

# PRODUCT SUBMITTAL SHEET



Capacities
1500, 2000, 3000, 4000 OR 4800 WATTS
120, 208, 240 OR 277V
1Ø and 3Ø
Thermostat Range: 40° - 90° F
Air Movement: 100 CFM MAX

## AWH ARCHITECTURAL SERIES FAN-FORCED WALL HEATERS

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Architect: \_\_\_\_\_

Engineer: \_\_\_\_\_

Contractor: \_\_\_\_\_

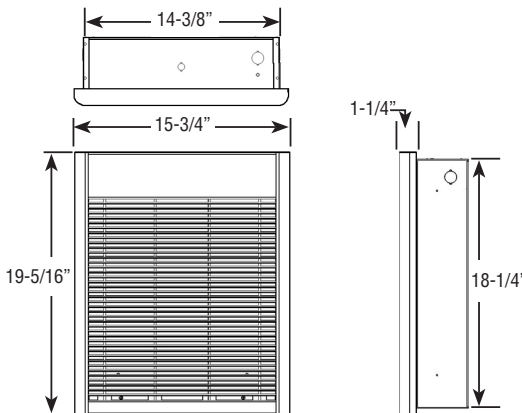
Submitted By: \_\_\_\_\_

Date: \_\_\_\_\_

Submitted By:		Date:	
Approved By:		Date:	

Item	QTY	Catalog Number	Tag	Watts	Volts	PH	AMPS	Weight

ACCESSORIES			
Item	QTY	Part Number	Tag



**Marley**  
Engineered Products

470 Beauty Spot Road East  
Bennettsville, South Carolina 29512  
www.marleymep.com  
ZSS-QAWH4 | 9-2015

INTERTEK  
**ETL**  
LISTED US

Conforms to ANSI/UL2021  
and CSA C22.2, No. 46

## SELECTION CHART

CATALOG NUMBER	VOLTS	PHASE	AMPS	WATTS	BTU/HR.	WIRE SIZE
AWH3150F	120	1	12.5	1500	5120	12 AWG
AWH3180F	120	1	15	1800	6142	12 AWG
AWH4408F*	208	1	19.2	4000	13650	10 AWG
			9.6	2000	6825	
AWH4404F*	240	1	16.7	4000	13650	10 AWG & 12 AWG
			8.3	2000	6825	
	208	1	14.4	3000	10235	
			7.2	1500	5120	
AWH4407F*	277	1	14.4	4000	13650	12 AWG
			7.22	2000	6825	
	240	1	12.5	3000	10235	
			6.3	1500	5120	
AWH4307F	277	1	10.8	3000	10235	12 AWG
			5.4	1500	5120	
AWH4303F	347	1	8.6	3000	10235	14 AWG
AWH4508F	208	1	23.1	4800	16380	10 AWG
AWH4504F	240	1	20	4800	16380	10 AWG
	208	1	17.3	3600	12285	
AWH4507F	277	1	17.3	4800	16380	10 AWG
	240	1	15	3600	12285	
AWH4503F	347	1	13.8	4800	16380	12 AWG
AWH44083F	208	3	11.1	4000	13650	14 AWG
AWH45083F	208	3	13.3	4800	16380	12 AWG
AWH44043F	240	3	9.6	4000	13650	14 AWG
AWH45043F	240	3	11.6	4800	16380	14 AWG
CATALOG NUMBER	DESCRIPTION					
AWHPE	Pneumatic/Electric switch. Factory set at 10 psig to "make" on pressure drop. May be field wired to "break" on pressure drop. Pressure set point adjustable to 30 psig. (Field installed.)					
AWHR2 (24 volt) AWHR12 (120 volt)	Time delay relay 40-60 seconds to close when energized. Use 120V or 24V power supply from remote source (feld installed).					
AWHS1	1" deep surface mounting frame for semi-recessed installation - Bronze					
AWHS2	2" deep surface mounting frame for semi-recessed installation - Bronze					
AWHSM	Surface mounting frame for surface installations. Painted to match heater decor, 3 13/16" deep - Bronze					
LFKSFCNW	14 gauge security front cover, White					

Standard finish is bronze. For White finish add W suffix to catalog number when ordering.

## ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The heating equipment shall include electric, automatic fan forced air heater suitable for large area heating, as manufactured by QMark®, A Marley Engineered Products Brand, Bennettsville, SC. The heater shall be designed for wall recess or surface mounting. Heaters shall be UL listed or equivalent (ETL).

**HEATER ASSEMBLY:** The heater assembly which fits into the back box shall consist of a fan panel upon which is mounted all of the operational parts of the heater.

**HEATING ELEMENT:** The heating element shall be of the non-glowing design consisting of a special resistance wire enclosed in a steel sheath to which steel plate fins are copper brazed. It shall be warranted for 5 years.

**FAN AND MOTOR:** Fan shall be five-bladed aluminum. Fan motor shall be totally enclosed.

**FAN DELAY SWITCH:** Fan control shall be of bi-metallic, snap-action type and shall activate fan after heating element reaches operating temperature. The fan shall continue to operate after the thermostat is satisfied and until the heating element is cool.

**THERMOSTAT:** The tamper-proof thermostat shall be of the bi-metallic snap-action type with enclosed contacts. It shall be completely concealed behind the front cover to become tamper proof.

**THERMAL CUTOUT:** A manual-reset thermal cutout shall be built into the system to shut off the heater in the event of overheating.

**POWER ON/OFF SWITCH:** A double-pole, single throw ON/OFF switch shall be mounted on the back box for positive disconnect of power supply. It will be completely concealed behind the front grille panel.

**PNEUMATIC/ELECTRIC SWITCH:** An optional pneumatic/electric switch shall be available for use with energy management systems employing pneumatic pressure devices for controlling comfort levels and set-back operations.

**LOW VOLTAGE RELAYS:** 24-volt and 120 volt low voltage relays shall be available as optional equipment to control 208, 240 or 277 volt heaters in conjunction with central energy control systems. The built-in thermostat can then be used as one of the thermostats in an automatic night set back operation.

**BACK BOX:** The back box shall be designed for duty as a recessed rough-in box in either masonry or frame installations, and is also used with the surface mounting frame in surface mounting installations. The back box shall be 20-gauge galvanized steel and shall contain knockouts through which power leads are brought.

**FRONT PANEL:** The front panel shall be of the bar grille type and shall be constructed of 16-gauge cold-rolled steel, welded into a uniform grille to direct the warmed air toward the floor. The front grille shall be surrounded by a decorative satin-finish aluminum "picture" frame.

**THREE PIECE DESIGN:** The heater shall be made up of a back box, a heater assembly and a front panel.

\*QMark reserves the right to change specifications without prior notice.