

# OTS Trench insert floor convector



## Features

### Color

- Standard: semi-gloss black.
- Optional (upcharge applicable): white, almond, metallic silver, bronze, metallic charcoal, aluminum, sand.
- Custom colors available upon request.

### Finish

- Standard: epoxy/polyester powder paint.

### Voltage

- 120V, 208V, 240/208V, 277V, 347V, 480V, 600V, 1-phase.

### Construction

- Sturdy construction of 20-gauge steel.
- Linear high-limit temperature control with automatic reset.
- Linear high-limit temperature control with manual reset.

### Heating element

- Stainless steel tubular heating element with aluminum fins.
- Floating heating element on high-temperature nylon bushings reducing expansion noises.

### Watt density

- Average standard watt density of 250W/ft.
- Average low density of 200W/ft., 167W/ft.

### Control

- Mechanical or electronic relays available (installed on the right end only).

*Ouellet highly recommends using an electronic wall thermostat for greater comfort.*

### Installation

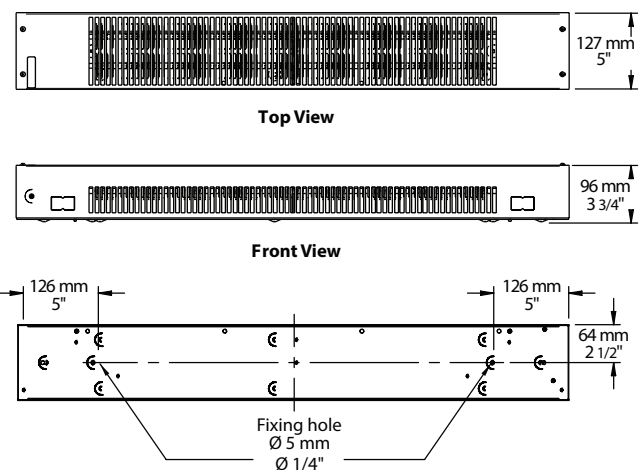
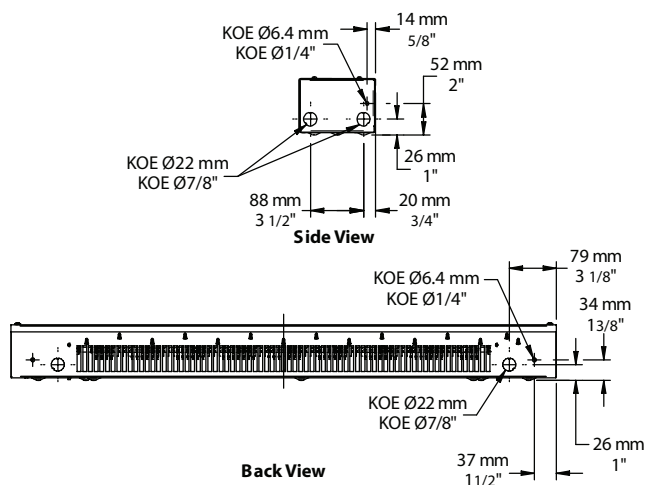
- Must be installed inside a trench under a floor with a compatible top trench grille (not supplied), which must cover the entire length of the heater. Please refer to the table of Models of compatible top trench grilles.
- 2 fixing holes in the bottom of the heater.

### Warranty

- 3-year warranty against defects.
- 10-year warranty on the heating element.

### Application

- Bay window, lobby, commercial building, condos, restaurants.



## Standard Watt Density Models 250W/ft.

| Watts | 120V    | 208V    | # Product<br>277V | 347V    | 600V    | Watts<br>240/208V | # Product<br>240/208V | Price  | Length<br>in. mm | Weight<br>lb kg |
|-------|---------|---------|-------------------|---------|---------|-------------------|-----------------------|--------|------------------|-----------------|
| 750   | OTS0752 | OTS0758 | OTS0777           | -       | -       | 750/563           | OTS0750               | 389.00 | 36 915           | 8.4 3.8         |
| 1000  | -       | OTS1008 | OTS1077           | OTS1007 | OTS1006 | 1000/750          | OTS1000               | 421.00 | 48 1220          | 10.8 4.9        |
| 1250  | -       | OTS1258 | OTS1277           | OTS1257 | OTS1256 | 1250/938          | OTS1250               | 445.00 | 60 1525          | 13.2 6.0        |

## Low Watt Density Models

| # Product <sup>1</sup> | Price  | Length    | Weight   | Average<br>Density W/ft. | Watts | Watts<br>240/208V | 120V | 208V | 240/208V | 347V | 600V |
|------------------------|--------|-----------|----------|--------------------------|-------|-------------------|------|------|----------|------|------|
| OTS050X-915            | 389.00 | 36"       | 8.4 lb   | 167                      | 500   | 500/375           | ✓    | ✓    | ✓        | -    | -    |
| OTS060X-915            |        | (915 mm)  | (3.8 kg) | 200                      | 600   | 600/450           | ✓    | ✓    | ✓        | -    | -    |
| OTS066X-1220           | 421.00 | 48"       | 10.8 lb  | 167                      | 668   | 668/502           | ✓    | ✓    | ✓        | ✓    | ✓    |
| OTS080X-1220           |        | (1220 mm) | (4.9 kg) | 200                      | 800   | 800/600           | ✓    | ✓    | ✓        | ✓    | ✓    |
| OTS083X-1525           | 445.00 | 60"       | 13.2 lb  | 167                      | 835   | 835/627           | ✓    | ✓    | ✓        | ✓    | ✓    |
| OTS100X-1525           |        | (1525 mm) | (6 kg)   | 200                      | 1000  | 1000/750          | -    | ✓    | ✓        | ✓    | ✓    |

<sup>1</sup> X = 2 (120V), 8 (208V), 0 (240/208V), 7 (347V), 6 (600V).

