

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

FRC ARCHITECTURAL SERIES FAN-FORCED WALL HEATERS

Job Name: _____

Location: _____

Architect: _____

Engineer: _____

Contractor: _____

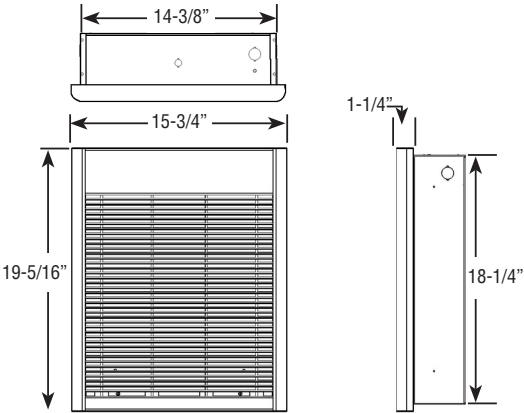
Submitted By: _____

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-BFRCO | 9 - 2015

INTERTEK
ETL
LISTED
C US
Conforms to ANSI/UL2021
and CSA C22.2, No. 46

SELECTION CHART

CATALOG NUMBER	VOLTS	PH.	WATTS	BTU/HR.	AMPS	CFM	SHIP WT. (LBS.)
FRC1512F	120	1	1500	5120	12.5	100	25
FRC1812F	120	1	1800	6142	15	100	25
FRC4020F	208	1	4000/2000	13650 / 682	19.2 / 9.6	100	25
FRC4024F	240	1	4000/2000	13650 / 6825	16.7/8.3	100	25
	208		3000/1500	10235 / 5120	14.4 / 7.2		
FRC4027F	277	1	4000/2000	13650 / 6825	14.4 / 7.2	100	25
	240		3000/1500	10235 / 5120	12.5 / 6.3		
FRC4307F	277	1	3000/1500	10235 / 5120	10.8 / 5.4	100	25
FRC4303F	347	1	3000	10235	8.6	100	25
FRC4306F	600	1	3000	10235	5	100	25
FRC4506FC	600	1	4800	16380	8	100	25
FRC4820F	208	1	4800	16380	23.1	100	25
FRC4824F	240	1	4800	16380	20	100	25
	208		3600	12285	17.3		
FRC4827F	277	1	4800	16380	17.3	100	25
	240		3600	12285	15		
FRC4503F	347	1	4800	16380	13.8	100	25
FRC40203F	208	3	4000	13650	11.1	100	25
FRC48203F	208	3	4800	16380	13.3	100	25
FRC40243F	240	3	4000	13650	9.6	100	25
FRC45043F	240	3	4800	16380	11.6	100	25

Standard finish: Statuary bronze. For Northern White finish, please add NW suffix to catalog number when placing an order.

CATALOG NUMBER	DESCRIPTION
FRPE	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.)
FRR2 (24 volt) FRR12 (120 volt)	Time delay relay 40-60 seconds to close when energized. Use 120V or 24V power supply from remote source (feld installed).
FRS1PB	1" deep surface mounting frame for semi-recessed installation - Stat Bronze
FRS2PB	2" deep surface mounting frame for semi-recessed installation - Stat Bronze
FRSMPB	Surface mounting frame for surface installations. Painted to match heater decor, 3 13/16" deep - Stat Bronze
VFKSFCNW	14 gauge security front cover - Northern White

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 Berko®, 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.

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