

HydroShark® Electric Modulating Micro-Boilers

Engineer/Architect: _____ Date: _____

Job Name/Customer: _____ Phone: _____

Location: _____ Date Required: _____

Contractor: _____ Phone: _____

Micro-Boiler Specifications	Item No.	Quantity	kW	Voltage	Amperage
Model # HydroShark® _____	_____	_____	_____	240 V	_____

Radiant Floor Heating Applications

Homes › Condos › Apartments

Various commercial uses

Specifications

HydroShark® Model	7	10	12	14	19	24	29	36
Item No.	HSEB007	HSEB010	HSEB012	HSEB014	HSEB019	HSEB024	HSEB029	HSEB036
Voltage	240 Vac							
Phase	Single, 60 Hz							
Wattage	7.2 kW	9.6 kW	12.0 kW	14.4 kW	19.2 kW	24.0 kW	28.8 kW	36.0 kW
Total Amperage	30 A	40 A	50 A	60 A	80 A	100 A	120 A	150 A
Breaker Size	1 x 40 A	1 x 50 A	1 x 70 A	2 x 40 A	2 x 50 A	2 x 70 A	3 x 50 A	3 x 70 A
Recommended Wire Size, AWG Copper	1 x 8	1 x 6	1 x 4	2 x 8	2 x 6	2 x 4	3 x 6	3 x 4
Minimum Flow Rate	0.264 gpm		0.37 gpm	0.50 gpm			0.77 gpm	
Weight	7.0 lb.		12.2 lb.	14.4 lb.			15.9 lb.	
Tank(s) Volume	0.13 gal			0.26 gal			0.39 gal	
Width	7.88"		16.62"					
Height	14.25"		14.50"					
Depth	4.25"		4.00"					
Working Pressure	18 psi							
Tested Pressure	300 psi							
Connections S/R	½" MPT		¾" MPT					
Fluid Delivery Temperature Range	Adjustable, 86 – 140 °F							
Maximum Inlet Temperature	105 °F							
Minimum Operating Temperature	32 °F		N/A					
Compliance Listings	UL 499		UL 834					
System Fluid Type	Up to 50% Propylene Glycol Mixed with Distilled Water							

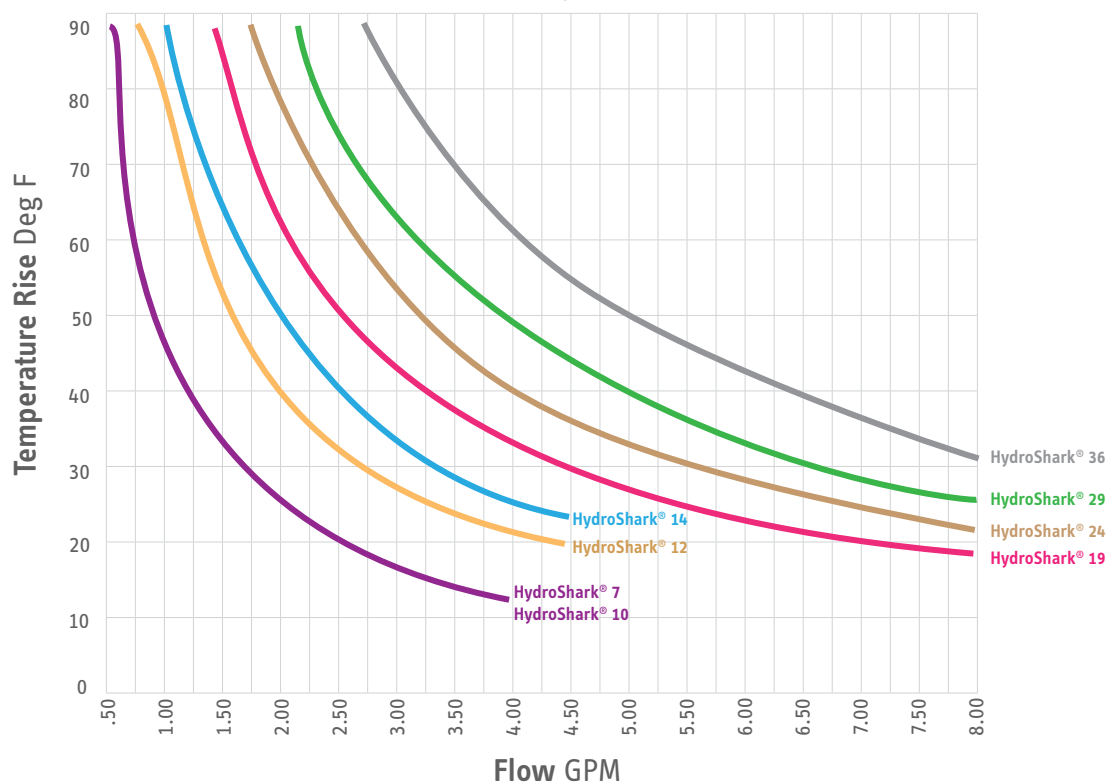
Compatible with these panels & accessories



