

# 3420 & 3450 Series Heavy-Duty Fan Forced Wall Heaters

## Factory Installed Accessories

Units with transformers must have a contactor. A control transformer with 120V secondary is available on all 3-phase models, 208V/240V 1-phase units up to 3KW, and up to 4KW on 277V. All heaters must be installed with a wall box.

| MFG MODEL NUMBER | DESCRIPTION                              | SERIES OPTIONS |      |
|------------------|------------------------------------------|----------------|------|
|                  |                                          | 3420           | 3450 |
| Suffix - R       | Contactor with Coil same as heater       | YES            | YES  |
| Suffix - R1      | Contactor with 24V Coil                  | YES            | YES  |
| Suffix - R2      | Contactor with 120V Coil                 | YES            | YES  |
| Suffix - C       | Circuit Breakers - all models            | NO             | YES  |
| Suffix - A1      | Control Transformers With 24V Secondary  | NO             | YES  |
| Suffix - A2      | Control Transformers With 120V Secondary | NO             | YES  |

| MFG CATALOG NUMBER | MFG MODEL NUMBER | DESCRIPTION                | WT. (LBS) |
|--------------------|------------------|----------------------------|-----------|
| 06919402           | 3450EX34         | 4" Surface Mounting Sleeve | 6         |
| 06919302           | 3450EX16         | 2" Semi-Recessing Sleeve   | 4         |
| 06919202           | 3450EX8          | 1" Semi-Recessing Sleeve   | 4         |
| 06916002           | 3420EX34         | 4" Surface Mounting Sleeve | 5         |
| 06915902           | 3420EX16         | 2" Semi-Recessing Sleeve   | 4         |
| 06915802           | 3420EX8          | 1" Semi-Recessing Sleeve   | 3         |

## 3450SD Series Setback on Demand Heavy-Duty Fan Forced Wall Heaters

### Features



3450SD White



3450SD Bankers Bronze  
(Tamper Proof)

- Heavy duty architectural style
- Automatic fan purge circuit
- Manual reset thermal limit switch
- Powder coated bar stock grill with extruded Aluminum frame and 16 gauge housing.
- Set desired comfort level and set-back level up to 12°F.
- The thermostat learns your schedule based on detected movement and returns the area to the desired temperature using two stage operation. If the thermostat does not detect movement within an hour, setback occurs to the preset level.
- Occupancy sensor defaults to economy mode after one hour, sensor has a 94 degree angular range and a 16' linear range
- Tamper proof grill covers the thermostat
- Corrosion resistant steel tubular element with brazed steel fins.
- Permanently lubricated, unit bearing, shaded pole motor with impedance protection.
- Factory preset to correct operating system/voltage of heater
- Propeller type fan blade:
  - 1400 RPM motor; 245 CFM
- Made in U.S.A.
- Available in white, consult factory.



### Features

| HEATER                                                                                                              |                     | WATTS | BTUs  | VOLTS | PH    | AMPS  | WT.<br>(LBS) |
|---------------------------------------------------------------------------------------------------------------------|---------------------|-------|-------|-------|-------|-------|--------------|
| MFG CATALOG<br>NUMBER                                                                                               | MFG MODEL<br>NUMBER |       |       |       |       |       |              |
| SERIES 3450SD - ROUGH-IN DIMENSIONS: 23 1/16" H x 14 1/4" W x 4 1/4" D<br>GRILL DIMENSIONS: 25 1/32" H x 17 1/16" W |                     |       |       |       |       |       |              |
| 03985102                                                                                                            | F3452SD             | 2000  | 6826  | 208   | 1     | 9.6   | 55           |
| 03985202                                                                                                            | H3452SD             |       |       | 240   |       | 8.3   |              |
| 03985302                                                                                                            | G3452SD             |       |       | 277   |       | 7.2   |              |
| 03985402                                                                                                            | J3452SD             | 2000  | 6826  | 208   | 3     | 5.6   |              |
| 03985502                                                                                                            | K3452SD             |       |       | 240   |       | 4.8   |              |
| 03985602                                                                                                            | F3453SD             |       |       | 3000  | 10239 | 208   |              |
| 03985702                                                                                                            | H3453SD             | 240   | 12.5  |       |       |       |              |
| 03985802                                                                                                            | G3453SD             | 277   | 10.8  |       |       |       |              |
| 03985902                                                                                                            | J3453SD             | 3000  | 10239 | 208   | 3     | 8.3   |              |
| 03986002                                                                                                            | K3453SD             |       |       | 240   |       | 7.3   |              |
| 03986102                                                                                                            | F3454SD             |       |       | 4000  | 13652 | 208   |              |
| 03986202                                                                                                            | H3454SD             | 240   | 16.7  |       |       |       |              |
| 03986302                                                                                                            | G3454SD             | 277   | 14.4  |       |       |       |              |
| 03986402                                                                                                            | J3454SD             | 208   | 3     |       |       | 11.1  |              |
| 03986502                                                                                                            | K3454SD             | 240   |       |       |       | 9.6   |              |
| 03986602                                                                                                            | F3455SD             | 5000  | 17065 | 208   | 1     | 24.03 |              |
| 03986702                                                                                                            | H3455SD             |       |       | 240   |       | 20.8  |              |
| 03986802                                                                                                            | G3455SD             |       |       | 277   |       | 18.1  |              |
| 03986902                                                                                                            | J3455SD             |       |       | 208   | 3     | 13.9  |              |
| 03987002                                                                                                            | K3455SD             |       |       | 240   |       | 12.0  |              |