



## Thermoglaze TG-25 Frozen Donut System

Belshaw's Thermoglaze system provides the method for thawing, heating and glazing pre-fried, frozen donuts and baked goods that bakers have been looking for.

The Thermoglaze system successfully addresses a common complaint with frozen donuts — stale taste and poor shelf-life after thawing. Frozen donuts that are reconstituted using the Thermoglaze system have greater moisture content and longer shelf-life than those thawed in air. In fact, donuts produced on the Thermoglaze system often surpass the quality of fresh made donuts.

The Thermoglaze TG-25 system consists of two components — the Thermolizer, for thawing frozen baked goods, and the Thermoglaze, for heating and glazing. Donuts (or other baked goods) can be held in the Thermolizer for up to five hours, allowing your bakery to supply hot, fresh-tasting donuts to your customers with little wait — or fuss.

The Thermoglaze system does not require a ventilation hood, does not utilize shortening, and improves glaze yield — reducing both set-up costs and operating costs.

TG-25 operates using ½ size 12.5" x 17" (32 x 43 cm) glazing screens, Belshaw Part No. TJ-0001. 36 - 72 screens are recommended.

Capacity of the TG-25 is 288 donuts/hour at 20 minute thawing time.



**Above:**  
Thermoglaze TG-25. The TG-25's standard 8-shelf Thermolizer is shown with door open at right. Storage for finished donuts is at left.

### TG-25's integrated Thermolizer

The TG-25's Thermolizer is an 8-shelf integrated proofing and cabinet used for thawing and holding donuts up to 5 hours without losing moisture. Donuts thawed in the Thermolizer can be warmed, glazed and served in less than 5 minutes. On the opposite side to the Thermolizer, additional 8-shelf storage (usable either for donuts, or just screens) is provided.

### Certification



ETL certified to UL-197, CSA C22.2 and NSF-4. Applies to TG-25 with integrated thermolizer.



TG-25 top view



TG-25 (opposite side view)



TG-25 glazer in operation

**Thermoglaze TG-25 Standard Features**

- All stainless steel construction
- Capacity 288 donuts/hour at minimum thaw time of 20 minutes
- No ventilation hood or fire suppression system required. (Verify with local authorities)
- Heavy duty glaze pump
- Adjustable speed and temperature
- Quiet operation
- Glaze pump can be switched on/off as required
- Easy to clean oven interior
- Mobile on 4" (25mm) casters
- 8 shelves of storage space below for glaze, screens, etc
- Lock-out feature to prevent machine starting while cleaning is in progress
- ETL Certified, conforms to UL-197, CSA C22.2, and NSF-4

**Integrated Thermolizer features**

- 8 shelves. At 12 donuts per screen, the thermolizer holds 96 donuts at a time
- Capacity at thaw time of 20 min: 24 Doz donuts /hour
- Thermostat controlled dry heater for ambient warmth
- Thermostat controlled water element to produce steam
- Blower system for recirculating warm humid air

- 2 clear plexiglass doors
- Powered from central control box on TG-25

**Accessories**

- TG-25 uses 1/2-size glazing screens 12.5" x 17" (32 x 43 cm), Part #TJ-0001. At least 36 screens recommended, up to 72 or more for full capacity usage

**TG-25 Dimensions**

- Overall width: 60" (153 cm)
- Overall depth: 31" (79 cm)
- Overall height: 52" (132 cm)
- Shipping weight: 475 lbs (216 kg)

**TG-25 Electrical data**

- Voltage 208/60/1 32A  
220-240/60/1 30A
- Power: 6.7 KW
- Plug: NEMA #6-50p
- Cord: 72" (1.8m)

**Optional features**

- Autowater connection

**\*PATENTS PENDING**

**Model Selection**

| Item Nbr.                        | Description Key   | Volt/Hz/Phase | Watts, Amps   | Options                        |
|----------------------------------|---|---------------|---------------|--------------------------------|
| 22267                            | TG25-B-208,60,1-D-MF  | 208,60,1      | 28A, 6KW      | USA & Americas model, 208V     |
| 22268                            | TG25-B-208,60,1-D-AW  | 208,60,1      | 28A, 6KW      | As 22265, with Autowater       |
| 22276                            | TG25-B-220/240,60,1-D-MF  | 208,60,1      | 28A, 6.7KW    | USA & Americas model, 220/240V |
| 22277                            | TG25-B-220/240,60,1-D-AW  | 208,60,1      | 28A, 6.7KW    | As 22276 with Autowater        |
| 22282                            | TG25-B-380/415,50,3N-C-MF   | 220/240,60,1  | 23A, 15.1KW   | CE approved model, 415V        |
| 22283                            | TG25-B-380/415,50,3N-C-AW   | 220/240,60,1  | 23A, 15.1KW   | As 22282, with Autowater       |
| 22257                            | TG25-B-415,50,3N-E-AW   | 220/240,60,1  | 18.4A, 13.2KW | Aus/NZ model                   |
| 22180                            | TG25-B-220/240,50/60,1-B-MF   | 220/240,60,1  | 28A, 6.7KW    | Export model                   |
| 22333                            | TG25-B-220/240,50/60,1-C-MF   | 220/240,60,1  | 28A, 6.7KW    | CE approved model, 220/240V    |
| 22334                            | TG25-B-220/240,50/60,1-C-AW   | 220/240,60,1  | 28A, 6.7KW    | As 22333, with Autowater       |
| <b>DESCRIPTION KEY EXPLAINER</b> | <b>B (first instance)=Configuration shown in drawing below D=Domestic B=Export E=Aus-NZ AW=Autowater MF=Manual water fill</b> |               |               |                                |

