

**MFQ SERIES**  
**COMMERCIAL FAN-FORCED WALL HEATERS**

- **6000 OR 8000 WATTS**
- **6 VOLTAGES**
- **FULL LOUVERED GRILLE**
- **BUILT-IN TAMPER RESISTANT THERMOSTAT**
- **BUILT-IN DISCONNECT SWITCH**
- **NORTHERN WHITE FINISH**

Ideal for offices, stores, schools, churches, hospitals, dormitories, airport terminals, reception rooms, entrance lobbies, corridors and stairwells. Unit installs easily in either new or remodeled buildings.

Operates at 6,000 or 8,000 watts at 208V, 240V, 277V, 347V, 480V or 600V, 1Ø, 60 Hz.

Steel finned metal sheath electric heating elements with low sheath temperatures provide uniform heat and long service life.

Rugged stamped steel front cover provides a down-flow air pattern and is attractively finished in Northern White. Integral thermostat for quick installation... separate thermostat not necessary.

Thermal overheat protectors dis-connect power in event of over-heating due to accidental blockage.

Built-in power disconnect switch for added safety during maintenance.

Built-in fan delay switch energizes fan motors only after elements are heated... prevents discharge of unheated air. When heat shuts off, the delay de-energizes fan motor after residual heat has been dissipated.

Can be wired with standard 60°C wire.

Permanently lubricated, totally enclosed fan motor provides long-life and low maintenance; gently distributes warmth through room area. 200 CFM

Recess or surface mount.

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 northern white baked enamel. 22-5/4" high x 31-3/4" wide (580 mm x 810 mm).



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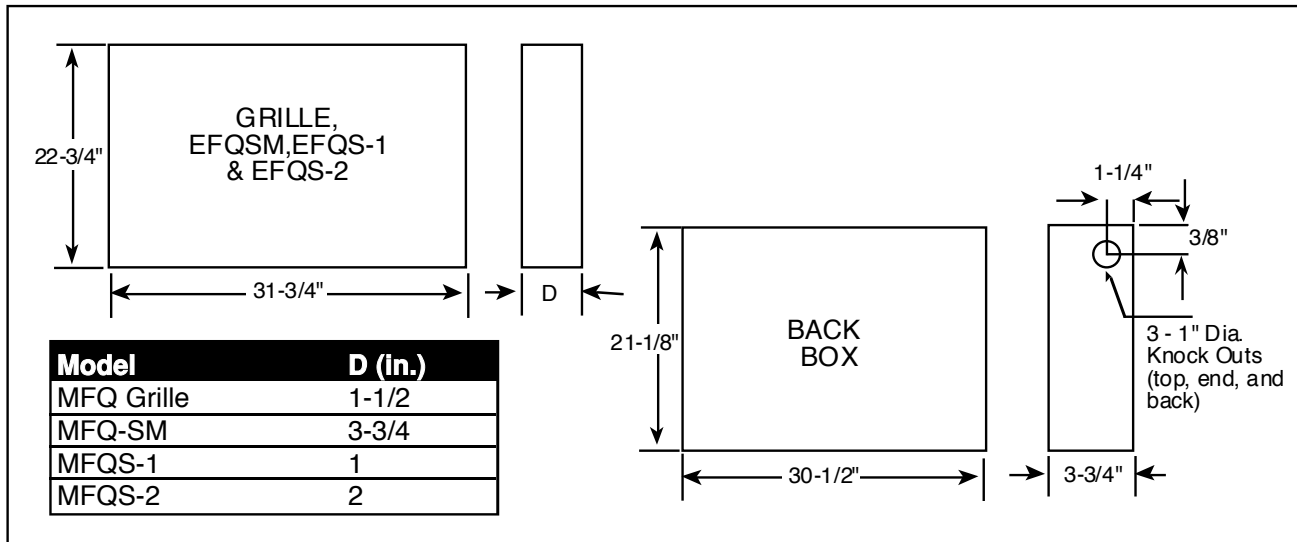
**ACCESSORIES**

CATALOG NO.	DESCRIPTION	SHPG. WT
MFQSM	Surface mounting Frame	6 Lbs
MFQS1	1" Semi-recess Frame	5 Lbs.
MFQS2	2" Semi-recess Frame	6 Lbs.
MFQR24	24 V Power relay	1 Lb.
MFQR120	120V Power relay	1 Lb.

**SELECTION CHART**

CATALOG NUMBER	VOLTS*	PH.	WATTS	AMPS	BTU/HR.	INTER.. THERMO.	DISCON. SWITCH	SHIP WT.
MFQ6008	208	1	6,000	28.8	20,525	YES	YES	50 LBS.
MFQ6004	240			25.0				
MFQ6007	277			21.7				
MFQ6003	347			17.3				
MFQ60048	480			12.5				
MFQ6006	600			10.0				
MFQ8008	208	1	8,000	38.5	27,368			
MFQ8004	240			33.3				
MFQ8007	277			28.9				
MFQ8003	347			23.1				
MFQ80048	480			16.7				
MFQ8006	600			13.3				

## DIMENSIONS



## 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 Marley Engineered Products Brand, 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 Northern 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, except the galvanized steel back box, shall be phosphatized, then completely painted by a baked enamel painting process.