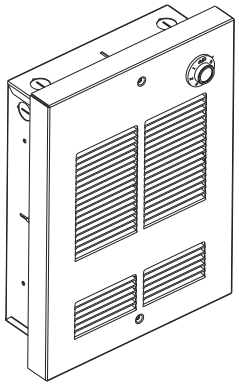
BERKO®
A Marley Engineered Products Brand
470 Beauty Spot Rd. E
Bennettsville, SC 29512

SUBMITTAL SHEET
SED SERIES

# FAN-FORCED SMALL WALL HEATER



Intertek

| CAPACITIES |
|---|
| 750–2000W<br>120V or 240/208V<br>1Ø<br>Temperature Range: 45°–90° F<br>Air Movement: 50 CFM |

See Selection Chart for all Options

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

SUBMITTED BY: _____ DATE: _____

| TAG/ITEM | QTY. | CATALOG NUMBER | HEATER | | | AMPS | GRILLE FINISH | CEILING MOUNT |
|---|---|---|---|---|---|---|---|---|
| | | | KW | VOLTS | Ø | | | |
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| ACCESSORIES AND CONTROLS | TAG/ITEM | QTY. | CATALOG NUMBER | DESCRIPTION |
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| SUBMITTED BY: | DATE |
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SED SERIES

# ARCHITECT'S AND ENGINEER'S SPECIFICATIONS*

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

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

**HEATING ELEMENT**: The heating element shall be of high quality nickel chromium resistance wire. It shall provide quick, uniform heat. It shall operate in the black heat range.

**FAN AND MOTOR**: The fan shall be four bladed of VALOX 420 material. The fan motor shall be a shaded 2 pole motor, impedance protected, class "B" insulation with permanently lubricated bearing.

**THERMOSTAT**: The thermostat shall be of the bi-metallic, 2 poles, snap action type with enclosed contacts.

**THERMAL CUTOUT**: An automatic thermal cutout with a built in warning light shall be provided to shut off the heater in the event of overheating. A secondary back up "One Shot" thermal fuse shall also be provided.

**FRONT COVER**: The louvered front cover shall be of heavy gauge steel finished in White powder paint or it shall be of stainless steel finished material. A plug button will be provided to replace the thermostat knob and render the unit tamper resistant.

**BACKBOX**: The backbox shall be designed for duty as a recessed 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 heavy gauge galvanized steel and shall contain knockouts through which power leads are brought out.

**THREE PIECE DESIGN**: The heater shall be made up of a backbox, a heater assembly and a front panel for recessed installations. Surface mounting installations shall required the use of a surface mounting frame.

**SURFACE MOUNTING FRAME**: The surface mounting frame shall be of commercial grade steel, designed to mount around the backbox for a finished surface installation. Slot knockouts shall be provided for power supply conduit.

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

## *Models & Specifications:*

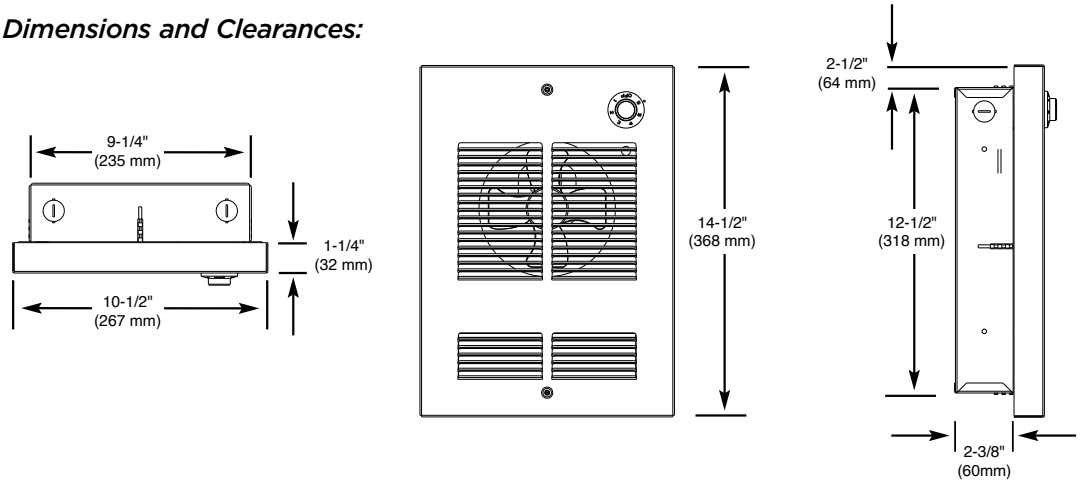
| ITEM INFORMATION | | ELECTRICAL DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CATALOG NO. | UPC | VOLTS | PHASE | WATTAGE | AMPS | BTU/HR. | CEILING MOUNT | SHIP WT. |
| SED1012C* | 685360081908 | 120 | 1 | 1000 | 8.3 | 3410 | Yes | 12 lbs |
| SED1512 | 685360081922 | 120 | 1 | 1500 | 12.5 | 5115 | No | 12 lbs |
| SED2024 | 685360081939 | 240/208 | 1 | 2000/1500 | 8.3/7.2 | 6820/5115 | No | 12 lbs |
| SED1012W | 685360148885 | 120 | 1 | 1000 | 8.3 | 3410 | Yes | 12 lbs |
| SED1024C* | 685360081915 | 240/208 | 1 | 1000/750 | 4.2/3.6 | 3410/2557 | Yes | 12 lbs |
| SED1024W | 685360156989 | 240/208 | 1 | 1000/750 | 4.2/3.6 | 3410/2557 | Yes | 12 lbs |

NOTE: Units available in built-in or wall-mounted thermostats. *Stainless Steel models

## *Optional Accessories:*

| CATALOG NO. | UPC | DESCRIPTION | COLOR | SHIP WT. |
|---|---|---|---|---|
| SEDSM | 685360010431 | White Surface Mounting Frame | White | 3 lbs |
| SEDSMC | 685360126173 | Stainless Steel Surface Mounting Frame | Stainless Steel | 3 lbs |
| SEDFCW | 685360126166 | Front Cover | White | 2 lbs |
| SEDFCC | 685360126159 | Front Cover | Stainless Steel | 2 lbs |

## *Dimensions and Clearances:*




No matter the industry or application, Marley Engineered Products has a robust portfolio of innovative, reliable, high-performance comfort heating and ventilation solutions for all your heating needs.

For more information or assistance on your next project, contact Technical Services at 800-642-4328

**Scan the QR code to access additional specs and features**

Approvals: _____ _____ _____