



Universal H-Series

Pool & Spa Gas Heater with OmniX®

FEATURING HIGH-PERFORMANCE CUPRO
NICKEL HEAT EXCHANGER



EXPERT LINE®



ONLY FROM POOL PROS



3+ YEAR PARTS & LABOR WARRANTIES*

*When sold by a Totally Hayward® Partner. Exclusions, other terms and conditions may apply — visit hayward.com/expert for details.

EFFICIENT. RELIABLE. CONNECTED.

Universal H-Series pool and spa gas heaters are engineered for easy drop-in replacement, with direct compatibility to Hayward plumbing adapters. At the center is Hayward's Universal Display, delivering a consistent, intuitive control experience across Omni®, OmniX®, and competitive automation systems.

Powered by OmniX embedded intelligence, the heater provides enhanced programmability, advanced diagnostics, and seamless remote connectivity. A durable cupro-nickel heat exchanger ensures long-term reliability, giving you a peace of mind without any added costs.



Universal H-Series Heater (HS400FD)



INTUITIVE INTERFACE

Designed with usability and flexibility in mind, the new universal display offers an improved user experience with advanced functionality.



COMMUNICATION

Comes standard with RS485 which provides durable wired communication to OmniLogic® controls with reliable connection and ease of installation.



SPEED TO HEAT

Generates heat by using either propane or natural gas and are ideal for heating your pool or spa water quickly with the touch of a button.

CONTROL FROM ANYWHERE WITH OMNI X APP AND GATEWAY*

- » Complete control from your smart device
- » Configure your equipment quickly and intuitively
- » Integrated user management tools for homeowners and pool professionals.

*Gateway sold separately



LEARN MORE





HS400FD
Universal H-Series Heater

- » **Front-panel-only access** provides easy service and maintenance, avoiding the problems and costs associated with front-and-back-panel access heaters.
- » **Total Control** — Advanced UI delivers simple and intuitive programming, along with the flexibility of Omni or OmniX automation.
- » **Universal junction boxes** can be moved from the right to the left side to make electrical and automation simple and convenient.
- » **Totally managed water flow** saves energy and money by reducing pump run time.
- » **Cupro-nickel heat exchanger** helps protect against corrosion and premature wear from challenging or unpredictable water chemistry.
- » **Low Nox emissions** meet clean air quality standards and offer premium heating performance.



UNIVERSAL AUTOMATION

Seamlessly connects with Hayward and competitive systems.



SUPERIOR PERFORMANCE

Ideal for feature-rich pools that demand high flow rates.



MOBILE APP CONTROL

Remote access for total control to program and diagnose issues from anywhere.



SIMPLE AND INTUITIVE OPERATION

One consistent user interface and experience across all products with the built-in universal display.

WORKS GREAT WITH OUR OTHER
OMNI X® COMPATIBLE PRODUCTS



TRISTAR® VS 900



OMNI X GATEWAY

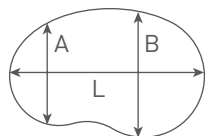


4.0 HP TRISTAR® VS

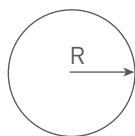
SELECTING THE CORRECT SIZE UNIVERSAL H-SERIES HEATER

FOR YOUR SWIMMING POOL

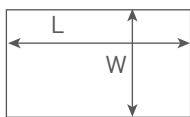
1. Determine your pool's surface area in square feet:



$$\text{AREA} = (A+B) \times L \times .45$$



$$\text{AREA} = R \times R \times 3.14$$



$$\text{AREA} = L \times W$$

2. Select the model that corresponds with a surface area that is equal to, or just greater than, your pool's surface area. For indoor pool installations, divide the pool's surface area by 3.

MODEL*	H500	H400	H250	H200	H150
SURFACE AREA (sqft)	1,500	1,200	750	600	450

FOR YOUR SPA OR HOT TUB

1. Determine your spa capacity in gallons (surface area x average depth x 7.5).
2. In the table below, locate the column with the spa/tub size in gallons that is closest to yours.
3. Select the desired time to raise the spa/hot tub temperature 30° F, read to the left and select the appropriate Universal H-Series model.

MODEL	SPA/TUB SIZE IN GALLONS**								
	200	300	400	500	600	700	800	900	1,000
	Time in Minutes to Raise Spa/Tub Temperature 30° F***								
H500	-	-	-	18	22	25	29	32	35
H400	-	-	18	23	27	32	36	41	45
H250	15	22	29	36	43	51	58	65	72
H200	18	27	36	45	54	63	72	81	90
H150	24	36	48	60	72	84	96	108	120

SPECIFICATIONS	HS500FD	HS400FD	HS250FD	HS200FD	HS150FD
BTU/hr	500,000	399,900	250,000	199,900	150,000
Thermal efficiency	83%	84%	84%	83%	82.7%
Width (inches)	40"	34"	25"	22"	19"
Depth (inches)	29½"	29½"	29½"	29½"	29½"
Height (inches)	24"	24"	24"	24"	24"
Water connections	2" x 2½"	2" x 2½"	2" x 2½"	2" x 2½"	2" x 2½"
Heat exchanger	Cupro Nickel	Cupro Nickel	Cupro Nickel	Cupro Nickel	Cupro Nickel
Heater weight (lbs)	223	160	134	123	110
Gas connection at heater	HS500FDP: ¾" HS500FDN: 1"	¾"	¾"	¾"	¾"

H-Series heaters are available in a comprehensive range of BTU sizes for natural or propane gas. All units are certified by the Canadian Standards Association and carry the exclusive Hayward® warranty.

*Model recommendation is based on a 30°F temperature rise, 3½ mph average wind velocity and elevation of up to 2,000 feet above sea level.

**Heat lost and/or absorbed by spa walls or other objects will add to the time it takes the spa to heat up.

***Based on an insulated and covered spa.

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