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	

Swing Door Freezers

Glass Door Merchandisers
Super Deluxe Series

Model : TGF-47SD*-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.

Digital temperature control & monitor system
- Keeps food products safe by maintaining constant temperatures.
- Alarms that sound when doors are not sealed shut; protect against food spoilage that originates from cold air leaks.
- Early Warning Alarm program detects issues before malfunction occurs.
- Digital display allows for easy monitoring.
- Programs interpret the condition of refrigeration systems by self-diagnosis.
- Rapid cool-down function (Turbo Freeze)
- Smart defrost system will defrost as needed.
- Automatic evaporator fan motor delays.

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).

Energy conserving fan control
Utilizing algorithmic air circulation for optimal temperature levels, our innovative fan control system conserves energy by at least 15% and increases compressor life by up to 30%.

No electrical cabinet heater is needed
Turbo Air is the first in the industry to replace a frame heater with a method of using compressor-produced heat. This eliminates any unnecessary energy consumption while providing efficient freezing performance.

Shadow free advertising panel
Turbo Air is a pioneer in the refrigerator industry on applying special LED Light Guided Panels (LGP). LGP increases panel visibility and eliminates shadows, enhancing any store atmosphere with eye-catching effects. LED lighting offers 5 times longer lasting life than fluorescents and conserves energy as well.

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

Triple pane heated glass doors
Equipped with unique triple-pane heated glass doors which enhance energy efficiency by preventing heat transfers and minimizing condensation. Lightweight door construction reduces door maintenance, bushing wear, and facilitates smooth door opening.

LED interior lighting



TGF-47SDB-N



TGF-47SDW-N

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.

Freezer holds -10°F ~ 5°F for the best in frozen food preservation

2 & 3 Glass Door Freezers powered by 115V
Turbo Air's 2 & 3 Glass Door Freezers are powered by 115V. Not only is the 115V simple and easy to plug in and operate, it also saves customers over $1,000 in electrical line installation for 220V powered glass door freezers. This feature is proof of our dedication to energy efficiency and the environment.

NATURAL Refrigerant · SPEC ISO 9001:2008 · Intertek · Intertek · 5 YEAR WARRANTY · Compressor 7 YEAR WARRANTY (U.S.A only) · ENERGY STAR® Qualified

Model	Swing Door	CU./FT.	#of Shelves	HP	AMPS	Crated Weight (lbs.)	L x D* x H† (inches)
TGF-47SD*-N	2	39	8	3/4	10.4	590	51 1/8 x 31 7/8 x 77

Ver.20240923 Printed in U.S.A.

* Depth does not include 2-1/4" (57mm) for door handle. † Height does not include 2-1/2" (63mm) for leg height. ‡White cabinet(W), Black cabinet(B).

Swing Door Freezers

Glass Door Merchandisers
Super Deluxe Series

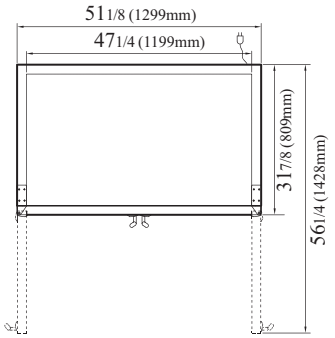
Model : TGF-47SD*-N

ELECTRICAL DATA	
Voltage	115/60/1
Plug Type	NEMA 5-20P
Full Load Amperes / LRA	10.4 / 49
Compressor HP	3/4
Cord Length (ft.)	7
Refrigerant	R-290
DIMENSIONAL DATA	
# of Doors	2
Net Capacity (cu. ft.)	39
Ext. Length Overall (in.)	51 1/8 (1299mm)
Ext. Depth Overall (in.)*	31 7/8 (809mm)
Ext. Height Overall (in.)†	77 (1956mm)
Int. Length Overall (in.)	47 1/4 (1199mm)
Int. Depth Overall (in.)	27 1/2 (699mm)
Int. Height Overall (in.)	60 3/8 (1535mm)
# of Shelves	8
Shelf Size (L x D) (in.)	22 1/2 x 23
Net Weight (lbs.)	513
Gross Weight (lbs.)	590

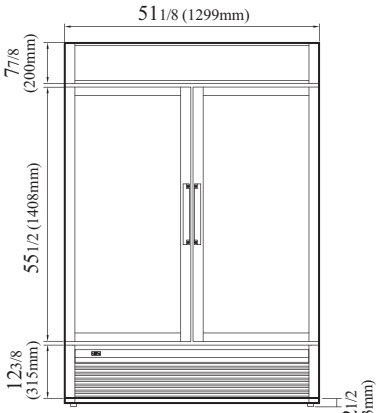
Design and specifications subject to change without notice.
Actual shipping weight may differ due to extra packing materials for product protection.
* Depth does not include 2-1/4" (57mm) for door handle.
† Height does not include 2-1/2" (63mm) for leg height.

PLAN VIEW

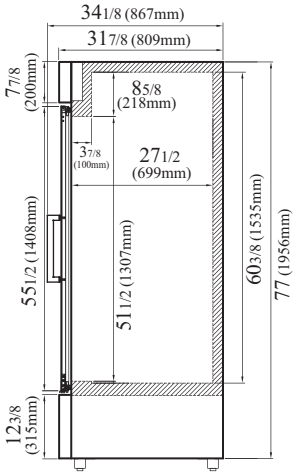
(unit : inch)



TOP VIEW



FRONT VIEW



SIDE VIEW

■ WARRANTY : 5 Year Parts and Labor Warranty / 7 Year Compressor Warranty

■ STANDARD FEATURES

- ***Anti-corrosion coated evaporator***
- ***Door locks standard***
- ⁂ ***Two color options available (standard):*** Super Deluxe series comes in white cabinet (W), black cabinet with black color trim (B).

■ OPTIONAL ACCESSORIES

- 4" caster, ½" diameter & 13 TPI: 30265L0400 (non-brake), 30265L0300 (w/ brake)
- Additional PE coated wire shelf: P0178Q0100(Left), P0178Q0110(Right)
- Price tag channel: P0122K5400 (21-1/2"L)
- Sign panel (blank): P0145A1020

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

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Continued product development may necessitate specification changes without notice.