

REFRIGERATOR MANUFACTURER
Turbo air
 more durable, efficient, beautiful

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Project:	
Model #:	
Item #:	
Available W/H:	Qty:
Approval:	
AIA #:	SIS #:
CSI Section 11400	

Straight Front Freezer Display Cases

Display Cases
 European Straight Front Cases

Patented Self-Cleaning Condenser



This product is equipped with a fine mesh filter to the front of the condenser to catch dust, and a rotating brush that moves up and down daily to remove excess buildup outward and away.

Model : TCGBF-50S-N



FEATURES & BENEFITS

Self-Cleaning Condenser

The accumulation of dust in the condenser can cause the failure or breakdown of refrigerators. Refrigerators run normally until they reach a certain level of accumulation. At some point, when they are over the limit, their performance drops quickly resulting in damage to, or disposal of the stored products inside. The Self-Cleaning Condenser device keeps the condenser clean and prevents system failure by automatically brushing daily.

Hydrocarbon refrigerants (R-290)

With innovative and eco-friendly technology, Turbo Air brings you hydrocarbon refrigerators designed to meet DOE's Energy Conservation Standards in 2017 and to use EPA's SNAP Program approved HC refrigerants. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to global warming (ODP-0, GWP-3).

Attractive, elegant, glass sided Euro design

Straight tempered front glass and minimal frame provide full product visibility to optimize display effects. Its elegant contemporary euro design will not only enhance any store atmosphere but also will keep product presentation at its best and most beautiful.

LED interior lighting under each shelf

High-density polyurethane insulation

The entire cabinet structure is foamed-in-place using high density, CFC free polyurethane insulation.

Low-E coated triple pane glass is tempered for safety

Adjustable, tempered glass shelves with stainless steel front and back edges

Stainless steel exterior, floor, and airflow grille

Swing rear doors & self closing for product loading & unloading

Rear access to compressor compartment for quick and easy service

Freezer holds -15°F for ice cream preservation.

NATURAL Refrigerant




Model	CU./FT.	# of Shelves	HP	AMPS	Crated Weight (lbs.)	L x D x H* (inches)
TCGBF-50S-N	16.88	2	1HP x 2	13	788	49 ⁵ / ₈ x 33 ¹ / ₂ x 52 ¹ / ₄

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Model : TCGBF-50S-N

ELECTRICAL DATA	
Voltage	220/60/1
Plug Type	 NEMA 6-20P
Full Load Amperes	13
Compressor HP	1HP x 2
Cord Length (ft.)	97/8
Refrigerant	R-290
DIMENSIONAL DATA	
Net Capacity (cu. ft.)	16.88
Ext. Length Overall (in.)	49 5/8 (1260mm)
Ext. Depth Overall (in.)	33 1/2 (850mm)
Ext. Height Overall (in.)*	52 1/4 (1328mm)
Int. Length Overall (in.)	45 3/4 (1162mm)
Int. Depth Overall (in.)	22 3/4 (579mm)
Int. Height Overall (in.)	23 1/8 (587mm)
Shelf Size (L x D) (in.)	43 1/4 x 13
# of Shelves	2
Net Weight (lbs.)	683
Gross Weight (lbs.)	788

Design and specifications subject to change without notice.

Actual shipping weight may differ due to extra packing materials for product protection.

* Height does not include 5/8" for bolt height.

■ **WARRANTY :** 2 Year Parts and Labor Warranty
Additional 3 Year Warranty on Compressor

■ **STANDARD FEATURES**

- Self-contained system, no plumbing required
- Solar powered digital thermometer
- Digital electronic thermostat with defrost control
- Bolt height adjustable up to 2 3/4"

** Lead time applies. Please contact your sales representative for more details to order.

■ **Recommended operating conditions**

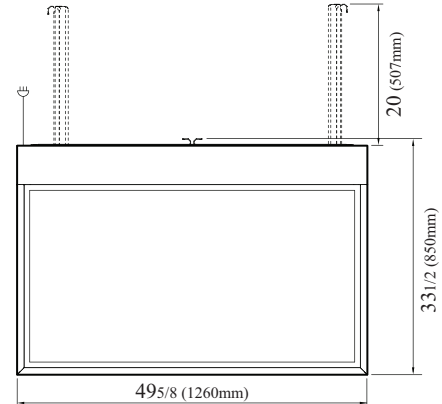
TCGBF models are designed to operate in an environment where temperature & humidity do not exceed 80°F and 55% respectively. Units should not be installed near HVAC vents, fans or doorways that will disrupt the air curtain and compromise the function of the cabinet. Air curtain models will run most efficiently when completely loaded with product.

■ **OPTIONAL ACCESSORIES**

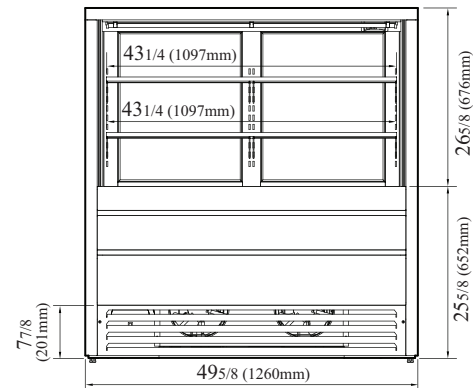
- 4" caster, 1/2" diameter & 13 TPI: 30265L0400 (non-brake), 30265L0300 (w/ brake)
- 6" leveling seismic leg (1/2", 13 TPI): 30221M0700

PLAN VIEW

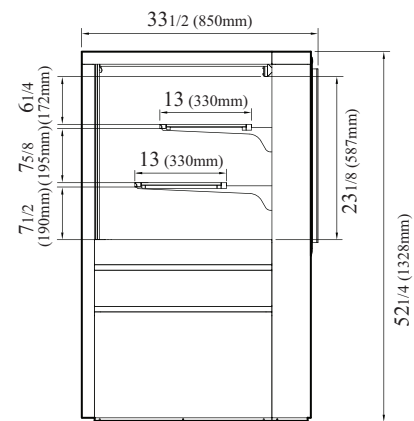
(unit : inch)



TOP VIEW



FRONT VIEW



SIDE VIEW

Ver.20240531



- Turbo Air: 800-627-0032
- Radiance: 800-500-3519
- Warranty: 800-381-7770
- AC: 888-900-1002



Continued product development may necessitate specification changes without notice.