




SIZING GUIDE for HydroShark 3 Electric Micro-Boiler

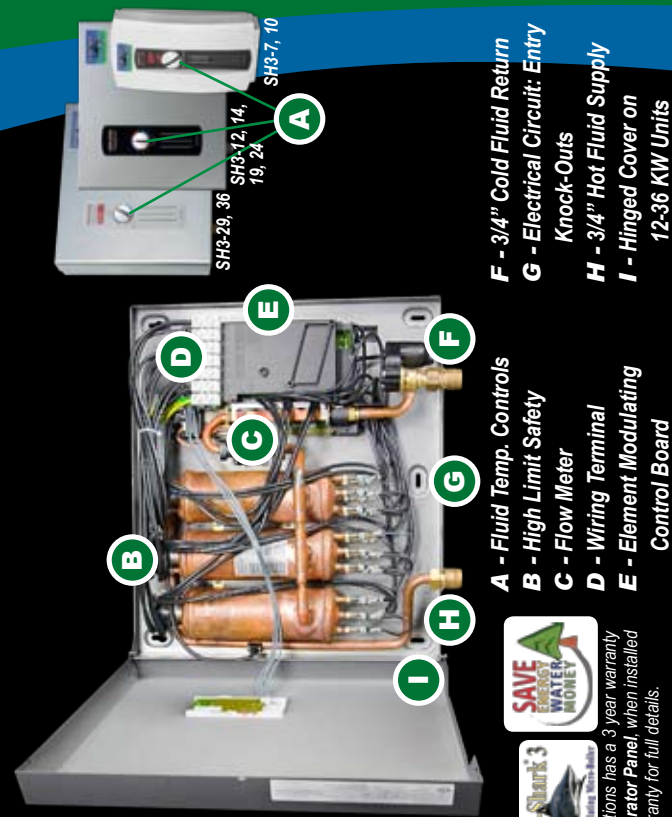
1. Choose your Application & Temp

<ul style="list-style-type: none"> Garage Post Frame 	<ul style="list-style-type: none"> Whole House Sun Room Garage Post Frame 	<ul style="list-style-type: none"> Basement 
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2. Choose your Square Footage

50° F Operation	70° F Operation	70° F Operation
		

300	SH3-07 SKU# 665-2000	SH3-07 SKU# 665-2000	SH3-07 SKU# 665-2000
600	SH3-07 SKU# 665-2000	SH3-07 SKU# 665-2000	SH3-07 SKU# 665-2000
900	SH3-07 SKU# 665-2000	SH3-10 SKU# 665-2001	SH3-10 SKU# 665-2001
1200	SH3-10 SKU# 665-2001	SH3-12 SKU# 665-2002	SH3-10 SKU# 665-2001
1500	SH3-12 SKU# 665-2002	SH3-14 SKU# 665-2003	SH3-12 SKU# 665-2002
1800	SH3-14 SKU# 665-2003	SH3-19 SKU# 665-2004	SH3-14 SKU# 665-2003
2100	SH3-19 SKU# 665-2004	SH3-24 SKU# 665-2005	SH3-19 SKU# 665-2004
2400	SH3-19 SKU# 665-2004	SH3-24 SKU# 665-2005	SH3-19 SKU# 665-2004
2700	SH3-24 SKU# 665-2005	SH3-29 SKU# 665-2006	SH3-24 SKU# 665-2005
3000	SH3-24 SKU# 665-2005	SH3-29 SKU# 665-2006	SH3-24 SKU# 665-2005
3300	SH3-29 SKU# 665-2006	SH3-36 SKU# 665-2007	SH3-29 SKU# 665-2006
3600	SH3-29 SKU# 665-2006	SH3-36 SKU# 665-2007	SH3-29 SKU# 665-2006
3900	SH3-29 SKU# 665-2006	N/A	SH3-29 SKU# 665-2006
4200	SH3-36 SKU# 665-2007	N/A	SH3-36 SKU# 665-2007
4500	SH3-36 SKU# 665-2007	N/A	SH3-36 SKU# 665-2007



- A - Fluid Temp. Controls
- B - High Limit Safety
- C - Flow Meter
- D - Wiring Terminal
- E - Element Modulating Control Board
- F - 3/4" Cold Fluid Return
- G - Electrical Circuit: Entry Knock-Outs
- H - 3/4" Hot Fluid Supply
- I - Hinged Cover on 12-36 KW Units

HYDRO SHARK® 3		WATER DELIVERY TEMP. RANGE	BTU	BRKR	AMPS	VOLTS	KW	SKU
SH3-07	665-2000	86°-125° F	24,573	(1) 40	30	240	7	665-2000
SH3-10	665-2001	86°-125° F	32,765	(1) 50	40		10	665-2001
SH3-12	665-2002	86°-140° F	40,956	(1) 70	50		12	665-2002
SH3-14	665-2003	86°-140° F	49,147	(2) 40	60		14	665-2003
SH3-19	665-2004	86°-140° F	65,526	(2) 50	80		19	665-2004
SH3-24	665-2005	86°-140° F	81,912	(2) 70	100		24	665-2005
SH3-29	665-2006	86°-140° F	98,977	(3) 50	120		29	665-2006
SH3-36	665-2007	86°-140° F	122,868	(3) 70	150		36	665-2007

Models 07 and 10 - 7.88" Wide x 14.25" High x 4.25" Deep - 16lbs
 Models 12 through 36 - 16.63" Wide x 14.5" High x 4" Deep
 Models 14-24 weigh 20lbs • Models 29 and 36 weigh 24lbs

SAVE EASIER WATER MONEY!

