



HeatPro® Series

Industry-First Microchannel Technology

WATER TEMPERATURE CONTROL THAT
DELIVERS THE PERFECT DEGREE OF COMFORT



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.

INDUSTRY FIRST MICROCHANNEL TECHNOLOGY.

Hayward continues its position as the industry leader in innovation with the introduction of the new HeatPro Series of electric heat pumps that utilize industry-first microchannel technology engineered to get your pool water to the perfect temperature.

If you are looking to warm your water to extend swim season, cool your water in warm or arid climate conditions, or chill your water down to 40°F for a cold plunge, we have the ideal lineup including three heat only options and three heat+chill options.



CHILLS DOWN TO 40°F FOR COLD PLUNGES

» Chills to low temperatures so you can get all the benefits out of your next cold plunge.*



COOLS FOR PERFECT TEMPERATURE

» Ideal for warm or desert climates with 30% increased cooling capacity compared to competitive technology.*



WARMS TO EXTEND SWIM SEASON

» Extend swim season with improved heating capacity below 50°F using our patent pending defrost algorithm.



ADD OMNI[®] AUTOMATION FOR A NEW DEGREE OF CONTROL.

The industry-best HeatPro gets even better when you pair it with top-rated Omni automation—offering advanced management of temperature, runtime and a whole lot more.

- » **Remote temperature control** lets users set temperature from virtually anywhere
- » **Intuitive scheduling** with automatic temperature adjustment from custom inputs

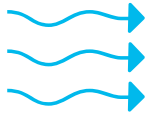
* Only on Heat+Chill Models

THE FUTURE BELONGS TO MICROCHANNEL.

Industry-First Microchannel Heat Exchanger. More versatile, more energy efficient and more affordable over time.

Powerful Warranty.

Backed by a 5 year warranty



Improved Low Ambient Heating.

Patent pending algorithm
for rapid defrost

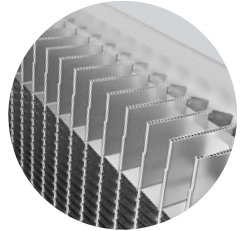
Lasts Longer.

Less Performance
degradation versus
tube and fin.



Less Complexity.

85% reduction in braze joints
means less leak opportunities.



Best in Class

Corrosion Resistance.

TCP coating developed by
Naval Air Command
for durability in the
harshest climates



Robust Coil Structure.

Protects against fin damage
during installation and
outdoor impacts



WEIGHT REDUCTION

Up to 50lb weight
reduction vs.
tube & fin technology



LOWER PANEL LOADING

40 amp breaker can
be used on 110K and
120K BTU/hr units



LESS REFRIGERANT

Significant reduction in
refrigerant means lower
environmental impact



AHRI CERTIFICATION



Certified for
performance
and value



PROUDLY BUILT

Efficiently built
and assembled in
Nashville, TN.

HEATPRO® SPECIFICATIONS

	 HEAT ONLY			 HEAT + CHILL		
MODEL NUMBER	HP21105T	HP21205T	HP21405T	HP31105T	HP31205T	HP31405T
BTU HEATING CAPACITY						
80 / 80 / 80 *	110,000	120,000	138,000	110,000	120,000	135,000
80 / 80 / 63 *	100,000	110,000	128,000	100,000	110,000	125,000
50 / 80 / 63 *	75,000	75,000	82,000	75,000	75,000	82,000
BTU COOLING CAPACITY						
95 / 90 / 80 *	-	-	-	72,000	72,000	82,000
COEFFICIENT OF PERFORMANCE, HEATING						
80 / 80 / 80 *	5.7	5.7	5.7	5.7	5.7	5.7
80 / 80 / 63 *	5.5	5.5	5.5	5.5	5.5	5.5
50 / 80 / 63 *	4.0	4.0	4.0	4.0	4.0	4.0
Low Ambient Operation	✓	✓	✓	✓	✓	✓
Air Operating Temperature	45-110°F	45-110°F	45-110°F	40-110°F	40-110°F	40-110°F
Active Defrost	✓	✓	✓	✓	✓	✓
Rated Voltage	230V~ 60Hz 1Ph	230V~ 60Hz 1Ph	230V~ 60Hz 1Ph	230V~ 60Hz 1Ph	230V~ 60Hz 1Ph	230V~ 60Hz 1Ph
Recommended Breaker Size	40A	40A	50A	40A	40A	50A
Water Flow Rate (Min/Max)	30 / 75 GPM	30 / 75 GPM	30 / 75 GPM	30 / 75 GPM	30 / 75 GPM	30 / 75 GPM
Water Connection Diameter	2 x 2-1/2 in	2 x 2-1/2 in	2 x 2-1/2 in	2 x 2-1/2 in	2 x 2-1/2 in	2 x 2-1/2 in
Water Inlet to Outlet Distance	10.25 in	10.25 in	10.25 in	10.25 in	10.25 in	10.25 in
Refrigerant	4 lb 10 oz	4 lb 14 oz	4 lb 14 oz	5 lb 0 oz	5 lb 4 oz	5 lb 4 oz
Refrigerant Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Unit Dimensions (LxWxH)	33.6 x 30.5 x 44 in	33.6 x 30.5 x 44 in	33.6 x 30.5 x 44 in	33.6 x 30.5 x 44 in	33.6 x 30.5 x 44 in	33.6 x 30.5 x 44 in
Unit Weight	230 lbs	233 lbs	233 lbs	237 lbs	240 lbs	240 lbs
Unit Shipping Dimensions (LxWxH)	36.5 x 31 x 49 in	36.5 x 31 x 49 in	36.5 x 31 x 49 in	36.5 x 31 x 49 in	36.5 x 31 x 49 in	36.5 x 31 x 49 in
Unit Shipping Weight	278 lbs	281 lbs	281 lbs	285 lbs	288 lbs	288 lbs
Rear & Side Clearance (Min)	12"	12"	12"	12"	12"	12"

* Ambient Air Temperature / Water temperature / Relative Humidity

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