# BRGAN

### SPECIFICATION SHEET

## FAN-FORCED WALL HEATERS

Broan brings the "designer" look to wall heaters in a wide choice of performance and finish options.

#### **FEATURES**

GRILLE:

- Designer-styled, one-piece construction with rounded corners
- White, baked enamel finish
- 20-gauge, with downflow louvers
- Front-mounted thermostat
- Color-coordinated mounting screws and thermostat knob HEATER ASSEMBLY:
- Nickel-chrome resistance alloy heating element
- Mica insulated, zig-zag element configuration
- Snap-action, bi-metallic thermostat
- 120 VAC units can be converted to operate on 240 VAC
- Wattage convertible (except 165F)
- Manual reset thermal overload protector
- Permanently lubricated motor
- High-efficiency blower wheel
- Removable from housing for cleaning or servicing
- HOUSING:
- 24-gauge steel finished with black expoxy paint
- Removable wiring cover connect wiring away from tight
- cornersMounts directly to wall studs
- Can be recess or surface-mounted (surface mounting requires Model 84 kit)
- Includes housing mask to prevent construction damage to roughed-in heater

Model 171H: Rough-in housing for use with finish assemblies

**Models 165F, 167F, 170F, 174F:** Finish assemblies for use with 171H rough-in housing

**Models 165FT, 167FT, 170FT, 174FT, 178FT:** Finish assemblies for use with 171H rough-in housing (Includes built-in thermostat)

- ACCESSORIES: (Purchase separately)
- Model 84 Surface-Mounting Kit
- Model 86W Line-Voltage Thermostat
- Model 59V, 59W 60-Minute Timer
- Model 61V, 61W 15-Minute Timer
- Model 83 Integral Thermostat (Use with 165F, 167F, 170F, 174F Finish assemblies when built-in control is desired)

NOTE: This heater is intended to be used to supply supplemental heat from a wall location in new or existing construction.

#### **TYPICAL SPECIFICATION**

Heater shall be Broan Model 165F, (167F), (170), (170F), (174), (174F), (178).

Unit shall have steel housing finished with black, epoxy paint. It will be recessed (surface) - mounted.

Heater to deliver 500, (750), (1000), (1500), (2000) watts of fan-forced heat at "black" temperatures. It must be wattage-convertible or voltage-selectable. Heater shall include a thermal overload protector with manual reset.

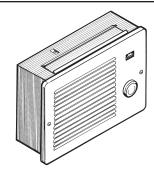
Grille will be White in color and be of 20-gauge, one-piece construction with no sharp edges. Unit to be controlled with front-mount thermostat, (Model 86W - Line-Voltage Thermostat), (Model 59V, 59W-60 Minute Timer), (Model 61V, 61W- 15-Minute Timer).

Heater shall be U.L. Listed.



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| REFERENCE | QTY. | REMARKS | Project           |  |  |
|-----------|------|---------|-------------------|--|--|
|           |      |         | Location          |  |  |
|           |      |         | Architect         |  |  |
|           |      |         | Engineer          |  |  |
|           |      |         | Contractor        |  |  |
|           |      |         | Submitted by Date |  |  |



## PERFORMANCE RATINGS — FAN-FORCED WALL HEATERS

| MODEL | WATTS                             | VOLTS                    | AMPS                              | BTU/HR.                            | GRILLE    | PACKAGING                                    | SHIPPING WT. (Lbs.)    |
|-------|-----------------------------------|--------------------------|-----------------------------------|------------------------------------|-----------|--|------------------------|
| 165F  | <b>500</b><br>375<br>500          | <b>240</b><br>208<br>120 | <b>2.08</b><br>1.80<br>4.16       | <b>1707</b><br>1280<br>1707        | Off White | Single                                       | 5                      |
| 167F  | <b>750</b> / 1500<br>1125 / 562   | <b>240</b><br>208        | <b>3.13</b> / 6.25<br>5.41 / 2.71 | <b>2560</b> / 5120<br>3840 / 1920  | Off White | Single Heater<br>Assembly and<br>Grille Only | 5                      |
| 170   | <b>1000</b> / 500<br>750<br>1000  | <b>120</b><br>208<br>240 | <b>8.3</b> / 4.1<br>3.61<br>4.16  | <b>3413</b> / 1707<br>2560<br>3413 | Off White | Single                                       | 7.5                    |
| 170F  | <b>1000</b> / 500<br>750<br>1000  | <b>120</b><br>208<br>240 | <b>8.3</b> /4.1<br>3.61<br>4.16   | <b>3413</b> / 1707<br>2560<br>3413 | Off White | Single Heater<br>Assembly and<br>Grille Only | 5                      |
| 174   | <b>1500</b> / 750<br>1125<br>1500 | <b>120</b><br>208<br>240 | <b>12.5</b> / 6.2<br>5.41<br>6.25 | <b>5120</b> / 2560<br>3840<br>5120 | Off White | Single                                       | 7.5                    |
| 174F  | <b>1500</b> / 750<br>1125<br>1500 | <b>120</b><br>208<br>240 | <b>12.5</b> / 6.2<br>5.41<br>6.25 | <b>5120</b> / 2560<br>3840<br>5120 | Off White | Single Heater<br>Assembly and<br>Grille Only | 5                      |
| 178   | <b>2000</b> / 1000<br>1500 / 750  | <b>240</b><br>208        | <b>8.3</b> / 4.1<br>7.2 / 3.6     | <b>6827</b> / 3413<br>5120 / 2560  | Off White | Single                                       | 7.5                    |
| 171H  | _                                 | _                        | —                                 |                                    | _         | 4-Pack<br>Rough-In<br>Housings Only          | 2.4 ea.<br>11.9 4-Pack |

**Bold** ratings are factory-wired.