Hydro Shark 3

STIEBEL ELTRON

Hydro Smart

ISO 9001

Each Stiebel Eltron Hydro-Shark 3 micro-boiler unit when installed and operated per the installation instructions has a 3 year warranty covering all parts and the heat exchanger. See manufacturer warranty for full details. Each Hydro Smart Integrator Panel, when installed and operated per the installation instructions, has a 1 year warranty covering all parts. See manufacturer warranty for full details.

Hydro Shark 3

Modulating Electric Low-Temp Low-Flow Space Heating Micro-Boiler (Not For Potable Water)



Advanced technology, impressive energy-saving performance, and a compact design make the **Hydro-Shark® 3** great for your home. **Hydro-Shark® 3** is exclusively manufactured by Stiebel Eltron, a leader in tankless water heating technology for the past 80 years.

Emitter Types

- Tubing: Staple Up, Staple Down, Embedded Concrete

Features

- Requires No Venting
- Advanced Element Modulation
- Copper Heating Vessel
- Modulation Status LED
- Hinged Cover on 12-36 KW Units
- 100% Efficiency
- Flow Activated: .35 GPM
- Wall Hung: 16, 20 & 24 lbs
- Temperature Settings: SH3-07 and SH3-10 - 86° to 125° F; SH3-12 through SH3-36 - 86° to 140° F

Micro-Boilers & Hydro Smart Integrator Panels sold separately. Guide is based on insulating to a R19 in walls, R38 in ceilings, maximum 12 ft sidewalls, with 2" of extruded styrene insulation around perimeter & under slab emitter and/or 3-1/2" of fiberglass insulation for staple up emitter. For more accurate sizing, a BTU heat loss of the heated space should be considered.

ALWAYS CHECK WITH & FOLLOW LOCAL CODES



ONE ZONE INTEGRATOR PANEL

Low Temperature

Primary Secondary Panel

Model # HSPS120LT (shown below)

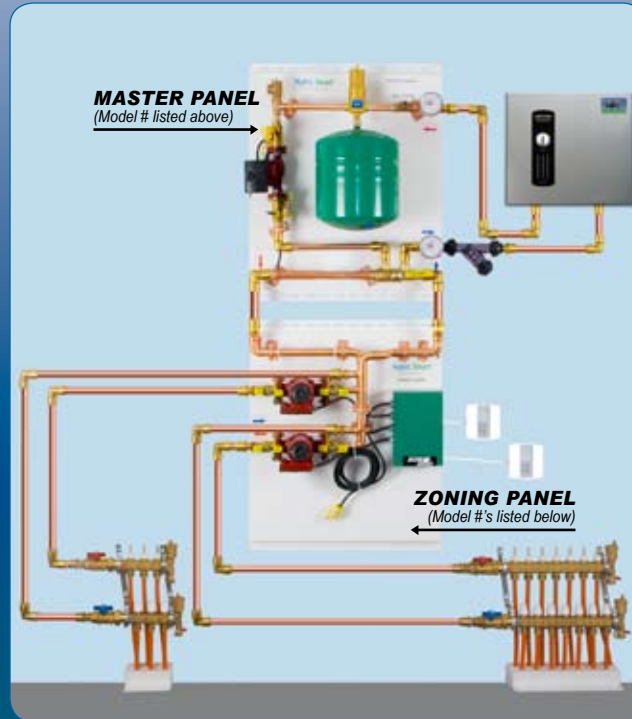


ZONING BY PUMP

Low Temperature

Zone by Pump Master Panel

Model # HSPS120MPL (shown below)



ZONING BY ZONE VALVE

Low Temperature

Zone by Zone Valve Master Panel

Model # HSPS120MZL (shown below)



ZONING BY TELESTAT

Low Temperature

Zone by Telestat Zoning Panel 1 to 4 Zones

Model # HSPS120MTL (shown below)



INTEGRATOR PANELS HELP MAKE RADIANT HEAT *easy & reliable*

- Constructed with top quality materials, including heavy duty type L copper pipe and a powder coated panel.
- Engineered and proven panel design uses professional hydronic practices.
- By working smarter not harder, a pre-assembled panel saves job site labor expense and time.
- With nothing extra and nothing spared on each panel, every component is there to help ensure your system provides years of trouble free operation.

1 TEMPERATURE ZONE BY PUMP PANEL

2 Zone Model # HS1T2ZPMP (shown above)

3 Zone Model # HS1T3ZPMP

4 Zone Model # HS1T4ZPMP

2 TEMPERATURE ZONE BY PUMP PANEL

2 Temperature panels have a mixing valve

2 Zone Model # HS2T2ZPMP

3 Zone Model # HS2T3ZPMP

4 Zone Model # HS2T4ZPMP

1 TEMPERATURE ZONE VALVE PANEL

2 Zone Model # HS1T2ZZV (shown above)

3 Zone Model # HS1T3ZZV

4 Zone Model # HS1T4ZZV

2 TEMPERATURE ZONE VALVE PANEL

2 Temperature panels have a mixing valve

2 Zone Model # HS2T2ZZV

3 Zone Model # HS2T3ZZV

4 Zone Model # HS2T4ZZV

Note: Micro-Boilers, Integrator Panels, thermostats, manifolds, pipe and accessories are all sold separately.



Hydro Shark 3 micro-boilers

are compact, efficient, and a great value. Some micro-boiler

locations simply do not have access to a gas line or the ability to be vented. Electric boilers do not require venting or a gas line making electric a great option.