

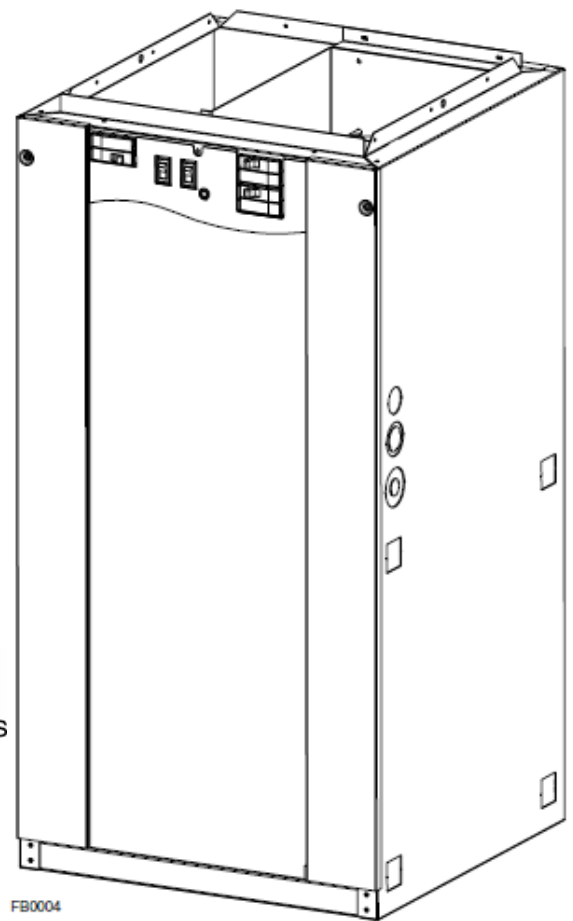
ELECTRIC FURNACES

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 Nortron components assure versatility and convenience
- Thermal efficiency is assured through the use of nickel-chrome heaters which are oversized to ensure rapid heat transfer
- 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 for 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 24 V type
- Supply wiring block enables copper or aluminum conductors
- Electric furnace control manages all furnace components to run quietly during continuous or regular cycle modes
- Energy efficiency is assured through the use of Electronically Commutated Motor (ECM™), permanently lubricated (ECM series)
- High quality precision balanced centrifugal-type blower
- CSA approved double-pole magnetic circuit breakers provide overcurrent protection and safely cut-off the power supply on both poles of the heater elements (number of circuit breakers varies by model).

5 years warranty against defects.



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

Specifications

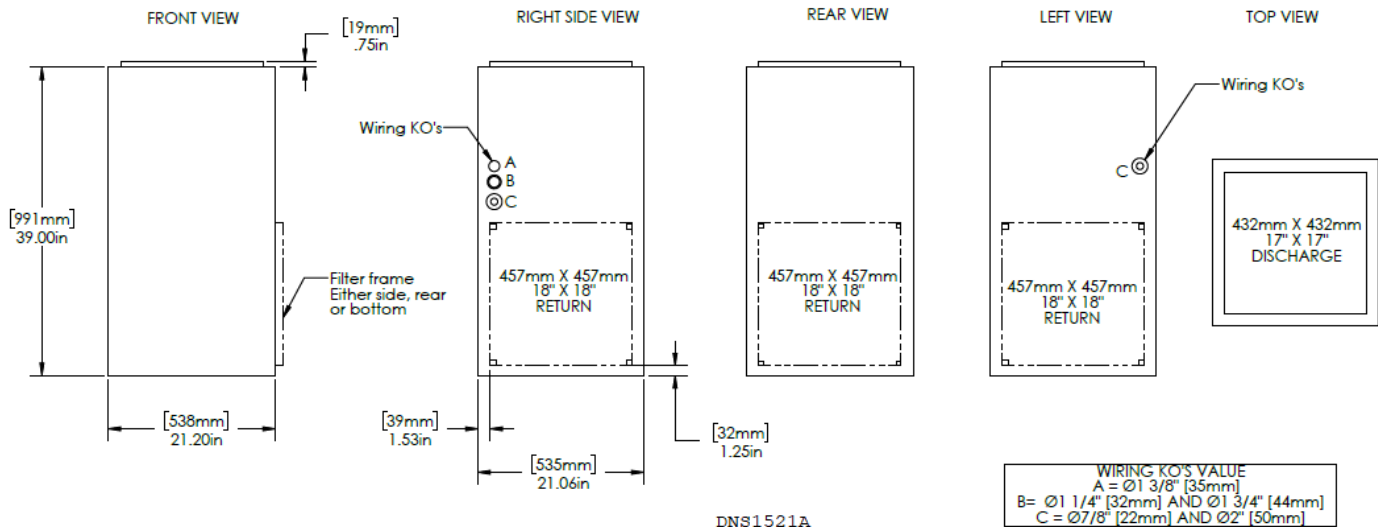
ECM SERIES

Model	Volts	Phase	Amps incl. motor	kW	BTU/hr	Air Flow Rate – Factory Set				Temp. Rise		Motor HP	Blower size (mm)
						Heating		Cooling		°C	°F		
						Max CFM @ 0.2" w.g. (Max L/s @ 5.1 mm w.g.)	Max CFM @ 0.5" w.g. (Max L/s @ 12.7 mm w.g.)	Max CFM @ 0.2" w.g. (Max L/s @ 5.1 mm w.g.)	Max CFM @ 0.5" w.g. (Max L/s @ 12.7 mm w.g.)				
21ECM10-A	240	1	43	10	34121	1040 (491)	365 (172)	1130 (533)	1015 (479)	24	42	1/3	10" x 8" (254 x 203)
21ECM15-A			64	15	51182					25	46		
21ECM18-A			76	18	61419					30	55		
21ECM20-A			84	20	68243					34	60		
21ECM23-A			95	23	78479					39	70		

3-PHASE MODELS

Model	Volts	Phase	Amps incl. motor	kW	BTU/hr	Air Flow Rate – Factory Set				Temp. Rise		Motor HP	Blower size (mm)
						Heating		Cooling		°C	°F		
						Max CFM @ 0.2" w.g. (Max L/s @ 5.1 mm w.g.)	Max CFM @ 0.5" w.g. (Max L/s @ 12.7 mm w.g.)	Max CFM @ 0.2" w.g. (Max L/s @ 5.1 mm w.g.)	Max CFM @ 0.5" w.g. (Max L/s @ 12.7 mm w.g.)				
83B13-A	208	3	42	13.5	46064	1240 (585)	1165 (550)	1420 (670)	1330 (628)	21	38	1/3	10" x 8" (254 x 203)
83B24-A			72	24.8	84621					35	63		

Dimensions



Specifications may change without prior notice.