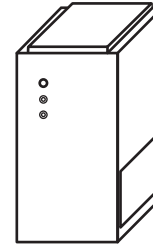


D SERIES ELECTRIC FURNACES



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 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 high temperature limits, 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 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 24V type
- Supply wiring block enables copper and aluminum conductors
- 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 Season Select switch)
- Motor runs continuously on high for constant air circulation during warm weather months (when using the Continuous Speed switch)
- Electric furnace control manages all furnace functions and provides thermostat connections
- 21D27 has built-in additional noise-absorption components to run quietly during continuous or regular cycle modes

TYPICAL SPECIFICATION

Furnace shall be Broan model 21D10, 21D15, 21D18, 21D20, 21D23, 21D25 or 21D27.
 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.
 Blower assembly shall have a centrifugal-type blower wheel and a permanently-lubricated motor.
 Units shall be CSA certified.



Broan-NuTone Canada; Mississauga, Ontario www.broan.ca 877-896-1119

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

NORTRON
by **BROAN**

D SERIES 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		
21D10	240	1	46	10	34120 (36999)	756 (356)	1301	1207	21	38	1/3	10" x 8" (254 x 203)
21D15	240	1	67	15	51180 (53998)	1035 (488)	1301	1207	24	43	1/3	10" x 8" (254 x 203)
21D18	240	1	77	18	61416 (64797)	1035 (488)	1301	1207	27	49	1/3	10" x 8" (254 x 203)
21D20	240	1	86	20	68240 (71997)	1035 (488)	1301	1207	33	59	1/3	10" x 8" (254 x 203)
21D23	240	1	94	22.5	76842 (83326)	1035 (488)	1301	1207	36	97	1/3	10" x 8" (254 x 203)
21D25	240	1	107	25	85300 (89996)	1035 (488)	1301	1207	37	67	1/3	10" x 8" (254 x 203)
21D27	240	1	116	27	92124 (97196)	1216 (574)	1640	1513	36	65	3/4	12" x 8" (305 x 203)