

## NORTRON/BROAN ELECTRIC FURNACES

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### NORTRON/BROAN ELECTRIC FURNACES

#### ADVANTAGES OF AN ELECTRIC FURNACE

The Nortron by Broan line of Electric Furnaces is the preferred choice for homeowners everywhere. Noted for their superior construction, unparalleled performance and low maintenance, these furnaces represent electric home heating at its best. With Nortron by Broan you'll not only benefit from simple installations, worry-free operation and increased energy efficiency, you'll gain exceptional versatility, functionality and premium features that bring comfort, convenience, and peace of mind to every moment you spend at home.

- **Installs almost anywhere**

In a basement, closet, crawl space or any unused area or alcove convenience. CSA approved for zero clearance.

- **Efficiency**

No chimney is required, so 100% of the heat produced stays inside.

- **Simple Installation**

No complex controls to attach. Just connect the power and thermostat wires.

- **Cleanliness**

Produces no soot or smoke.

- **Versatility**

For complete comfort, add air conditioner, power humidifier or electronic air cleaner as desired.

- **Quiet Operation**

The blower – the only moving part – is specially mounted and balanced for an optimal quiet operation.

- **Multi-Speed Motor**

Standard equipment for versatility and convenience.



#### CSA APPROVED

All models are CSA approved for zero clearance installation. 10, 15, 18 and 20 kW models meet additional requirements for use in mobile homes when used with FSB1 sub-base.

### B SERIES — DELUXE ELECTRIC FURNACES

240 volt Electric Furnace with a single phase, multi-speed motor for versatility and convenience. Offers quiet operation and simple installation. It can be installed almost anywhere, in a basement, closet, crawl space or any unused area or alcove.

STOCK #	MODEL	KW	ELECTRICAL	HP	BTU/HR	WEIGHT/ LBS	PRICE
801081	21B10M	10	4 speeds, 240V, 1 Phase	1/3	34,120	107	\$1,589.00
801082	21B15M	15	4 speeds, 240V, 1 Phase	1/3	51,180	108	1,764.00
801083	21B18M	18	4 speeds, 240V, 1 Phase	1/3	51,416	110	1,855.00
801084	21B20M	20	4 speeds, 240V, 1 Phase	1/3	68,240	110	1,855.00
801085	21B25M	25	4 speeds, 240V, 1 Phase	1/3	85,300	115	2,030.00
801086	21B27MS	27	4 speeds, 240V, 1 Phase	1/3	92,124	115	2,304.00
801090	83B13	13	3 speeds, 208V, 3 Phase	1/3	46,062	105	2,350.00
801091	83B24	24	3 speeds, 208V, 3 Phase	1/3	81,880	115	2,700.00
801092	83B27	27	3 speeds, 208V, 3 Phase	1/3	92,124	120	2,950.00



**NOTE:** For Technical Data, refer to end of section.

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### ECM SERIES — THE ENERGY EFFICIENT SOLUTION

#### Home Heating Goes Green. . .

A brilliant advancement in furnace technology, the Nortron by Broan ECM Series offers improved operating efficiency, lower overall energy costs and reduced greenhouse gas emissions associated with conventional electric power generation.

The superior performance of electronically commutated motors (ECM) is in part due to the motor's brushless DC design, which ensures greater efficiency over a wide speed range. Its permanent-magnet rotor ensures lower heat losses.



STOCK #	MODEL	KW	ELECTRICAL	HP	BTU/HR	WEIGHT/ LBS	PRICE
801102	21ECM15	15	3 speeds, 240V	1/3	51,180	100	\$2,443.00
801104	21ECM18	18	3 speeds, 240V	1/3	61,420	100	2,533.00
801106	21ECM20	20	3 speeds, 240V	1/3	68,240	100	2,533.00
801108	21ECM23	23	3 speeds, 240V	1/3	76,842	100	2,675.00

**NOTE:** For Technical Data, refer to end of section.

### D SERIES — ELECTRIC FURNACES

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

#### Features

- Space saving design allows for zero clearance installation between the furnace and combustible surfaces
- Quiet performance is assured through the special mounting and balancing of the blower wheel
- 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
- Fan relay and PCB electronic controller control automatic operation of blower and allow for the addition of air conditioning
- Motor can be adjusted to operate continuously at low or medium speed for more uniform room temperature distribution
- Motor runs continuously on high for constant air circulation during warm weather months (when using the Continuous Speed switch)
- 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.



STOCK #	MODEL	KW	ELECTRICAL	HP	BTU/HR	WEIGHT/ LBS	PRICE
801120	21D10	10	4 Speeds, 240V, 1 Phase	1/3	34,120	100	\$1,536.00
801122	21D15	15	4 Speeds, 240V, 1 Phase	1/3	51,180	100	1,656.00
801124	21D18	18	4 Speeds, 240V, 1 Phase	1/3	61,420	100	1,728.00
801126	21D20	20	4 Speeds, 240V, 1 Phase	1/3	68,240	100	1,763.00
801128	21D23	23	4 Speeds, 240V, 1 Phase	1/3	76,842	100	1,784.00
801130	21D25	25	4 Speeds, 240V, 1 Phase	1/3	85,003	100	1,934.00
801132	21D27	27	4 Speeds, 240V, 1 Phase	3/4	92,130	110	2,194.00

**NOTE:** For Technical Data, refer to end of section.

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### FURNACE OPTIONS

STOCK #	MODEL	DESCRIPTION	PRICE
801050	FK120	120 Volt Kit for B-Series and D-Series Models	\$140.00
801054	FSB1	Furnace Sub-Base	133.00



FK120



FSB1

### REPLACEMENT PARTS

STOCK #	MODEL	DESCRIPTION	PRICE
801017	30270024/10940927	24V Fan Relay	\$95.00
801022	30270048/10940928	240V Fan Relay	137.00
801018	30270032	Automatic limit	44.00
801006	30030025	Fan control switch SPDT	20.00
801044	30270046	Diagnostic Light	56.00
801062	10941203	Motor (21B and 21D)	497.00
801025	30080424/10941203	Motor (21D)	473.00
801058	10941289	Motor (21ECM15)	540.00
801060	10941290	Motor (21ECM18/20/23)	540.00
801026	30080032	Motor Assembly 240V 1/4 HP	612.00
801048	624663	Board (for D Series)	58.00
801045	624664	Board – PCB Daughter	16.50
801046	624665	Board	108.00
801004	30030006	Low Speed Switch	7.00
801043	30270038	Capacitor for 1/4 and 1/3 HP motors	77.00
801036	10940080	Element Assembly 5000W 240V	226.00
801039	10940081	Element Assembly 4500W 240V	226.00
801037	10940082	Element Assembly 4500W 208V	226.00
801040	10920140	Filter Frame – 20" x 20"	59.00
801008	30300022/30300008	Transformer	64.00
801019	41274001	Sequencer – Old Style	101.00
801033	10940101	Power Distribution Block – 3 Pole	103.00
801034	30270031	Low Voltage Terminal Block	28.00
801015	30274131	Relay 20 AMP	23.00
801016	30274132	Relay 30 AMP	23.00
801041	30280025	Electric Control Board	160.00

### Time Delay Relays (Sequencers)

STOCK #	MODEL	BOTTOM	SECOND	THIRD	PRICE
801014	30270025	–	B15	B24-27-30	\$79.00
801010	30270026	B10	B18-20-24-25-27-30		96.00
801011	30270027 /10940925	B13-15-18-20			119.00
801012	30270028/10940926	B24-25-27-30			142.00

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