



HYDRA REVOLUTION

2 MODELS

ELECTRONIC AND MECHANICAL

- Available from 15 to 29 kW
- The Mechanical version has one terminal block. All models are certified for copper wiring, while models from 15 to 24kW are also certified for aluminium
- For the Electronic version, all models are copper and aluminium certified
- Mounting bracket included for ease of installation
- Light weight
 - 15-20 kW : 60lb
 - 24-29 kW : 80lb

THE SMALLEST ELECTRIC BOILER IN THE MARKET

DUE TO ITS CONTROL CAPABILITIES, THE ELECTRONIC VERSION OFFERS HIGH ENERGY EFFICIENCY

NEW
MECHANICAL
VERSION



NEW MECHANICAL
VERSION
NOW AVAILABLE



HYDRA REVOLUTION

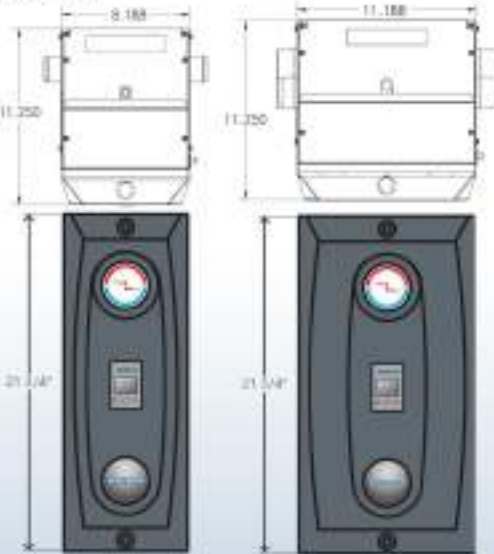


Electronic control

- Setpoint, water and outdoor temperature display
- Pressure gauge
- Solid state modulation (across all elements)
- Presets for four applications: baseboard, light, cast iron and mass
- Boost mode : addition of 10°F to setpoint for a period of 24 hours
- Displays outdoor and indoor temperature sensor failures, and defective elements' information
- The display shows past alarms and the time they occurred
- Integrated dual energy control
- Estimated electrical consumption display
- Circulator pump activated on heat demand, with off delay or continuous flow for temperature uniformity
- Adjustable high limit aquastat
- Outdoor temperature sensor



Actual configuration of the Electronic Hydra until Q2 2017



Side View Electronic Version

15, 18 and 20kW configurations dimensions

24, 27 and 29kW configurations dimensions

Mechanical configuration



Side View Mechanical Version

MODELS						
kW	15	18	20	24	27	29
BTU	51180	61146	68240	81888	92124	98948
Electrical supply	240/1/60 or 208/1/60					
Mechanical version	1 wire & 1 breaker					
Electronic version	1 wire & 1 breaker		2 wires & 2 breakers			
Weight	27.22kg/60 lb			36.29 kg/80 lb		
Inlet/Outlet Diameter	Mechanical	1" npt		1 1/4" npt		
	Electronic	1" npt				

*120V required when a 120V pump is used

Installation options

The appliance offers five possible installation configurations



All measurements are in inch
*The electronic model is represented

Mechanical control by adjustable aquastat

- Double protection mechanical high limit
- Relay with timer card for a delay on the other elements
- Combined gauge for pressure and temperature
- Pump relay
- 2 stage
- 1 terminal block for all units
- 24" clearance in front



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