine, bromine, or salt-based pools. New for 2013, the aesthetic design of all CAT Controllers has been refreshed. Our wireless, web-based models are now available with Wi-Fi®² and Cellular connectivity to allow unparalleled remote monitoring and control through www.poolcomm.com. Also, our HCC 1000 and HCC 2000 Complete Package Controllers provide you the ultimate one-stop-shop experience for user convenience.

CAT 1000® Automated pH Controller

Most cases of red eyes and itchy skin after pool use are actually caused by poor pH maintenance. With the CAT 1000, pH levels in your pool are continuously monitored and adjusted automatically. Chlorine is also the most effective in keeping water safe when pH is optimally maintained. Maintaining proper pH protects the costly pool surface and equipment, extending service life while reducing repairs and warranty issues.

- The perfect enhancement for salt-chlorine systems
- Protect your investment
- Spend more time enjoying your pool instead of making routine pH adjustments
- NSF/ANSI Standard 50 listed



Part Number	Description	Carton Quantity	Carton Weight (lbs.)
CAT-1000-PH	CAT 1000 pH Controller Package	1	10.0
CAT-1000-CO2	CAT 1000 pH Controller Package with CO ₂ Feeder	1	15.0
CAT-1000-PTC	CAT 1000 pH Controller Package with Pump Tank Combo	1	37.0
CAT-1000-ORP	CAT 1000 ORP Controller Package	1	10.0
CAT-1000ORPPTC	CAT 1000 ORP Controller Package with Pump Tank Combo	1	15.0
CAT-1000-PH-UL	CAT 1000 pH Controller Package, UL listed	1	10.0
CAT-1000-CO2-UL	CAT 1000 pH Controller Package with CO ₂ Feeder, UL listed	1	15.0
CAT-1000-PTC-UL	CAT 1000 pH Controller Package with Pump Tank Combo, UL listed	1	37.0
CAT-1000-ORP-UL	CAT 1000 ORP Controller Package, UL listed	1	10.0
CAT1000ORPPTCUL	CAT 1000 pH Controller Package with Pump Tank Combo, UL listed	1	15.0

CAT 2000® Automated Water Chemistry Controller

Chemical automation is recognized by health officials and industry leaders as the safest, most effective method of maintaining precise, healthy water balance. The CAT 2000 constantly monitors pH and sanitizer activity (chlorine, bromine, even salt systems) and automatically implements chemical feeding in proportion to demand for picture-perfect water quality at all times.

- Simple installation, setup, and operation
- Compatible with all types of chemical feed equipment
- Long-life, low-maintenance 2-year warranty sensors
- Factory assembled system includes: controller, sensors, machined acrylic flow cell, rotary flow sensor and PVC backboard
- NSF/ANSI Standard 50 listed

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
CAT-2000	CAT 2000 Controller and Sensors	1	6.0
CAT-PP2000	CAT 2000 Professional Package	1	20.0



CAT 4000® Commercial Remote Water Quality Controller

Using the CAT 4000 system you can easily log onto PoolComm.com to activate your wireless account and begin monitoring your water quality. Using your personal PoolComm® account, you can view water quality data, print charts, analyze graphs, customize your settings, and receive alarm notifications via email or SMS.

- Wireless link to the PoolComm site with extensive North American coverage and 24/7 monitoring
- Incredibly simple to install and operate via simple menus and a bright alphanumeric display
- Compatible with existing chemical feed equipment, so initial investment is minimized
- Comes complete with CAT Professional Series pH and ORP sensors for unsurpassed performance
- Optional Wi-Fi® communications protocol provides users free PoolComm access
- NSF/ANSI Standard 50 listed

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
CAT-4000-R25	CAT 4000 with R25 Transceiver	1	15.0
CAT-4000-R50	CAT 4000 with R50 Transceiver	1	15.0
CAT-4000075-R25	CAT 4000 with R25 Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-4000075-R50	CAT 4000 with R50 Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-4000-WIFI	CAT 4000 with Wi-Fi Transceiver	1	15.0
CAT-4000-CELL	CAT 4000 with Cellular Transceiver	1	15.0
CAT-4000075-WIFI	CAT 4000 with Wi-Fi Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-4000075-CELL	CAT 4000 with Cellular Transceiver, Machined Flow Cell and RFS	1	20.0



CAT 5000[®] Wireless, Internet-Based Water Quality Management and Monitoring

Introducing the CAT 5000, the world's first wireless, internet-based water quality controller employing both satellite and terrestrial communications to provide worldwide coverage. Now you can take advantage of affordable wireless technology and internet-based monitoring to put you in control like never before.

The CAT 5000 offers unprecedented product quality, value, and ease of use. Simply install the factory-assembled CAT 5000 system and log onto PoolComm.com to activate your wireless account and begin monitoring. Using your personal PoolComm[®] account you can view water quality data, print charts, analyze graphs, customize your settings, and receive alarm notifications via email or SMS.

The Complete Water Quality Solution

- State-of-the-art microprocessor-based water quality controller with integrated wireless communications
- Eliminates the cost of installing and maintaining dedicated analog telephone lines
- With 4 different wireless communication protocols ranging from Wi-Fi[®] to Satellite, the CAT 5000 will communicate wirelessly, 24/7 from anywhere in the world
- Monitor & maintain via web browser from any internet-enabled computer, iPhone[®], Blackberry[®], Droid[®] or mobile device
- NSF/ANSI standard 50 listed



