

NORTHSTAR™ HIGH PERFORMANCE PUMP SERIES

**HAYWARD** Pool Products  
*One source. Every pool.*



Born to run  
Built to last.™

Pumps

Filters

Heaters

Heat Pumps

Cleaners

Lighting

Controls

Electronic Chlorine  
Generators

Total System

## Setting the Standard

Today's swimming pools are more than just pools, they're resort-style backyard vacations, complete with lifestyle enhancing features that make them more enjoyable than ever. NorthStar™ adds power to the backyard paradise, ensuring high performance with very low maintenance.

NorthStar is the ideal choice for pool and spa combinations, for systems with a dramatic water feature like multi-tiered waterfalls and for in-floor cleaning systems or solar heating systems. For maximum flow, long-lasting performance, cost-efficiency and quiet operation, choose the leader – NorthStar from Hayward.





## Best of class

The Hayward NorthStar delivers what other swimming pool pumps can only hope for – total customer satisfaction. NorthStar exceeds the expectations of builders, installers, and, most importantly, the pool owner.

## Here for the long run

NorthStar is built to last. Its pump housing is molded of durable nylon for years of corrosion-free performance. NorthStar is also hydraulically-engineered to provide you with maximum water flow. Featuring 2" x 2½" ports, NorthStar delivers the water volume you need to power your pool, be it filtration, water features, in-floor cleaning or solar heating.

Quiet operation is an even greater benefit for small yards with close neighbors or for homes with pool equipment located next to a bedroom window.

You'll also appreciate the energy efficiency of NorthStar. Its high-flow characteristics, combined with low watt usage, allow it to turn over more pool water faster using less electricity. NorthStar conserves energy both on and off by engaging the filter system for less hours.

Plus, each NorthStar motor is powder coated with Perma-Coat, an exclusive anti-corrosion enhancement, making NorthStar significantly more resistant to salty air environments.



ClearView Strainer Cover



220 Cubic Inch Basket



Exclusive Motor Design



Quad-Lock Bayonet



CPVC Union Connections

## Bigger features means better convenience

Its oversized "Clear View" strainer cover allows integral hand grip inspection of and access to the strainer basket. Plus, Northstar features one of the largest baskets available – 220 cubic inches of leaf and debris-capturing capacity. This big improvement equates to dramatically extended time between cleanings. NorthStar also features a high-profile base so it will always stand above the rest, even in heavy rain environments.

## Exclusive motor design

NorthStar features a proprietary motor design, engineered to provide a minimum of 35,000 hours or 10 years of extended use – even under the toughest environmental conditions and applications. In addition, this special design allows the motor to run up to 20% cooler – and at the **lowest decibel level of any pump available.**

## No tools required

Access to all sealing points, the drive train and basket is accomplished with our exclusive Quad-Lock™ bayonet mechanism. That means no tools are required, with no loose parts or clamps to be misplaced – everything is built in.

Its exclusive CPVC union connections make installation and servicing of the internal housing fast and easy. Simply rotate the connections to loosen and the pump is free for servicing – without having to cut any pipe.

## Nothing shines brighter than NorthStar

When only the best will do, set your sights high and insist on NorthStar. All the power you need. The long-lasting performance and better cost efficiency that you're looking for. NorthStar from Hayward. Born to Run. Built to last.



**Patented Quad-Lock™ Design**  
makes strainer cover removal easy.

**Clear View Strainer Cover**  
lets you see when basket needs cleaning. Test feature allows line pressure test to 40 psi.

**2" x 2 1/2" Full-Flow Ports**  
handle high water volume.

**220 Cubic Inch Basket**  
reduces cleaning frequency.

**Totally Balanced Impeller**  
provides high-volume output to accommodate even the most demanding installations.

**Exclusive CPVC Union Connections**  
make installation and servicing fast and easy.

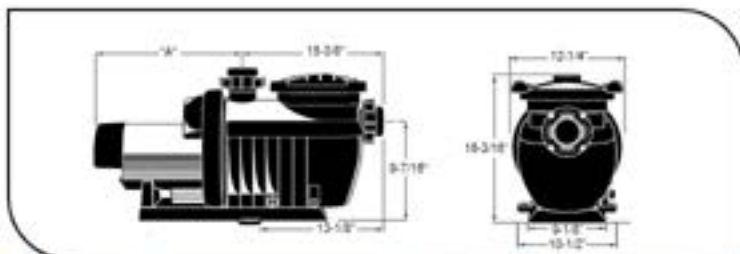
**Heat-Resistant, Highly Durable Ceramic Carbon Seal**  
ensures reliable, long-lasting performance.

