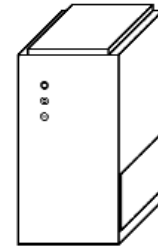


# DELUXE SERIES B ELECTRIC FURNACES



Clean, quiet and efficient units provide electrically controlled comfort throughout your cottage, home or office.

**FEATURES**

- Units do not produce any soot or smoke
- May be installed in a basement, closet, crawl space or any unused area or alcove
- Space saving design allows for zero clearance installation between the furnace and combustible surfaces
- Installation only requires the connection of power to the unit and the connection of the thermostat wires
- Quiet performance is assured through the special mounting and balancing of the blower wheel
- Standard Broan components assure versatility and convenience
- Thermal efficiency is assured through the use of Nickel-Chrome heaters which are oversized to ensure rapid heat transfer. Modules are plug-able which facilitates servicing
- Units require a 20" x 20" x 1" (510 mm x 510 mm x 25 mm) disposable type filter. Filter installation and removal does not require the use of tools. Filter units are specifically designed to trap dust and lint
- Connection components are equipped with a high temperature limit, restricting the operation of the unit at high temperatures
- Time delay sequencers are built into the units, this prevents power surges resulting in lights dimming or blown fuses
- Fan relays control automatic operation of blower and allows for the addition of air conditioning
- Housing constructed of steel and finished with a baked epoxy (powder paint) finish
- Transformer is of a heavy duty 24V type
- Supply wiring block contains copper connectors and an aluminum block
- Motor operates at low setting to help stabilize room temperature
- Thermostat "on" light facilitates locating malfunctions
- Approximately half of the elements are disconnected during the milder fall and spring months so entire furnace is not energized (when using Energy Saver switch)
- Motor runs continuously on high for constant air circulation during warm weather months (when using the mode control switch)
- 21B27MS has built-in noise-absorption components to run quietly during continuous or regular cycle modes

**TYPICAL SPECIFICATION**

Furnace shall be Broan model 21B10M, 21B15M, 21B18M, 21B20M, 21B25M or 21B27MS.

Unit housing shall be 40" H x 20" W x 20" D (1016 mm H x 510 mm W x 510 mm D). Filter is installed outside of unit housing with the use of rivets (included with unit).

Blower assembly shall have a centrifugal-type blower wheel and a permanently-lubricated motor.

Units shall be CSA certified.



Broan-NuTone Canada Inc., 1140 Tristar Drive, Mississauga, Ontario, Canada L5T 1H9 (1-888-882-7626)

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by <span style="float: right;">Date</span>

# DELUXE SERIES B ELECTRICAL FURNACES

## Specifications

MODEL	VOLTS	PHASE	AMPS INCL. MOTOR	KW	BTU/hr. (kJ/hr.)	Factory Set CFM (L/s)	MAX Ps (5.1 mm Wg)	MAX Ps (12.7 mm Wg)	TEMPERATURE RISE		MOTOR H.P.	BLOWER SIZE (mm)
									°C	°F		
21B10M	240	1	46	10	34120 (36999)	756 (356)	1301	1207	21	38	1/3	10" x 8" (254 x 203)
21B15M	240	1	67	15	51180 (53998)	1035 (488)	1301	1207	24	43	1/3	10" x 8" (254 x 203)
21B18M	240	1	77	18	61416 (64797)	1035 (488)	1301	1207	27	49	1/3	10" x 8" (254 x 203)
21B20M*	240	1	86	20	68240 (71997)	1035 (488)	1301	1207	33	59	1/3	10" x 8" (254 x 203)
21B25M*	240	1	107	25	85300 (89996)	1035 (488)	1301	1207	37	67	1/3	10" x 8" (254 x 203)
21B27MS*	240	1	116	27	92124 (97196)	1216 (574)	1640	1513	36	65	3/4	12" x 8" (305 x 203)
83B13	208	3	42	13.5	46062 (48598)	1200 (566)	1315	1144	20	36	1/3	10" x 8" (254 x 203)
83B24	208	3	70	24	81880 (86396)	1200 (566)	1315	1144	35	63	1/3	10" x 8" (254 x 203)
83B27	208	3	78	27	92124 (97196)	1315 (621)	1315	1144	36	65	1/3	10" x 8" (254 x 203)

\* Check specifications in installation guide for CSA limitations when operating in continuous low speeds.