

ARCHITECTURAL HEAVY-DUTY FAN FORCED WALL HEATERS

FRC Series



APPLICATIONS:

Commercial Buildings

Entryways

Hotels

Offices

Restaurants

Stores



CONTEMPORARY DESIGN

- Bar-stock grille designed to provide optimized airflow



TAMPER RESISTANCE

- Closely spaced louvers discourage insertion of foreign objects
- Tamper-proof thermostat with the range of 40°-90°F, adjustable with a narrow blade screw driver through the louvers



UNIFORM DISTRIBUTION OF WARMTH

- Built-in fan delay switch energizes fan motor only after elements are heated, which prevents discharge of unheated air



SAFETY STANDARDS COMPLIANT

- Safety listed by Intertek (ETL) for use in the USA and Canada complying with ANSI/UL2021 and CSA C22.2, NO. 46 Safety Standards
- Manual reset thermal overload protector disconnects power in the event of overheating due to accidental blockage



DURABILITY AND EASY MAINTENANCE

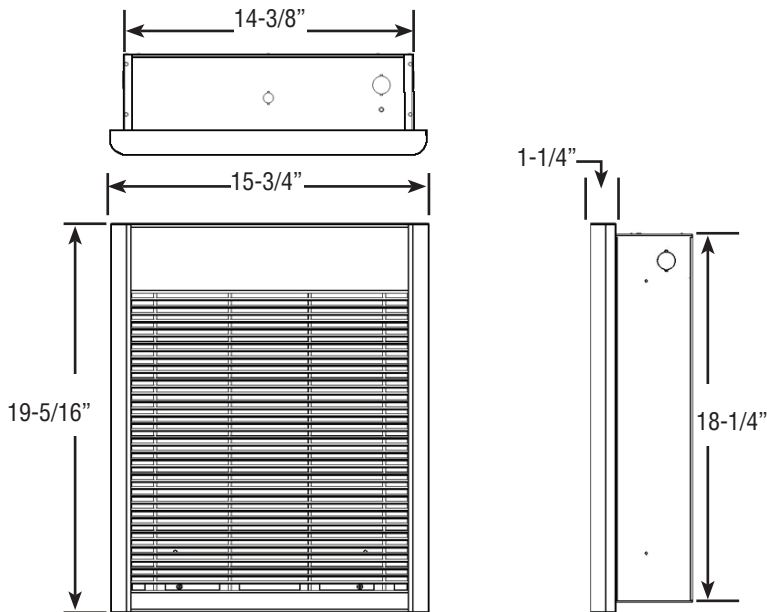
- All units have a permanently lubricated, totally enclosed fan motor, which creates long life and low maintenance, gently distributes warmth throughout the area

SELECTION CHART

CATALOG NUMBER	VOLTS	PHASE	AMPS	WATTS	BTU/HR.	WIRE SIZE
FRC1512F	120	1	12.5	1500	5120	12 AWG
FRC1812F	120	1	15	1800	6142	12 AWG
FRC4020F*	208	1	19.2	4000	13650	10 AWG
			9.6	2000	6825	10 AWG
FRC4024F*	240	1	16.7	4000	13650	10 AWG & 12 AWG
			8.3	2000	6825	
	208	1	14.4	3000	10235	
			7.2	1500	5120	
FRC4027F*	277	1	14.4	4000	13650	12 AWG
			7.22	2000	6825	
	240	1	12.5	3000	10235	
			6.3	1500	5120	
FRC3027F*	277	1	10.8	3000	10235	12 AWG
			5.4	1500	5120	
FRC4820F	208	1	23.1	4800	16380	10 AWG
FRC4824F	240	1	20	4800	16380	10 AWG
	208	1	17.3	3600	12285	
FRC48277F	277	1	17.3	4800	16380	10 AWG
	240	1	15	3600	12285	
FRC40203F	208	3	11.1	4000	13650	14 AWG
FRC48203F	208	3	13.3	4800	16380	12 AWG
FRC40243F	240	3	9.6	4000	13650	14 AWG
FRC48243F	240	3	11.6	4800	16380	14 AWG

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.
FRS2PB	2" deep surface mounting frame for semi-recessed installation.
FRSMPB	Surface mounting frame for surface installations. Painted to match heater decor, 3 13/16" deep
VFKSFC	14 gauge security front cover

DIMENSIONS



MOUNTING LIMITATIONS

1. For wall mounting - Do not install back box closer than 8 inches from floor or adjacent wall.
2. Do not install heater behind towel rack, behind door, in floor, in closet, in ceiling or where air flow may be obstructed. All controls are concealed behind the front cover making them essentially tamper proof. They will accommodate pneumatic/electric or low-voltage controls commonly used with computerized energy management systems.



Conforms to ANSI/UL2021
and CSA C22.2, No. 46