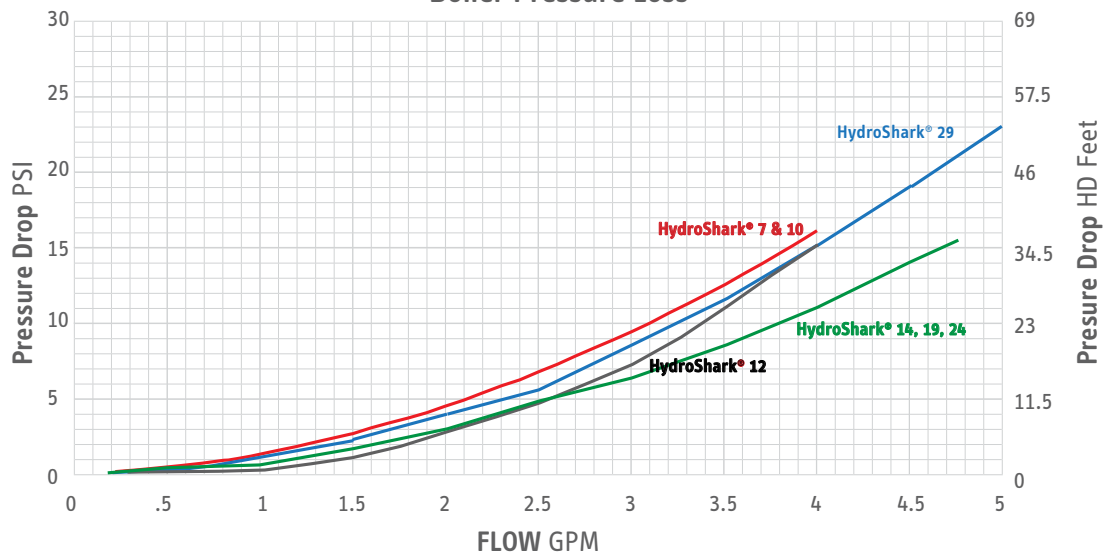
	HydroShark® 7 – 19	HydroShark® 24 – 36
Master Panels	All Master Panels, All Master ECM Panels, All Pro Panels, All ECM Pro Panels	
Zoning Panels	All HydroShark® Zoning Panels, All HydroShark® ECM Zoning Panels	
DHW Integrator Panels	N/A	DHW Integrator-120
Thermostat Options	Aube Thermostat, Lyric WiFi Thermostat	

