

## TYPE LFK COMMERCIAL FAN-FORCED WALL HEATER

- For supplementary heating of offices, reception rooms, game rooms, family rooms and similar light-duty commercial and residential applications.
- 2000, 3000, 4000 and 4800 watts at 240 volts; 60 hz.
- Steel finned metal sheath electric heating elements with low sheath temperature provide uniform heat and long service life.
- Rugged stamped steel front cover provides a down-flow air pattern and is attractively finished in Navajo white. A hole plug is provided for tamper resistant installations.
- Integral double pole thermostat with positive off.
- Thermal overheat protector disconnects power in event of overheating due to accidental blockage.
- Built-in fan delay switch energizes fan motor only after elements are heated...prevents discharge of unheated air. When heat shuts off, 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 throughout room area. 100 CFM.
- Recess or surface mount in standard 2" x 4" stud walls (Recess mounting is standard; surface-mounting frame LFK-SM for full surface mounting, LFKS-1 for 1" recess, and LFKS-2 for 2" recess are optional accessory - 19-3/16" high x 15-3/4" wide.)



### SELECTION CHART

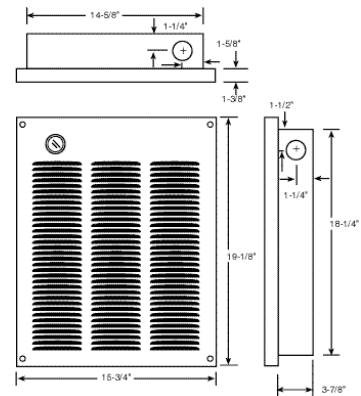
CATALOG NO.	VOLTS*	WATTS	BTU/HR.	AMPS
LFK204	240/208	2000/1500	6,826/5,120	8.3/7.2
LFK304	240	3000	10,239	12.5
LFK404	240/208	4000/3000	13,652/10,239	16.7/14.4
LFK484	240/208	4800/3600	16,382/12,287	20.0/17.3

\*Single Phase, 60 Hz. A.C.

### ACCESSORIES

CAT. NO.	DESCRIPTION
LFKSM	Surface mounting frame for surface installations. Painted to match heater decor. 3-13/16" deep.
LFKS-1	1" deep surface mounting frame for semi-recessed installation.
LFKS-2	2" deep surface mounting frame for semi-recessed installation.
LFK-SFC	14 gauge security front cover.

FILE # E21609



### MOUNTING LIMITATIONS

Do not install heater closer than 8" from floor or adjacent wall surface, behind towel rack or door, upside down or side up, in floor, ceiling or closet.

## Architect's and Engineer's Specifications

The heating equipment shall include an electric automatic LFK Series fan-forced heater suitable for large area heating.

Heaters shall be UL listed.

The heater shall be designed for wall recess or surface mounting. For surface mounting, a LFKSM surface mounting frame shall be used. For semi-recessed applications a LFKS-1 or LFKS-2 shall be used. Heaters shall be UL listed.

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

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

**FAN AND FAN MOTOR:** The fan shall be five-bladed aluminum. The fan motor shall be totally enclosed.

**FAN DELAY SWITCH:** Fan delay shall be by-metallic, snap-action type and shall activate fan after heating element reaches operating temperature and continue to operate until the heating element is cool.

**THERMOSTAT:** Double pole thermostat shall be of the bi-metallic, snap-action type with enclosed contacts.

**THERMAL CUTOUT:** A thermal cutout shall be built into the system to shut off the heater in the event of overheating.

**BACK BOX:** The back box shall be designed for duty as a recessed rough-in box in either masonry or frame installations. The back box shall be commercial grade galvanized steel and shall contain knockouts through which power leads are brought.

**FRONT COVER:** The louvered front cover shall be of commercial grade steel finished in Navajo White.

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