Part Number	Description	Carton Quantity	Carton Weight (lbs.)
CAT-5000-R25	CAT 5000 with R25 Transceiver	1	20.0
CAT-5000-R50	CAT 5000 with R50 Transceiver	1	20.0
CAT-5000-WIFI	CAT 5000 with Wi-Fi Transceiver	1	20.0
CAT-5000-CELL	Cat 5000 with Cellular Transceiver	1	20.0
CAT-5000-DS100	CAT 5000 with Satellite Transceiver	1	20.0
CAT-5000075-R25	CAT 5000 with R25 Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-5000075-R50	CAT 5000 with R50 Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-5000075-WIFI	CAT 5000 with Wi-Fi Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-5000075-CELL	CAT 5000 with Cellular Transceiver, Machined Flow Cell and RFS	1	20.0
CAT5000075DS100	CAT 5000 with Satellite Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-5000-R25-UL	CAT 5000 with R25 Transceiver, UL listed	1	20.0
CAT-5000-R50-UL	CAT 5000 with R50 Transceiver, UL listed	1	20.0
CAT-5000-WIFI-UL	CAT 5000 with Wi-Fi Transceiver, UL listed	1	20.0
CAT-5000-CELL-UL	CAT 5000 with Cellular Transceiver, UL listed	1	20.0
CAT5000DS100-UL	CAT 5000 with Satellite Transceiver, UL listed	1	20.0
CAT5000075R25-UL	CAT 5000 with R25 Transceiver, Machined Flow Cell and RFS, UL listed	1	20.0
CAT5000075R50-UL	CAT 5000 with R50 Transceiver, Machined Flow Cell and RFS, UL listed	1	20.0
CAT-5000075-WIFI-UL	CAT 5000 with Wi-Fi Transceiver, Machined Flow Cell and RFS, UL listed	1	20.0
CAT-5000075-CELL-UL	CAT 5000 with Cellular Transceiver, Machined Flow Cell and RFS, UL listed	1	20.0
CAT500075D100UL	CAT 5000 with Satellite Transceiver, Machined Flow Cell and RFS, UL listed	1	20.0

NSF®



HCC 1000 Automated pH Controller

Water chemistry automation prevents thousands of cases of recreational water illness every year. The HCC 1000 and HCC 1000 Complete Package are single channel pH water chemistry automation systems. The HCC 1000 features a pH sensor, water chemistry controller, flow cell, and pressure sensor, all factory-assembled and pre-mounted on a durable PVC backboard. The Complete Package additionally includes a chemical feed pump mounted on the PVC backboard for ultimate convenience.

The HCC 1000 ensures pH is precisely maintained at the desired level to optimize chlorine effectiveness. Maintaining proper pH protects costly pool surfaces and equipment, extending equipment life and reducing warranty issues. The HCC 1000 Series provides powerful technology in a simple, affordable package.

- Perfect for new and existing applications, especially saltwater pools
- Automation eliminates time and risks of making manual pH measurements and adjustments
- Proper pH maintenance enhances chlorine effectiveness, bather comfort and safety
- Factory engineered, pre-configured to ensure simple professional installation
- NSF/ANSI Standard 50 listed (HCC 1000 only)

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
HCC1000-pH	HCC 1000 pH Controller	1	10.0
HCC1000-CO2	HCC 1000 pH Controller with CO ₂ Feeder	1	15.0
HCC1000-ORP	HCC 1000 ORP Controller	1	10.0
HCC1000-pH-CP	HCC 1000 pH Complete Package with Pre-mounted Chemical Feed Pump	1	15.0

NSF®



HCC 2000 Automated Water Chemistry Controller

Perfect for swimming pools, spas, and water features, the HCC 2000 is a powerful yet affordable microprocessor-based pH and ORP water chemistry controller. The controller features proportional feed to ensure precise water chemistry maintenance, and operates using the Oxidation-Reduction Potential (ORP) method of water analysis to ensure rapid deactivation of such waterborne pathogens as E. coli in swimming pool water.

The HCC 2000 Complete Package provides the ultimate one-stop-shop experience: one unit pre-configured with everything required to make water chemistry management simple, convenient, and affordable. This package includes the HCC 2000 controller, flow cell, and flow sensor, all now pre-mounted on a PVC backboard with peristaltic feed pumps for pH and chlorine adjustment.

- Advanced microprocessor-based design technology
- Comes with chemical feed equipment compatible with all existing chemical feed systems; chlorine, bromine, electronic chlorine (salt) generators, acid and CO₂
- Simple to operate user interface with easy-to-read LED display
- Complete package offers a total chemical automation system for easy installation and ultimate convenience
- NSF/ANSI Standard 50 listed (HCC 2000 only)

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
HCC2000	HCC 2000 Water Chemistry Controller	1	11.0
HCC2000-AU	HCC 2000 Controller with Gold ORP Sensor	1	11.0
HCC2000-CP	HCC 2000 Complete Package with Pre-mounted Chemical Feed Pumps	1	20.0

PoolComm® Wireless Web-based Management

PoolComm is a revolutionary way to manage multiple commercial pools and spas, from any remote location. This web interface allows detailed monitoring, pH and ORP adjustment, compliance documentation, and more through the internet. Any computer, iPhone®, Blackberry®, Droid® or other web-enabled device can manage a pool.

- New Wi-Fi® communications option allows free access to PoolComm anytime
- Get direct control of systems from any web browser
- Monitor and display multiple facilities simultaneously
- Receive near real-time detection of pH and ORP problems
- Get color-coded alarm display, with notification by email or SMS
- Promote customer satisfaction by solving problems proactively

Part Number	Description
AT-MC4	Monthly Airtime CAT 4000®
AT-SC4	Seasonal Airtime CAT 4000
AT-AC4	Annual Airtime CAT 4000
AT-MC5	Monthly Airtime CAT 5000®
AT-SC5	Seasonal Airtime CAT 5000
AT-AC5	Annual Airtime CAT 5000



Scan the QR code from your mobile device to see the impact of PoolComm now!