Flow Rate

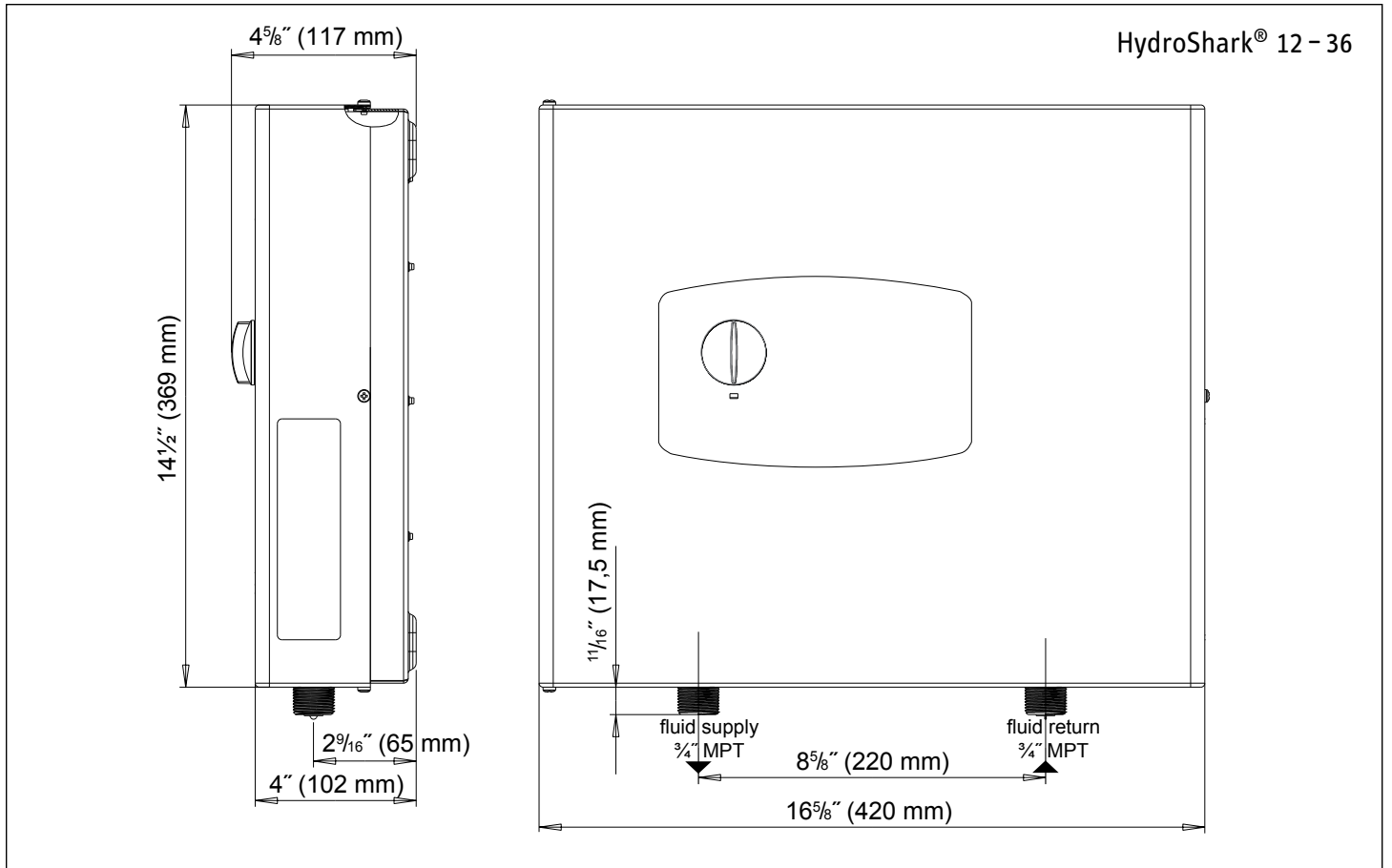
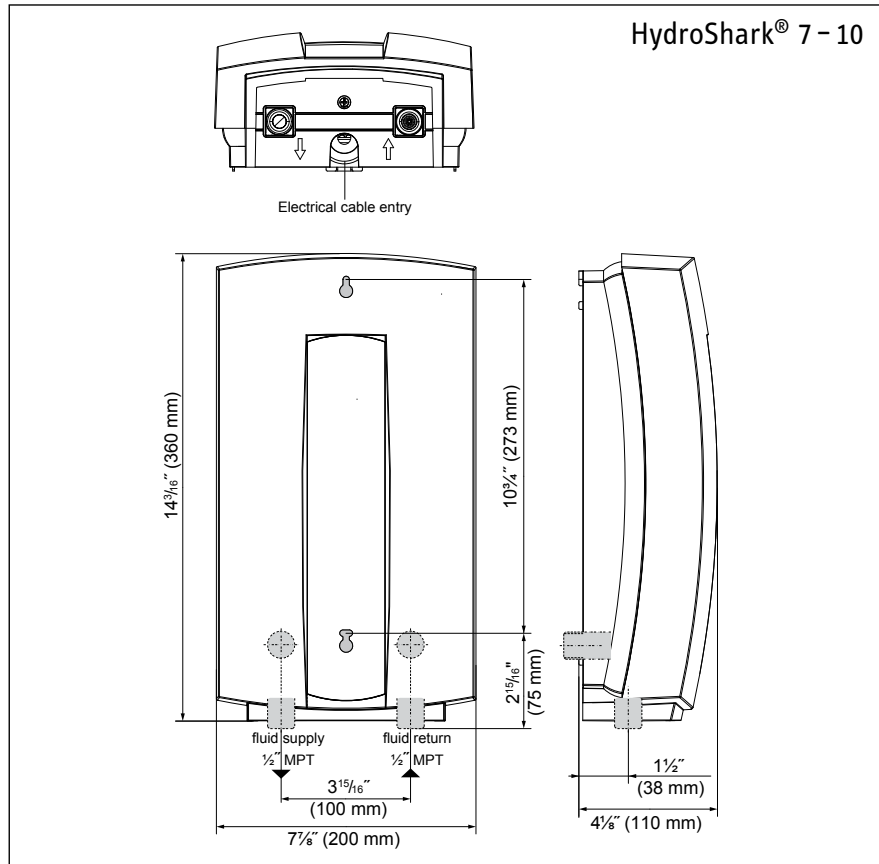
Flow Rate vs Temperature Rise



