

# OFF-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.
- Models with Standard Motor (PSC): Installation is forbidden outside Quebec.

### 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)<sup>1</sup>

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

## Option

Product #	Description
<b>Kit</b>	
FIK	Furnace Interlock Kit

<sup>1</sup> Installation is forbidden outside Québec.

<sup>2</sup> Factory settings.

<sup>3</sup> Refer to the installation instructions and owner's manual for complete air flow tables.

## Wall Controls

Compatible with any low voltage thermostat.