Commercial Automation Accessories

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
AC003	Residential CO ₂ pH Control System	1	5.0
AC004	Standard CO ₂ System	1	7.0
AC005	High Output CO ₂ System	1	7.0
AC006	Auto Switch Over	1	6.0
AC015	110 VAC Brass Body Solenoid Valve	1	3.0
AC016	24 VAC Brass Body Valve 3/4"	1	3.0
AC018	110 VAC Stainless Steel Body Solenoid Valve	1	3.0
AC025	Stenner Pump Variable Pump Output	1	9.0
AC030	Stenner Pump Fixed Pump Output	1	9.0
AC0317	BNC Sensor Connector Adaptor	1	1.0
AC035	Peristaltic Feed Pump	1	5.0
AC063	Molded Flow Cell Complete w/ Valves and Floating Flow Sensor	1	2.0
AC075	Machined Flow Cell w/ Rotary Flow Sensor	1	6.0
AC315	AutoPilot [®] Interface Cable ⁶	1	2.0
AC316	CAT 5000 Temperature Sensor	1	1.0
DF010	Digital Flow Meter	1	2.0
DF015-1-5	Saddle Clamp Kits 1.5" for Sch 40	1	1.0
DF020-2-5	Saddle Clamp Kits 2.5" for Sch 40	1	1.0
DF030-3	Saddle Clamp Kits 3.0" for Sch 40	1	2.0
DF040-4	Saddle Clamp Kits 4.0" for Sch 40	1	2.0
DF060-6	Saddle Clamp Kits 6.0" for Sch 40	1	2.0
DF080-8	Saddle Clamp Kits 8.0" for Sch 40	1	2.0
DF100-10	Saddle Clamp Kits 10.0" for Sch 40	1	2.0
DF120-12	Saddle Clamp Kits 12.0" for Sch 40	1	2.0
DF815-1-5	Saddle Clamp 1.5" for Sch 80	1	1.0
DF820-2	Saddle Clamp 2.0" for Sch 80	1	1.0
DF825-2-5	Saddle Clamp 2.5" for Sch 80	1	1.0
DF830-3	Saddle Clamp 3.0" for Sch 80	1	1.0
DF840-4	Saddle Clamp 4.0" for Sch 80	1	1.0

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
DF860-6	Saddle Clamp 6.0" for Sch 80	1	1.0
DF880-8	Saddle Clamp 8.0" for Sch 80	1	1.0
DF8100-10	Saddle Clamp 10" for Sch 80	1	1.0
DF8120-12	Saddle Clamp 12" for Sch 80	1	1.0
LS010	Optical Level Sensor	1	1.0
LS020	Top Mount Tank MTG Level Kit	1	1.0
PRO15-2	pH Probe 24" Cable	1	1.0
PRO15-10	pH Probe 120" (10') Cable	1	1.0
PRO25-AU-2	ORP Probe 24" Cable AU=Gold Tip	1	1.0
PRO25-AU-10	ORP Probe 120" (10') Cable AU=Gold Tip	1	1.0
PRO25-2	ORP Probe 24" Cable	1	1.0
PRO25-10	ORP Probe 120" (10') Cable	1	1.0
PS001	Probe Saver Kit	1	2.0
PTC15	Pump Tank Combo 15/45M5	1	27.0
PTC30	Pump Tank Combo 30/45M5	1	35.0
PTCRES	Pump Tank Combo Residential 15/45MP1	1	27.0
RA015	Remote Dome Antenna	1	1.0
RA020	Remote Whip/Satellite Antenna	1	1.0
RA024	25' Antenna Extension Cable	1	3.0
RA025	50' Antenna Extension Cable	1	6.0
RA026	100' Antenna Extension Cable	1	12.0
RFK-C4000-WIFI	Wi-Fi [®] Transceiver Retrofit Kit with new firmware for CAT 4000	1	3.0
RFK-C4000-CELL	Cell Transceiver Retrofit Kit with new firmware for CAT 4000	1	3.0
RFK-C5000-WIFI	Wi-Fi [®] Transceiver Retrofit Kit with new firmware for CAT 5000	1	3.0
RFK-C5000-CELL	Cell Transceiver Retrofit Kit with new firmware for CAT 5000	1	3.0
SV015	15 Gallon Solution Vat	1	22.0
SV030	30 Gallon Solution Vat	1	30.0
WL010	Water Level Control Kit	1	5.0
VR1K	Stratum [®] Vacuum Release Interface Kit	1	3.0

2 Wi-Fi is a registered trademark of the Wi-Fi Alliance.

3 iPhone is a registered trademark of Apple Inc.

4 Blackberry and related trademarks, names and logos are the property of Research In Motion Limited and are registered and/or used in the U.S. and countries around the world. Used under license from Research In Motion Limited.

5 Droid is a registered trademark of Lucasfilm licensed to Verizon Wireless.

6 AutoPilot is a registered trademark of AquaCal AutoPilot Inc.

Commercial Cleaners

Hayward® Commercial offers a complete line of commercial cleaners. They're built strong, designed to last, and backed by a nationwide network of factory-authorized service centers.



TigerShark® 2 / TigerShark 2 Plus with Remote

The most advanced, automatic, portable pool cleaners in the industry.

MakoShark™ 2

The fastest cleaning time, fully automatic and self contained.

KingShark™

Cleans small commercial pools in less than four hours.

KingShark™ 2 / KingShark™ 2 Plus with Remote

Cleans Olympic-sized pools in less than five hours.

	TigerShark 2/ TigerShark 2 Plus*	MakoShark 2	KingShark	KingShark 2	KingShark 2 Plus*
Part Number	RC9956GRCC / RC9965GRCC*	RC9434CY	RC9535DBL	RC9850D	RC9860DCC
Rec. Pool Size	Up to 30' x 60'	Up to 16' x 32'	Up to 30' x 60'	Larger than 30' x 60'	Larger than 30' x 60'
Gallons Circulated	4500 GPH	2400 GPH	3600 GPH	4200 GPH	4200 GPH
Filter Micron Porosity/Area	5/1000 sq. in.	Filter Cartridge 20 Micron/20 sq. ft.	20/25 sq. ft.	20/40 sq. ft.	20/40 sq. ft.
Motor System	Non-oil filled, microprocessor	Non-oil filled, mechanical	Non-oil filled, mechanical	Non-oil filled, mechanical	Non-oil filled, mechanical
Cleaning Speed	55 sq. ft./minute	40 sq. ft./minute	40 sq. ft./minute	85 sq. ft./minute	85 sq. ft./minute
Cord Length	100'	75'	100'	150'	150'
Voltage	115/220/50/60 24VDC	115/60 220/60/50	115/60 220/60/50	115/60 220/60/50	115/60 220/60/50
Height/Width/Length	11" x 16" x 16"	15" x 16" x 17"	15" x 16" x 17"	20" x 24" x 29"	20" x 24" x 29"
Caddy Cart	Included	Optional	Optional	Optional	Included
Carton Quantity	1	1	1	1	1
Carton Weight (lbs.)	44.0	50.0	50.0	110.0	110.0

* TigerShark 2 Plus and KingShark 2 Plus have the same specifications plus wireless remote controls.