✓ = Available.

Add «NL» for semi-gloss black. Upcharge applicable for optional colors shown in the color chart section.  
Other voltages available upon request.

## Options

| # Product<br>Kit                | # Product<br>Factory installed* | Price  | Description                                                                                           |
|---------------------------------|---------------------------------|--------|-------------------------------------------------------------------------------------------------------|
| KIT-OTS-DIS20                   | DIS20                           | 153.00 | Disconnect switch, 20A at 277V max.                                                                   |
| KIT-OTS-DIS40                   | -                               | 188.00 | Disconnect switch, 40A at 600V max. 120 mm height                                                     |
| KIT-OTS-R-347 <sup>1</sup>      | R <sup>1</sup>                  | 239.00 | Single-pole relay, coil 24V, without transformer: 22A at 120V, 208V, 240V - 19A at 277V - 18A at 347V |
| KIT-OTS-R-600 <sup>1</sup>      | R <sup>1</sup>                  | 239.00 | Single-pole relay, coil 24V, without transformer: 10A at 480V, 600V                                   |
| KIT-OTS-RT-208 <sup>1</sup>     | RT <sup>1</sup>                 | 252.00 | Single-pole relay, coil 24V, with transformer 208V/24V, 22A at 208V                                   |
| KIT-OTS-RT-240 <sup>1</sup>     | RT <sup>1</sup>                 | 252.00 | Single-pole relay, coil 24V, with transformer 240V/24V, 22A at 240V                                   |
| KIT-OTS-RT-277 <sup>1</sup>     | RT <sup>1</sup>                 | 252.00 | Single-pole relay, coil 24V, with transformer 277V/24V, 19A at 277V                                   |
| KIT-OTS-RT-347 <sup>1</sup>     | RT <sup>1</sup>                 | 252.00 | Single-pole relay, coil 24V, with transformer 347V/24V, 18A at 347V                                   |
| KIT-OTS-TRIAC-347 <sup>1</sup>  | TRIAC <sup>1</sup>              | 96.00  | Single-pole electronic relay, coil 24V, without transformer: 10A max. at 347V max.                    |
| KIT-OTS-TRIAC-347T <sup>1</sup> | TRIAC <sup>1</sup>              | 139.00 | Single-pole electronic relay, coil 24V, with transformer: 10A max. at 347V max.                       |
| KIT-OTS-TRIAC-600 <sup>1</sup>  | TRIAC <sup>1</sup>              | 186.00 | Single-pole electronic relay, coil 24V, without transformer: 6A at 600V max.                          |

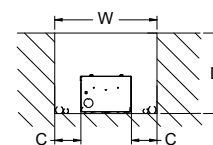
\* For factory installed options, add the option number to the product number. See the **Product Code** section inside the front cover.

<sup>1</sup> Options installed at right end only.

## Models of compatible top trench grilles

|                                             |              | Trench dimension - Figure 1                                                                              |          |          |                                                                                         |          |          |
|---------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------|----------|----------|-----------------------------------------------------------------------------------------|----------|----------|
|                                             |              | W: 10 in. (254 mm) minimum<br>D: 6 in. to 7 15/16 in. (153 mm to 202 mm)<br>C: 2 1/2 in. (64 mm) minimum |          |          | W: 10 in. (254 mm) minimum<br>D: 8 in. (204 mm) minimum<br>C: 2 1/2 in. (64 mm) minimum |          |          |
|                                             |              | Power per linear foot                                                                                    |          |          | Power per linear foot                                                                   |          |          |
| Manufacturer                                | Grille Model | 167W/ft.                                                                                                 | 200W/ft. | 250W/ft. | 167W/ft.                                                                                | 200W/ft. | 250W/ft. |
| Nailor Industries<br>www.nailor.com         | 49-240       | ✓                                                                                                        | -        | -        | ✓                                                                                       | ✓        | -        |
|                                             | 49-241       | ✓                                                                                                        | -        | -        | ✓                                                                                       | ✓        | -        |
|                                             | 49-243       | ✓                                                                                                        | -        | -        | ✓                                                                                       | ✓        | -        |
|                                             | 49-280       | ✓                                                                                                        | ✓        | -        | ✓                                                                                       | ✓        | ✓        |
|                                             | 49-281       | ✓                                                                                                        | ✓        | -        | ✓                                                                                       | ✓        | ✓        |
| Price Industries<br>www.priceindustries.com | LBP/LBPH 15B | ✓                                                                                                        | ✓        | -        | ✓                                                                                       | ✓        | ✓        |
|                                             | LBP/LBPH 16B | ✓                                                                                                        | ✓        | -        | ✓                                                                                       | ✓        | ✓        |
|                                             | LBP/LBPH 25C | -                                                                                                        | -        | -        | ✓                                                                                       | -        | -        |

Figure 1



NOTE: Vanes or deflectors options with grille are prohibited.