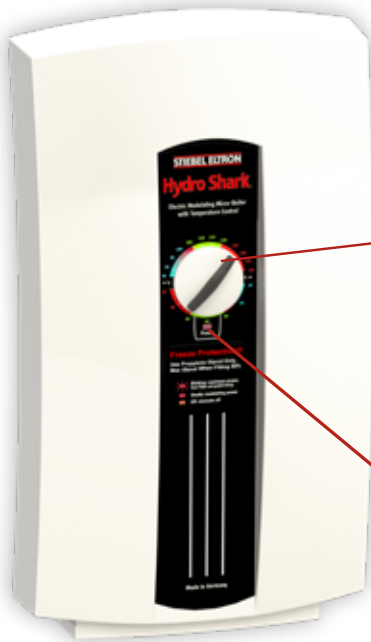
Boiler Pressure Loss



Dimensions

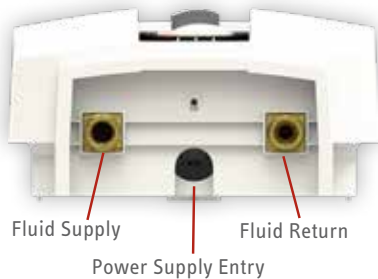


rev. 8.2025 Due to our continuous process of engineering and technological advancement, specifications may change without notice.

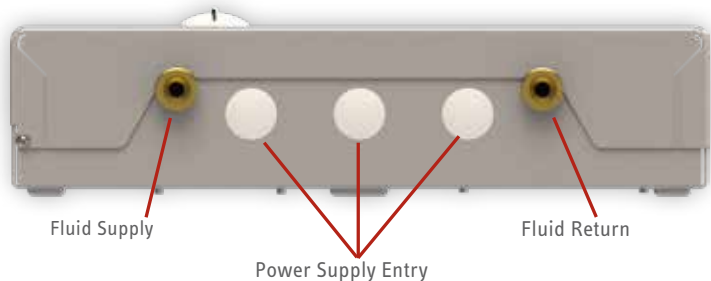


Boiler Controller
86-140 °F / 30-60 °C

Modulation
Status LED



Fluid Supply
Power Supply Entry
Fluid Return



Fluid Supply
Power Supply Entry
Fluid Return



HydroShark® 7-10:
Conforms to UL Std. 499
Certified to CAN/CSA
Std. E335-1 & E335-2-35

HydroShark® 12-36:
Conforms to UL Std. 834
Certified to CAN/CSA
Std. C22.2 No. 64

**ISO 9001
CERTIFIED**

Warranty



Additional terms and conditions apply. Please see complete warranty online for details.

Residential & commercial warranty: Subject to the terms and conditions set forth in this limited warranty, Stiebel Eltron, Inc. (the "Manufacturer") hereby warrants to the original purchaser (the "Owner") that each Tankless Electric Domestic Hot Water Heater (the "Heater") shall not (i) leak due to defects in the Manufacturer's materials or workmanship for a period of seven (7) years from the date of purchase or (ii) fail due to defects in the Manufacturer's materials or workmanship for a period of three (3) years from the date of purchase. As Owner's sole and exclusive remedy for breach of the above warranty, Manufacturer shall, at the Manufacturer's discretion, send replacement parts for local repair; retrieve the unit for factory repair, or replace the defective Heater with a replacement unit with comparable operating features. Manufacturer's maximum liability under all circumstances shall be limited to the Owner's purchase price for the Heater.