Commercial Flow Control

Hayward® Flow Control has been manufacturing industrial thermoplastic valves and process control products since the inception of the thermoplastic valve industry. For more than 40 years we have remained committed to producing the highest quality products while providing outstanding service that exceeds customer expectations.



Compact Ball Valves – QVC Series (Gray and White)

- Pressure Rating 150 PSI
- EPDM Seals
- Santoprene® Seat⁷

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
QVC1005SSEG	.5" Socket Gray	10	2.0
QVC1010SSEG	1" Socket Gray	10	5.0
QVC1015SSEG	1.5" Socket Gray	5	5.5
QVC1020SSEG	2" Socket Gray	5	7.5
QVC1025SSEG	2.5" Socket Gray	1	2.8
QVC1030SSEG	3" Socket Gray	1	5.2
QVC1040SSEG	4" Socket Gray	1	7.3
QVC1005SSEW	.5" Socket White	10	2.0
QVC1010SSEW	1" Socket White	10	5.0
QVC1015SSEW	1.5" Socket White	5	5.0
QVC1020SSEW	2" Socket White	5	8.0
QVC1025SSEW	2.5" Socket White	1	3.2
QVC1030SSEW	3" Socket White	1	4.2
QVC1040SSEW	4" Socket White	1	8.3

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
QVC1005TSEG	.5" Threaded Gray	10	2.0
QVC1010TSEG	1" Threaded Gray	10	5.0
QVC1015TSEG	1.5" Threaded Gray	5	5.5
QVC1020TSEG	2" Threaded Gray	5	7.5
QVC1025TSEG	2.5" Threaded Gray	1	2.8
QVC1030TSEG	3" Threaded Gray	1	5.2
QVC1040TSEG	4" Threaded Gray	1	7.3
QVC1005TSEW	.5" Threaded White	10	2.0
QVC1010TSEW	1" Threaded White	10	5.0
QVC1015TSEW	1.5" Threaded White	5	5.0
QVC1020TSEW	2" Threaded White	5	8.0
QVC1025TSEW	2.5" Threaded White	1	3.2
QVC1030TSEW	3" Threaded White	1	4.2
QVC1040TSEW	4" Threaded White	1	8.3

True Union Compact Ball Valves – QTA Series (Gray and White)

- Pressure Rating 150 PSI
- EPDM Seals
- Santoprene Seat

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
QTA1010CSEG	1" Socket / Threaded Gray	1	0.9
QTA1015CSEG	1.5" Socket / Threaded Gray	1	2.0
QTA1020CSEG	2" Socket / Threaded Gray	1	3.2
QTA1010CSEW	1" Socket / Threaded White	1	0.9
QTA1015CSEW	1.5" Socket / Threaded White	1	2.1
QTA1020CSEW	2" Socket / Threaded White	1	3.5



True Union PVC Ball Valves – TBB Series

- Pressure Rating 225 PSI
- EPDM Seals
- PTFE Seat
- Double O-ring Stem Seals

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
TBB1005CPEG	.5" Socket / Threaded	1	0.5
TBB1007CPEG	.75" Socket / Threaded	1	0.8
TBB1010CPEG	1" Socket / Threaded	1	1.2
TBB1012CPEG	1.25" Socket / Threaded	1	1.9
TBB1015CPEG	1.5" Socket / Threaded	1	2.8
TBB1020CPEG	2" Socket / Threaded	1	4.9



⁷ Santoprene is a registered trademark of Advanced Elastomer Systems.

True Union PVC Ball Valves – TB Series

- Pressure Rating
250 PSI - ½" – 2"
235 PSI - 2½" – 4"
150 PSI - 6"
- EPDM Seals
- PTFE Seat
- Double O-ring Stem Seals
- Easily Automated
- Full Port Design Through 4"
- NSF/ANSI 61 listed (½"–4")

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
TB1050STE	.5" Socket / Threaded	1	0.8
TB1075STE	.75" Socket / Threaded	1	1.1
TB1100STE	1" Socket / Threaded	1	1.5
TB1125STE	1.25" Socket / Threaded	1	2.9
TB1150STE	1.5" Socket / Threaded	1	3.0
TB1200STE	2" Socket / Threaded	1	4.3
TB1250TE or TB1250SE	2.5" Socket or Threaded	1	11.0
TB1300TE or TB1300SE	3" Socket or Threaded	1	11.2
TB1400TE or TB1400SE	4" Socket or Threaded	1	19.1
TB1600FE (Flanged Only)	6" Flanged	1	33.7



Commercial Flow Control

True Union Ball Valves (Actuated)

- Pressure Rating 150 PSI
- True Union Design
- One Piece Molded Body
- EPDM or FPM Seals
- PTFE Seats
- Double O-ring Stem Seals
- Includes Mounting Kit and Actuator

Electric Actuator Details

- 90 Degree Operation
- UL/CSA listed Motor
- Standard 120 Volt

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
EAUTB105STE	.5" EPDM Socket / Threaded	1	5.4
EAUTB107STE	.75" EPDM Socket / Threaded	1	5.7
EAUTB110STE	1" EPDM Socket / Threaded	1	6.7
EAUTB115STE	1.5" EPDM Socket / Threaded	1	7.9
EAUTB120STE	2" EPDM Socket / Threaded	1	8.2
EAUTB105STV	.5" FPM Socket / Threaded	1	6.2
EAUTB107STV	.75" FPM Socket / Threaded	1	5.7
EAUTB110STV	1" FPM Socket / Threaded	1	6.8
EAUTB115STV	1.5" FPM Socket / Threaded	1	7.3
EAUTB120STV	2" FPM Socket / Threaded	1	9.5



