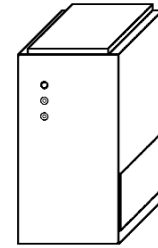


ECM SERIES ELECTRIC FURNACES



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 pluggable which facilitates servicing
- Units require a 20" x 20" x 1" 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 relays are built into the units, this prevents power surges resulting in lights dimming or blown fuses
- Fan relay and PCB electronic controller control automatic operation of blower and allow 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 24 V type
- Supply wiring block contains copper connectors and an aluminum block
- Motor can be adjusted to operate continuously at low or medium speed for more uniform room temperature distribution
- Thermostat "on" light facilitates locating malfunctions
- The elements come on-line faster during the coldest winter months (when using the Energy saver switch)
- Motor can be adjusted to run continuously for constant air circulation during warm weather months (when using the Mode control switch)
- Electric furnace control manages all furnace functions and provides thermostat connections
- Energy efficiency is assured through the use of Electronically Commutated Motor (ECM™)

TYPICAL SPECIFICATIONS

Furnace shall be Broan model 21ECM15, 21ECM18 or 21ECM20.
 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 Date

ECM SERIES ELECTRIC FURNACES — Specifications

240 VOLTS – SINGLE PHASE						TEMP. RISE @ 0.20 in W.C.			
MODEL NO.	KW	BTUH	AMPS INCL. MOTOR	HP	BLOWER	°C	°F	*SPEED	RPM
21ECM15	15	51180	64	1/3	10" x 8" (254 mm x 203 mm)	22	72	MEDIUM	903
21ECM18	18	61420	76	1/3		26	79	MEDIUM	903
21ECM20	20	68240	84	1/3		29	84	MEDIUM	903

*FACTORY SETTINGS.