

Small Hydronic Heater H-Series





Model Code: 6 12 6/8 AS-FS B C

- A: H Series Hot Water
- B: Number of copper tubes in coil
- C: Voltage 12 = 120 Volt
- D: 6,000 Btu heat output @ 140°F 8,000 Btu heat output @ 160°F
- E: Agua Stat / Fan Switch
- F: Grill color



- Tangential Blowers
- Fast Coil Heating
- Quiet Operation
- 1/2" Trade size copper tubes
- Flow-through design
- 4 or 8 Aluminum fins per inch
- Easy motor removal for maintenance
- Permanently lubricated motor
- Powder-coated white grill
- Hi / Off / Lo fan switch
- Use HW series thermostats
- 2-year limited warranty

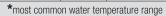
The H-Series Small Hydronic Heater - 1,800 to 10,500 BTU

King's H Series small hydronic heater uses the energy from a building's hot water source to offer efficient, whisper quiet operation and the ability to reduce utility bills with individual thermostat room control. By installing hydronic systems in every room, you can easily heat only the areas in use and conserve energy. Designed to fit neatly between standard wall studs, this in-wall heater provides out of the way positioning ideal for use in bedrooms, bathrooms, and laundry rooms. Provides 1800 to 10,500 Btu heat output.

Ordering In

		Model N	Model Number			Can Size			Grill Size			
		H412 – a	H412 – all versions		9½"h x 14%"w x 4¾"d			10½"h x 15¾"w x 1/8"d				
nformation		H612 — al	H612 – all versions		11"h x 14%"w x 4%"d			12½"h x 15¾"w x 7⁄8"d				
FINS PFR	FT. OF WATER PRESSURE	Rtu@2GPM	120°F	140°F*	160°F*	180°F	200°F 93°C	AMPS	RPM	CFM		





Coils are made of copper alloy 122 manufactured to ATSM B-75 specifications. Brazing alloy is AWS-BCUP2 for use with potable water systems.

Electrical circuit size: 15 amp maximum.

BTU ratings based on 68° entering air. To calculate 1 GPM, multiply by 0.95. To calculate 4 GPM, multiply by 1.05.

Engineering Specifications

Contractor shall supply and install H Series hydronic fan heaters manufactured by King Electrical Mfg. Co., Seattle, Washington.

Motor: 2 speed shaded pole impedance protected. Permanently lubricated. Bronze bearings.

Blower: Tangential blower to provide 50 or 120 CFM of air. Quiet operation of less than 53 dB A weighted scale at high speed. Easily removed for service. Bronze, not plastic, bearings.

Coils: 1/2" ID Copper tubes with Aluminum fins of no more than 8 fins per inch for free flow of air and maximum circulation of air and water. Tested at 300 PSI for leaks. Copper tube used in coil is Alloy 122 made to ASTM B-75 specifications. For potable water use.

Grill: 20 gauge mild Steel, louvered with Nickel-plated grill screws. Powder-coated in white.

Wall Can: 20 gauge mild Steel, electro-galvanized to resist corrosion. 1/2" knockout in bottom of can and QuickSet™ bend out mounting tabs for fast installation.

Fan Switch: 3 position fan switch High / Off / Low. Rated at 10 Amps with wire leads and insulated 1/4" quick connects.

Terminal Board: All electrical connections will terminate at a phenolic terminal board with 1/4" male brass blades for easy wiring.

Water Connections: 1/2" ID bare Copper tubes de-burred. Tested at 300 PSI for leaks. Clean out tubes for water connection.

Approvals: ETL (3131491PRT-001). All King heaters are tested to UL 1995 Standards. Approved for USA and Canada. CSA/C22.2.