True Union Three-Way Ball Valves – TW Series

- Pressure Rating 150 PSI
- One Piece Molded Body
- EPDM Seals
- PTFE Seats
- Double O-ring Stem Seals
- Actuator Ready Available (HCTN Series)

(Lateral Three-Way valves also available)

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
TW1050STE	.5" Socket / Threaded	1	1.2
TW1075STE	.75" Socket / Threaded	1	1.8
TW1100STE	1" Socket / Threaded	1	2.5
TW1125STE	1.25" Socket / Threaded	1	7.4
TW1150STE	1.5" Socket / Threaded	1	6.8
TW1200STE	2" Socket / Threaded	1	7.1
TW1250SE	2.5" Socket	1	17.1
TW1250TE	2.5" Threaded	1	17.3
TW1300SE	3" Socket	1	17.1
TW1300TE	3" Threaded	1	17.3
TW1400SE	4" Socket	1	27.7
TW1400TE	4" Threaded	1	27.9
TW1600FE	6" Flanged	1	51.0



Three-Way Ball Valves (Actuated)

- Pressure Rating 150 PSI
- True Union Design
- One Piece Molded Body
- EPDM Seals
- PTFE Seats
- Double O-ring Stem Seals
- Includes Mounting Kit and Actuator

Electric Actuator Details

- 180 Degree Operation
- UL/CSA listed Motor
- Standard 120 Volt
- Additional Voltage Available

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
EAUTN105STE	.5" Socket / Threaded	1	8.0
EAUTN107STE	.75" Socket / Threaded	1	9.0
EAUTN110STE	1" Socket / Threaded	1	10.0
EAUTN1125STE	1.25" Socket / Threaded	1	15.0
EAUTN115STE	1.5" Socket / Threaded	1	15.0
EAUTN120STE	2" Socket / Threaded	1	15.0
EM3TN125SE	2.5" Socket	1	26.0
EM3TN125TE	2.5" Threaded	1	26.0
EM3TN13SE	3" Socket	1	26.0
EM3TN13TE	3" Threaded	1	26.0
EM8TN14SE	4" Socket	1	29.8
EM8TN14TE	4" Threaded	1	29.8
EM8TN16FF (Flanged Only)	6" Flanged	1	80.0

**True Union PVC Check Valves – TC Series**

- Pressure Rating 150 PSI
- EPDM Seals
- For Horizontal or Vertical Installation
- NSF/ANSI 61 listed (1/4"-4")

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
TC10050STE	.5" Socket / Threaded	1	0.7
TC10075STE	.75" Socket / Threaded	1	0.9
TC10100STE	1" Socket / Threaded	1	1.3
TC10125STE	1.25" Socket / Threaded	1	2.5
TC10150STE	1.5" Socket / Threaded	1	2.7
TC10200STE	2" Socket / Threaded	1	4.1
TC1250TE or TC1250SE	2.5" Socket or Threaded	1	9.8
TC1300TE or TC1300SE	3" Socket or Threaded	1	10.1
TC1400TE or TC1400SE	4" Socket or Threaded	1	17.5
TC1600FF (Flanged Only)	6" Flanged	1	33.0

**Butterfly Valves (Lever Operated) – BYC Series**

- Pressure Rating 150 PSI
- Gray PVC Body and Disc
- EPDM Liner
- 316 SS Stem

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
BYC1020E1LGB	2" Lever	1	3.3
BYC1025E1LGB	2.5" Lever	1	3.9
BYC1030E1LGB	3" Lever	1	4.7
BYC1040E1LGB	4" Lever	1	5.9
BYC1060E1LGB	6" Lever	1	12.7
BYC1080E1LGB	8" Lever	1	19.0

**Butterfly Valves (Gear Operated) – BYC Series**

- Pressure Rating 150 PSI
- Gray PVC Body and Disc
- EPDM Liner
- 316 SS Stem

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
BYC1020E1GGB	2" Gear	1	3.3
BYC1025E1GGB	2.5" Gear	1	3.9
BYC1030E1GGB	3" Gear	1	4.7
BYC1040E1GGB	4" Gear	1	5.9
BYC1050E1GGB	5" Gear	1	12.7
BYC1060E1GGB	6" Gear	1	18.0
BYC1080E1GGB	8" Gear	1	25.0



Butterfly Valves (Lever Operated) – BY Series

- Pressure Rating 150 PSI
- PVC Body and Disc
- EPDM Liner
- 316 SS Stem
- Fully Supported Bolt Holes
- 316 SS Lugs Available
- NSF/ANSI 61 listed

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
BY110200ELA	1.5" Lever	1	5.0
BY110200ELA	2" Lever	1	5.0
BY110300EL	3" Lever	1	6.1
BY110400EL	4" Lever	1	8.3
BY110600EL	6" Lever	1	15.0
BY110800EL	8" Lever	1	20.0

**Butterfly Valves (Gear Operated) – BY Series**

- Pressure Rating 150 PSI
- PVC Body and Disc
- EPDM Liner
- 316 SS Stem
- Fully Supported Bolt Holes
- 316 SS Lugs Available
- NSF/ANSI 61 listed

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
BY110200EGA	1.5" Gear	1	11.0
BY110200EGA	2" Gear	1	11.0
BY110300EG	3" Gear	1	16.6
BY110400EG	4" Gear	1	19.0
BY110600EG	6" Gear	1	23.2
BY110800EG	8" Gear	1	30.0
BY41100EG	10" Gear	1	35.5

**Diaphragm Valves – DAB Series**

- Pressure Rating 150 PSI - 1/2" – 4" 75 PSI - 6"
- PVC Body with EPDM Diaphragm and Seals
- Sure-grip Handwheel with Position Indicator
- True Union End Connections Through 2"
- Flanged End Connections in 2 1/2" Through to 6" Sizes

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
DAB1005UEE	.5" Socket / Threaded	1	1.9
DAB1007UEE	.75" Socket / Threaded	1	2.3
DAB1010UEE	1" Socket / Threaded	1	2.9
DAB1012UEE	1.25" Socket / Threaded	1	3.0
DAB1015UEE	1.5" Socket / Threaded	1	6.3
DAB1020UEE	2" Socket / Threaded	1	9.1
DAB1025FEK	2.5" Flanged	1	15.0
DAB1030FEK	3" Flanged	1	18.0
DAB1040FEK	4" Flanged	1	29.7
DAB1060FEK	6" Flanged	1	71.8



