OFE-B First Generation Nortron Electric Furnace

NORTRON

Features

Color
• Standard: grey.

Voltage
• 208V, 3-phase.

Construction
• One panel on casing provides access to internal parts.

Fan
• High quality precision balanced blower for quiet operation and optimal performance.

Motor
• Standard motor (PSC), permanently lubricated and rubber mounted for maximum vibration and noise reduction.
• Furnace interlock kit designed to connect the furnace operation with a ventilation fan or a heat recovery ventilator unit (optional).

Heating element
• Heavy duty, reliable Helical coil nickel-chromium alloy wire provide superior heat transfer with unrestricted air flow.
• Heating elements can be individually replaced.
• High-limit temperature control with automatic reset.
• Elements modulation is done by electro-mechanical sequencers.

Control
• Heavy duty 24VAC transformer provides power to relays and controls.
• Easy access built-in breakers with manual reset.
• "Season Selection" switch: "Mild" or "Cold".
• "Recirculation Mode" switch: "On" or "Off".
• Compatible with 1 or 2-stage thermostat with or without external unit.

Installation
• Multi-position installation, sides, back, or bottom air returns.
• Approved for zero clearance installation against combustible surfaces.

Warranty
• 5-year warranty against defects.

Application
• For cottages, homes or offices, also approved for mobile homes use. May be installed in a basement, closet, crawl space or any unused area or alcove.

Models 208V with Standard Motor (PSC)

Product #	Volts (3 ph) 3 wires	kW (BTU/hr)	Amp. including motor	Motor HP	Static Pressure at 0.2" W.C.		Weight	
					Motor Speed[1]	cfm[2]	lb	kg
83B13-A	208	13.5 (46105)	42.0	1/3	Medium	1126	105	47.6
83B24-A	208	24.0 (81964)	70.0	1/3	Medium	1126	115	52.2

Option

Product # Kit	Description
FIK	Furnace Interlock Kit

[1] *Factory settings.*
[2] *Refer to the installation instructions and owner's manual for complete air flow tables.*

Wall Controls

Compatible with any low voltage thermostat.

Front View

991 mm
39"

538 mm
21 1/4"

19 mm
3/4"

Filter frame (either side, rear or bottom)

Right Side View

Wiring KOE

A
B
C

457 mm x 457 mm
18" x 18"
Return

39 mm
1 1/2"

538 mm
21 1/4"

32 mm
1 1/4"

Rear View

457 mm x 457 mm
18" x 18"
Return

Left Side View

Wiring KOE

C

457 mm x 457 mm
18" x 18"
Return

Top View

432 mm x 432 mm
17" x 17"
Discharge

WIRING KOE VALUES
A = 1 3/8" (35 mm)
B = 1 1/4" (32 mm) and 1 3/4" (44 mm)
C = 7/8" (22 mm) and 2" (50 mm)