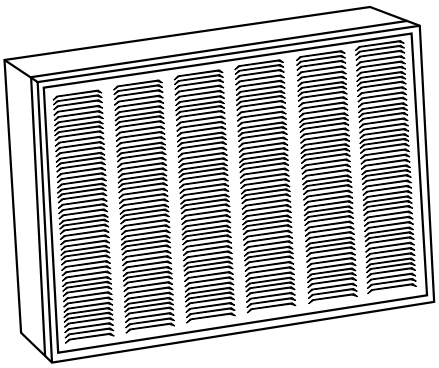
BERKO®
A Marley Engineered Products Brand
470 Beauty Spot Rd. E
Bennettsville, SC 29512

SUBMITTAL SHEET
MFQ SERIES

HIGH OUTPUT COMMERCIAL FAN-FORCED WALL HEATER



c UL us

CAPACITIES
6000 or 8000 Watts 208, 240, 277, 347, 480, 600V 1Ø only Thermostat Range: 60°–90° F Air Movement: 200 CFM

See Selection Chart for all Options

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

SUBMITTED BY: _____ DATE: _____

TAG/ITEM	QTY.	CATALOG NUMBER	HEATER			AMPS	BUILT-IN CONTROLS
			KW	VOLTS	Ø		

ACCESSORIES AND CONTROLS	TAG/ITEM	QTY.	CATALOG NUMBER	DESCRIPTION

SUBMITTED BY:	DATE

APPROVED BY:	DATE

MFQ SERIES

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS*

The heating equipment shall include an MFQ Series fan-forced air heater suitable for commercial application heating as manufactured by Berko®, a division of Marley Engineered Products®, Bennettsville, SC, USA Heaters shall be UL and c-UL listed.

The heater shall be designed for surface or recessed wall mounting. For surface or semi-recess mounting a MFQSM, MFQS-1 or MFQS-2 shall be used.

BACK BOX: The back box shall be designed for duty as a recessed rough-in box in either masonry or frame construction and also when mounting directly to the surface of the finished walls in surface mounting installations. The back box shall be heavy gauge galvanized steel and shall contain knockouts through which field wiring leads are brought.

INNER FRAME ASSEMBLY: The inner frame assemblies shall consist of a heavy gauge steel chassis on which are mounted the heating elements, fan motors and blades, thermostats, controls and thermal cutouts. The inner frame assemblies shall be completely prewired.

HEATING ELEMENT: The heating elements shall be guaranteed for five years and shall be of non-glowing design consisting of 80/20 Ni/Ch resistance wire enclosed in a steel sheath to which steel plate fins are brazed. The elements shall cover the entire air discharge area to ensure uniform heating of all discharged air.

MOTOR AND CONTROLS: The fan motors shall be impedance protected, permanently lubricated and totally enclosed. Fan controls shall be bimetallic, snap action type and shall activate fan after heating elements reach operating temperature, and continue to operate the fan after the thermostat is satisfied and until all heated air has been discharged. Thermostat(s) shall be tamper resistant on all models. Thermal cutout shall be bimetallic, snap-action type designed to shut off heat in the event of over-heating.

DISCONNECT SWITCH: A double-pole, single throw switch will be provided for positive disconnect of power supply. It will be completely concealed behind the front cover. It will be standard on all units.

FRONT COVER: The louvered front cover shall be of heavy gauge steel finished in White baked enamel.

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

FINISH: All sheet metal parts, expect the galvanized steel back box, shall be phosphatized, then completely painted by a baked enamel painting process.

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

Models & Specifications:

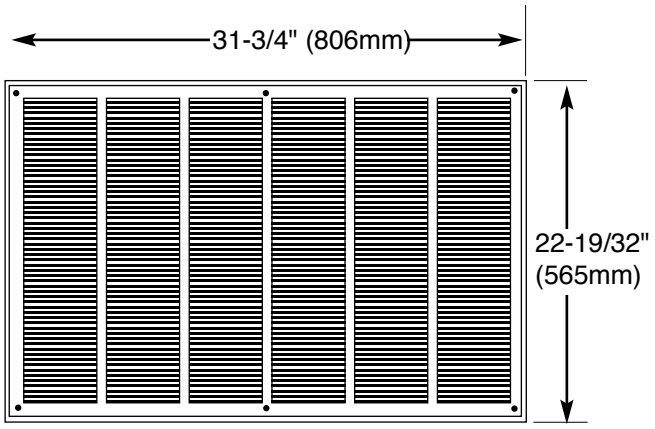
ITEM INFORMATION		ELECTRICAL DATA						
CATALOG NO.	UPC	VOLTS	PHASE	WATTS	AMPS	BTU/HR.	BUILT-IN THERMOSTAT	SHIP WT.
MFQ6008	685360046877	208	1	6000	28.8	20,525	Yes	50 lbs
MFQ60048	685360046846	480	1	6000	12.5	20,525	Yes	50 lbs
MFQ8008	685360046938	208	1	8000	38.5	27,368	Yes	50 lbs
MFQ8004	685360046891	240	1	8000	33.3	27,368	Yes	50 lbs
MFQ80048	685360046907	480	1	8000	16.7	27,368	Yes	50 lbs

Optional Accessories:

CATALOG NO.	UPC	DESCRIPTION	COLOR	SHIP WT.
MFQSM	685360046792	Surface Mounting Frame	White	6 lbs
MFQS1	685360046808	1 in. Semi-Recess Frame	White	5 lbs
MFQS2	685360046815	2 in. Semi-Recess Frame	White	6 lbs
MFQR24	685360046785	24V Power Relay	White	1 lbs
MFQR120	685360046778	120V Power Relay	White	1 lbs

MOUNTING LIMITATION
Recess mounting is standard.Use optional MFQ-SM for full surface mounting; MFQS-1 for 1" semi-recessed frame and MFQS-2 for 2" semi-recessed mounting. All are finished in white baked enamel. 22 ¾" high x 31 ¾" wide.

Dimensions and Clearances:



Back box dimensions 30-3/8" (771mm) wide x 21-1/4" (540mm) high x 3-3/4" (95mm) deep.

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: _____ _____ _____