PVC Bulkhead Fittings – BFA Series

- Pressure Rating 150 PSI
- Long Pattern/Barrel
- PVC Body and Nut
- FPM or EPDM Gasket Seal
- Left-hand Threads
- Hex Body for One Person Installation
- Full Buttress Threads

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
BFA1005CES	.5" Socket x Threaded	1	0.3
BFA1005CFS	.5" Socket x Threaded	1	0.3
BFA1005TES	.5" Threaded x Threaded	1	0.3
BFA1007CES	.75" Socket x Threaded	1	0.4
BFA1007CFS	.75" Socket x Threaded	1	0.4
BFA1007TES	.75" Threaded x Threaded	1	0.4
BFA1007TFS	.75" Threaded x Threaded	1	0.4
BFA1010CES	1" Socket x Threaded	1	0.5
BFA1010CFS	1" Socket x Threaded	1	0.5
BFA1010TES	1" Threaded x Threaded	1	0.5
BFA1010TFS	1" Threaded x Threaded	1	0.5
BFA1012CFS	1.25" Socket x Threaded	1	0.8
BFA1015CES	1.5" Socket x Threaded	1	0.8
BFA1015CFS	1.5" Socket x Threaded	1	0.8
BFA1015TES	1.5" Threaded x Threaded	1	0.8
BFA1015TFS	1.5" Threaded x Threaded	1	0.8
BFA1020CES	2" Socket x Threaded	1	1.4
BFA1020CFS	2" Socket x Threaded	1	1.4
BFA1020TES	2" Threaded x Threaded	1	1.4
BFA1030CES	3" Socket x Threaded	1	2.7
BFA1030CFS	3" Socket x Threaded	1	2.7
BFA1030TES	3" Threaded x Threaded	1	2.7
BFA1030TFS	3" Threaded x Threaded	1	2.7

**PVC Bulkhead Fittings – BFAS Series**

- Pressure Rating 150 PSI
- Short Pattern/Barrel
- PVC Body and Nut
- FPM or EPDM Gasket Seal
- Left-hand Threads
- Hex Body for One Person Installation
- Full Buttress Threads
- NSF/ANSI 61 listed (½"-3")

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
BFAS1005CES	.5" Socket x Threaded	1	0.2
BFAS1005TES	.5" Threaded x Threaded	1	0.2
BFAS1007CES	.75" Socket x Threaded	1	0.4
BFAS1007TES	.75" Threaded x Threaded	1	0.3
BFAS1010CES	1" Socket x Threaded	1	0.4
BFAS1010TES	1" Threaded x Threaded	1	0.4
BFAS1012CES	1.25" Socket x Threaded	1	0.9
BFAS1012TES	1.25" Threaded x Threaded	1	0.8
BFAS1015CES	1.5" Socket x Threaded	1	0.6
BFAS1015TES	1.5" Threaded x Threaded	1	0.6
BFAS1020CES	2" Socket x Threaded	1	1.1
BFAS1020TES	2" Threaded x Threaded	1	1.2
BFAS1030CES	3" Socket x Threaded	1	2.3
BFAS1030TES	3" Threaded x Threaded	1	2.1

**PVC Self-Aligning Bulkhead Fittings**

- Pressure Rating 75 PSI
- PVC Body and Nut
- EPDM Gasket Seal
- Easy Connection
- Ideal for Domed Tanks

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
SF10100T	1" Threaded x Threaded	1	1.5
SF10200T	2" Threaded x Threaded	1	2.1
SF10300T	3" Threaded x Threaded	1	6.2



Tank-Tite™ – CCP Series

- Pressure Rating 150 PSI
- Robust Upper and Lower PVC Body
- 17.4 PH SS Wave Spring
- Compatible with All Bulkhead Fitting Materials

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
CCP1005	.5" Compression Ring with 17-7 Spring	1	0.1
CCP1007	.75" Compression Ring with 17-7 Spring	1	0.1
CCP1010	1" Compression Ring with 17-7 Spring	1	0.1
CCP1015	1.25"-1.5" Compression Ring with 17-7 Spring	1	0.2
CCP1020	2" Compression Ring with 17-7 Spring	1	0.3
CCP1030	3" Compression Ring with 17-7 Spring	1	.05

PVC Gauge Guard With Standard Gauge Installed

- No Metal Parts on Gauge Guard, FPM Diaphragm
- 30 PSI Gauge Only
- 60 PSI Gauge Only
- ¼" x ¼" 30 PSI Gauge Assembly
- ¼" x ¼" 60 PSI Gauge Assembly

Part Number	Description	Carton Quantity	Carton Weight (lbs.)
GG030DUAL	0-30 PSI (Gauge Only)	1	1.0
GG060DUAL	0-60 PSI (Gauge Only)	1	1.0
GG125X25030	0-30 PSI	1	0.6
GG125X25060	0-60 PSI	1	0.6

PVC Basket Strainer

- Pressure Rating 150 PSI
- PVC Body and Component
- EPDM Seals
- Multiple Basket Material Options
- Hand-removable Cover
- True Union Connections
- Each Strainer Includes a Standard Basket
- ½"-1" Standard ½" Perforation
- 1½"-8" Standard ⅛" Perforation
- NSF/ANSI 61 listed (½"-4")

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
SB1100STE1-32	1" Socket / Threaded	1	7.0
SB1150STE1-8	1.5" Socket / Threaded	1	17.0
SB1200STE1-8	2" Socket / Threaded	1	17.0
SB1250SE1-8 or SB1250TE1-8	2.5" Socket or Threaded	1	31.0
SB1300SE1-8 or SB1300TE1-8	3" Socket or Threaded	1	24.0
SB1400SE1-8 or SB1400TE1-8	4" Socket or Threaded	1	24.0
SB1600FE1-8 (Flanged Only)	6" Flanged	1	122.0
SB1800FE1-8 (Flanged Only)	8" Flanged	1	143.0