**Rugged One-Piece Housing Molded of Nylon**  
for extra durability and longer life.

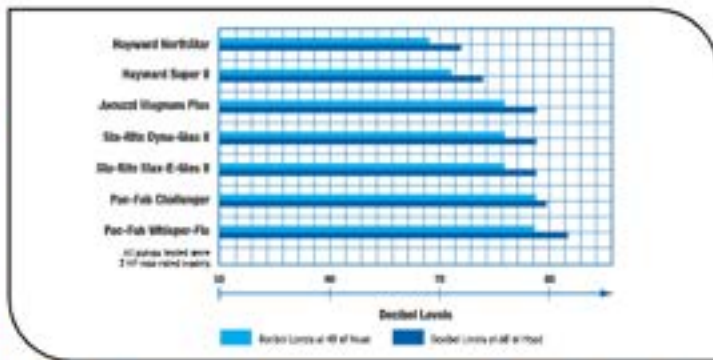
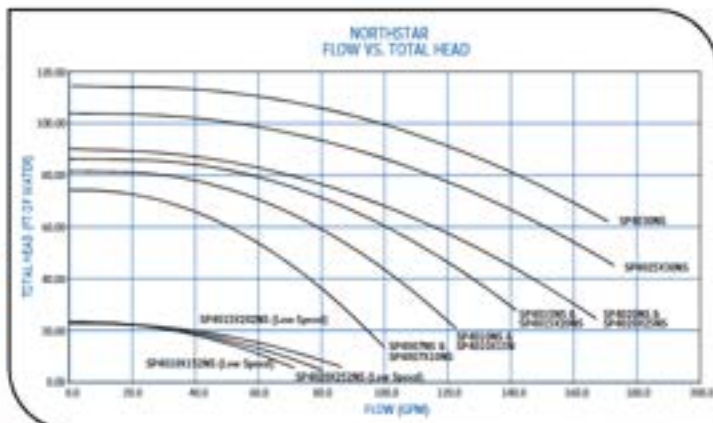
**Exclusive Motor Design**  
engineered to provide a minimum of 35,000 hours or 10 years of extended life.

**Patented Quad-Lock™**  
provides quick access to drive train and pump ports. No tools required, no clamps or loose parts.

**High Profile Base**  
elevates pump for heavy rain environments.



MODEL	Motor Power		Pipe Size	Dimension "A"	
	HP	kW		inches	inches
<b>FULL RATED</b>					
SP4007NS	3/4	0.55	2/ 2 1/2	13	330
SP4010NS	1	0.75	2/ 2 1/2	13 1/4	337
SP4015NS	1 1/2	1.10	2/ 2 1/2	13 1/4	349
SP4020NS	2	1.55	2/ 2 1/2	14 1/2	368
SP4030NS	3	2.20	2/ 2 1/2	16	406
<b>MAX-RATED</b>					
SP4007X10NS	1	0.75	2/ 2 1/2	13	330
SP4010X15NS	1 1/2	1.10	2/ 2 1/2	13 1/4	337
SP4015X20NS	2	1.55	2/ 2 1/2	13 1/4	349
SP4020X25NS	2 1/2	1.88	2/ 2 1/2	14 1/2	368
SP4025X30NS	3	2.20	2/ 2 1/2	14 1/4	375
<b>MAX-RATED DUAL SPEED</b>					
SP4010X152NS	1 1/2	1.10	2/ 2 1/2	15 1/4	387
SP4015X202NS	2	1.55	2/ 2 1/2	16	406
SP4020X252NS	2 1/2	1.88	2/ 2 1/2	16	406



## Ultimate performance. Ultra-low noise.

In laboratory tests, the Hayward NorthStar scored the lowest decibel rating of any other high performance swimming pool pump. NorthStar delivers all the power without all the noise.