



| Capacities |
|---|
| 500, 562, 750, 1000, 1125, 1500, 2000 Watts |
| 120, 208, 240 or 277V |
| 1Ø only |
| Thermostat Range: 40° - 90° F |
| Air Movement: 65 CFM MAX |

**CWH ARCHITECTURAL SERIES
FAN-FORCED WALL HEATERS**

Job Name: _____

Location: _____

Architect: _____

Engineer: _____

Contractor: _____

Submitted By: _____

Date: _____

| | | | |
|---------------|--|-------|--|
| Submitted By: | | Date: | |
| | | | |
| Approved By: | | Date: | |
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| Item | QTY | Catalog Number | Tag | Watts | Volts | PH | AMPS | Weight |
|------|-----|----------------|-----|-------|-------|----|------|--------|
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| ACCESSORIES | | | |
|-------------|-----|-------------|-----|
| Item | QTY | Part Number | Tag |
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SELECTION CHART

| CATALOG NUMBER | VOLTS | AMPS | WATTS | BTU/HR. | WIRE SIZE |
|----------------|---|------|-------|---------|-----------|
| CWH1101DSAF | 120 | 8.4 | 1000 | 3413 | 14 AWG |
| | | 4.2 | 500 | 1706 | |
| CWH1151DSAF | 120 | 12.5 | 1500 | 5120 | 12 AWG |
| | | 6.25 | 750 | 2560 | |
| CWH1201DSAF | 120 | 15 | 1800 | 6143 | 12 AWG |
| CWH1202DSAF | 240 | 8.4 | 2000 | 6826 | 14 AWG |
| | | 4.2 | 1000 | 3413 | |
| | 208 | 7.3 | 1500 | 5120 | |
| | | 3.61 | 750 | 2560 | |
| CWH1207DSAF | 277 | 7.3 | 2000 | 6826 | 14 AWG |
| | | 3.61 | 1000 | 3413 | |
| | 240 | 6.25 | 1500 | 5120 | |
| | | 3.2 | 750 | 2560 | |
| CWH1157DSAF | 277 | 5.5 | 1500 | 5120 | 14 AWG |
| | | 2.75 | 750 | 2560 | |
| | 240 | 4.7 | 1125 | 3840 | |
| | | 2.35 | 562 | 1920 | |
| CWH1208DSAF | 208 | 9.6 | 2000 | 6826 | 14 AWG |
| | | 4.8 | 1000 | 3413 | |
| CATALOG NUMBER | DESCRIPTION | | | | |
| CWHSMAG | Surface Mounting Frame (Accessory). Order separately. 12-1/2"H x 10-3/8"W x 4"D | | | | |
| CWHS1AG | 1" Semi-recess Mounting Frame, 12-1/2"H x 10-3/8"W x 1"D | | | | |
| CWHS2AG | 2" Semi-recess Mounting Frame, 12-1/2"H x 10-3/8"W x 2"D | | | | |

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

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

BACKBOX: The backbox 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 backbox shall be heavy gauge galvanized steel and shall contain knockouts through which power leads are brought.

INNER FRAME ASSEMBLY: The heater assembly which fits into the backbox shall consist of a heavy gauge steel fan panel upon which is mounted all of the operational parts of the heater. The inner frame assembly shall be completely pre-wired.

HEATING ELEMENT: The heating element shall be of the non-glowing design consisting of an 80/20 nickel-chromium resistance wire enclosed in a steel sheath to which plate fins are copper brazed. It shall be warranted for 5 years. The element shall cover the entire air discharge area to ensure uniform heating of all discharge air.

DISCONNECT SWITCH: A double-pole single throw disconnect switch shall be mounted on the back box for positive disconnect of power supply. It will be completely concealed behind the front cover.

MOTOR AND CONTROLS: The fan motor shall be impedance protected, permanently lubricated and with totally enclosed rotor. Fan control shall be of the bi-metallic, snapaction type and shall activate fan after heating element reaches operating temperature, and continue to operate the fan after the thermostat is satisfied and until all heated air has been discharged. The thermostat shall be single pole type on all models. Manual-reset thermal cutout shall be bi-metallic, snapaction type designed to shut off heat in the event of overheating. The fan shall be four-bladed aluminum.

SURFACE MOUNTING FRAME: The surface mounting frame shall be of heavy gauge steel designed to mount around the backbox for a finished surface installation. Slot knock outs shall be provided for power supply conduit.

FRONT COVER: The louvered front cover shall be of heavy gauge steel with a polyester powder coat finish. A plug button will be provided to replace the thermostat knob and render the unit tamper-resistant.

FINISH: All sheet metal parts, except the galvanized steel backbox, shall be phosphatized, then completely painted by a powder paint process.

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