PVC Y-Strainer

- Pressure Rating 150 PSI
- FPM O-ring Seal
- Horizontal or Vertical Installation
- Hex Cap for Easy Access to Screen
- Plastic Screen has ½" Perforation

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
YS10050T	.5" Threaded	1	0.3
YS10050S	.5" Socket	1	0.3
YS10075T	.75" Threaded	1	0.6
YS10075S	.75" Socket	1	0.6
YS10100T	1" Threaded	1	1.0
YS10100S	1" Socket	1	0.9
YS10125T	1.25" Threaded	1	2.0
YS10125S	1.25" Socket	1	1.9
YS10150T	1.5" Threaded	1	1.9
YS10150S	1.5" Socket	1	1.8
YS10200T	2" Threaded	1	3.3
YS10200S	2" Socket	1	3.3
YS10200F	2" Flanged	1	6.0
YS10250T	2.5" Threaded	1	8.0
YS10250S	2.5" Socket	1	7.9
YS10250F	2.5" Flanged	1	12.2
YS10300T	3" Threaded	1	7.8
YS10300S	3" Socket	1	7.3
YS10300F	3" Flanged	1	12.0
YS10400T	4" Threaded	1	10.9
YS10400S	4" Socket	1	10.5
YS10400F	4" Flanged	1	18.9



**CPVC Y-Strainer**

- Pressure Rating 150 PSI
- FPM O-ring Seal
- Horizontal or Vertical Installation
- Hex Cap for Easy Access to Screen
- Plastic Screen has $\frac{1}{32}$ " Perforation

**Clear PVC Y-Strainer**

- Pressure Rating 150 PSI
- FPM O-ring Seal
- Horizontal or Vertical Position
- Clear PVC Construction
- Hex Cap for Easy Access to Screen
- Plastic Screen has $\frac{1}{32}$ " Perforation

**True Union PVC Y-Strainer**

- Pressure Rating 150 PSI
- FPM O-ring Seals
- Horizontal or Vertical Installation
- Hex Cap for Easy Access to Screen
- Plastic Screen has $\frac{1}{32}$ " Perforation

**True Union CPVC Y-Strainer**

- Pressure Rating 150 PSI
- FPM O-ring Seals
- Horizontal or Vertical Installation
- Hex Cap for Easy Access to Screen
- Plastic Screen has $\frac{1}{32}$ " Perforation

Part Number	Size / Description	Carton Qty	Carton Weight (lbs.)
YS20050T	.5" Threaded	1	0.3
YS20050S	.5" Socket	1	0.3
YS20075T	.75" Threaded	1	0.6
YS20075S	.75" Socket	1	0.6
YS20100T	1" Threaded	1	1.0
YS20100S	1" Socket	1	1.0
YS20150T	1.5" Threaded	1	1.9
YS20150S	1.5" Socket	1	1.9
YS20200T	2" Threaded	1	3.6

Part Number	Size / Description	Carton Qty	Carton Weight (lbs.)
YS20200S	2" Socket	1	3.5
YS20200F	2" Flanged	1	6.3
YS20300T	3" Threaded	1	8.2
YS20300S	3" Socket	1	7.9
YS20300F	3" Flanged	1	12.6
YS20400T	4" Threaded	1	11.8
YS20400S	4" Socket	1	11.8
YS20400F	4" Flanged	1	20.5

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
YS00050T	.5" Threaded	1	0.3
YS00050S	.5" Socket	1	0.3
YS00075T	.75" Threaded	1	0.6
YS00075S	.75" Socket	1	0.6
YS00100T	1" Threaded	1	0.8
YS00100S	1" Socket	1	0.9
YS00125T	1.25" Threaded	1	1.8
YS00125S	1.25" Socket	1	1.3
YS00150T	1.5" Threaded	1	2.0
YS00150S	1.5" Socket	1	1.6
YS00200T	2" Threaded	1	3.5
YS00200S	2" Socket	1	3.1
YS00200F	2" Flanged	1	5.8

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
YS10050TU	.5" Threaded	1	1.0
YS10050SU	.5" Socket	1	1.0
YS10075TU	.75" Threaded	1	1.5
YS10075SU	.75" Socket	1	1.4
YS10100TU	1" Threaded	1	1.9
YS10100SU	1" Socket	1	1.9
YS10125TU	1.25" Threaded	1	6.0
YS10125SU	1.25" Socket	1	6.0
YS10150TU	1.5" Threaded	1	6.0
YS10150SU	1.5" Socket	1	6.0
YS10200TU	2" Threaded	1	7.0
YS10200SU	2" Socket	1	6.2
YS10250TU	2.5" Threaded	1	14.9
YS10250SU	2.5" Socket	1	14.9
YS10300TU	3" Threaded	1	16.0
YS10300SU	3" Socket	1	16.0
YS10400TU	4" Threaded	1	19.7
YS10400SU	4" Socket	1	19.7

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
YS20050TU	.5" Threaded	1	1.1
YS20050SU	.5" Socket	1	1.1
YS20075TU	.75" Threaded	1	1.3
YS20075SU	.75" Socket	1	1.5
YS20100TU	1" Threaded	1	1.5
YS20100SU	1" Socket	1	1.5
YS20150TU	1.5" Threaded	1	2.1
YS20150SU	1.5" Socket	1	2.1
YS20200TU	2" Threaded	1	6.7
YS20200SU	2" Socket	1	6.7
YS20300TU	3" Threaded	1	15.2
YS20300SU	3" Socket	1	15.2
YS20400TU	4" Threaded	1	22.0
YS20400SU	4" Socket	1	22.0

**True Union Clear
PVC Y-Strainer**

- Pressure Rating 150 PSI
- FPM O-ring Seals
- Horizontal or Vertical Installation
- Clear PVC Construction
- Hex Cap for Easy Access to Screen
- Plastic Screen has 1/32" Perforation

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
YS00050TU	.5" Threaded	1	1.0
YS00050SU	.5" Socket	1	1.0
YS00075TU	.75" Threaded	1	1.2
YS00075SU	.75" Socket	1	1.4
YS00100TU	1" Threaded	1	1.4
YS00100SU	1" Socket	1	1.4
YS00125TU	1.25" Threaded	1	6.5
YS00125SU	1.25" Socket	1	1.9
YS00150TU	1.5" Threaded	1	6.5
YS00150SU	1.5" Socket	1	6.5
YS00200TU	2" Threaded	1	6.1
YS00200SU	2" Socket	1	6.1



Commercial Flow Control

**True Union Solenoid
Valves – NPD Design**

- Available in PVC and CPVC
- Available with FPM or EPDM Seals
- Continuous 100% Duty Applications
- Corrosion-resistant Polyester Coil
- Four-position Electrical Connection
- 1/2" Conduit or SJ Type Cord Electrical Connection
- 120 VAC is Standard
- Normally Closed Design

Part Number	Size / Description	Carton Quantity	Carton Weight (lbs.)
SV20025STV	.25" CPVC Socket / Threaded FPM	1	3.0
SV20025STE	.25" CPVC Socket / Threaded EPDM	1	3.0
SV10050STV	.5" PVC Socket / Threaded FPM	1	3.3
SV10050STE	.5" PVC Socket / Threaded EPDM	1	3.3
SC20050STV	.5" CPVC Socket / Threaded FPM	1	3.3
SV20050STE	.5" CPVC Socket / Threaded EPDM	1	3.3
SV10075STV	.75" PVC Socket / Threaded FPM	1	3.5
SV10075STE	.75" PVC Socket / Threaded EPDM	1	3.5
SV20075STV	.75" CPVC Socket / Threaded FPM	1	3.7
SV20075STE	.75" CPVC Socket / Threaded EPDM	1	3.7
SV10100STV	1" PVC Socket / Threaded FPM	1	3.6
SV10100STE	1" PVC Socket / Threaded EPDM	1	3.6
SV20100STV	1" CPVC Socket / Threaded FPM	1	3.6
SV20100STE	1" CPVC Socket / Threaded EPDM	1	3.8



NOTE: 150 PSI/10 Bar @ 70°F Non-Shock

NOTE: Flanged connections are available. Please call for part number and pricing information.

NOTE: All Hayward® Flow Control products have a two-year warranty as standard.

NOTE: All Hayward Flow Control items are based on a per unit cost with the exception of all QVC Series Ball Valves, which are sold as bag quantities ONLY. If bag quantities are broken, there will be a 25% upcharge.



Backed by Hayward Flow
Control's Exclusive
Two-Year Warranty

All Flow Control products manufactured are in compliance with ISO 9001:2008 standards.

White Goods

Complementing our extensive Residential line of white goods, Hayward® offers a wide variety of white goods products that provide premium features and years of long-lasting performance. Our Skim-Master® and Auto-Skim series skimmers offer multiple configurations for plumbing and have an extra large capacity for debris removal.



Skim-Master®

The Skim-Master® series skimmers feature large capacity surface skimming with a round, tamper-proof access cover, self-adjusting 8" weir with a stainless steel spring, dual outlet ports, and threaded internal connections for pressure testing capability. The optional float/bypass valve provides a suction outlet through the skimmer or an automatic skimmer bypass for low water conditions. No glue is used in manufacturing and there are no body joints below water level, enhancing the overall strength and longevity of the product. Both the SP1070 and SP1071 model skimmers provide a ¾" knockout port that can be used for pool overflow management or as water fill line.

- Adjustable deck collar and access cover
- Multiple plumbing configurations to accommodate various applications
- Large capacity debris collection basket
- Automatic bypass for low water conditions
- Available in 1½" and 2" FIP, round models only

Auto-Skim

The Auto-Skim series skimmers are designed for demanding commercial and residential applications providing precision, large capacity, and automatic surface skimming. They are molded from non-corrosive, non-conductive ABS material.

- Cover collar allowing 1½" vertical adjustment
- Snap-in weir that adjusts automatically to 4½" variation in water level
- Optional float/bypass valve
- Stackable notched extension collar allows infinite vertical adjustment
- Accessories are available, including a float valve and equalizer kit for SP1080 series skimmer
- NSF listed (approved when used with commercial cover and equalizer)
- Available in 1½" and 2" FIP, in round or square models



Safety Products/Sanitization

Hayward provides suction outlets with some of the industry's highest approved flow rates for use in new commercial pool/spa construction or retrofit into existing Hayward frames. All of our suction outlets are VGB compliant and tested to ANSI/APSP-16 standards in addition to meeting CPSC requirements.

Furthermore, Hayward provides the #1 selling alternative solution to adding pool chemicals – salt chlorinators. By using Hayward salt chlorination systems, the swimming experience at aquatic facilities can be dramatically enhanced. Swimmers can now be at ease with the reduction in red eyes, itchy skin and chemical odors.

VGB Act-Compliant High-Flow and Low-Velocity Drain Covers

High-Flow and Low-Velocity suction outlets provide multiple options for accommodating various design flow rates as well as ANSI/APSP-16 standards. Models are available in 9" x 9", 12" x 12", and 18" x 18" to satisfy installation requirements for commercial pools and spas. Each suction outlet cover includes a certificate of compliance and is embossed with the VGB logo.



AquaRite® Electronic Chlorine Generators

AquaRite electronic chlorine generators (also known as salt chlorinators) are the world's largest-selling alternative solution to adding pool chemicals. Alone, or multiplexed together, they automatically produce pure chlorine using just salt.

- Chlorine produced in low concentration (below taste level)
- Produced while the pool is being filtered, distributed evenly through jets
- Each TurboCell® produces up to 1.45 lbs of chlorine daily
- NSF listed and approved for commercial and public pools
- Install on standard filtration systems



Hayward Commercial is ready to jump in: **1.800.657.2287**

*Our toll-free line will put you in direct contact with an experienced,
technical, commercial products specialist.*

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Total System: Pumps | Filters | Heating | Cleaners | Sanitization | Automation | Lighting | Safety | White Goods | Flow Control



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