

# DUAL TEMPERATURE REFRIGERATOR/ FREEZER COMBOS WITH AUTO DEFROST FREEZER

## Series Overview

The dual temperature refrigerator/ freezer combination features separate microprocessor temperature controller which allows for precise temperature control, verification and recovery. An interior fan, forced-draft air circulation system is used and provides temperature uniformity when the door is opened for the refrigerator part. All units require a 4" clearance around the back and sides of the unit for ventilation. Auto defrost have an electric heater installed on the evaporator that will assist in frost and ice removal, but may raise temperatures in unit. \*Unit requires two outlets.

## DTRF-12A

Two exterior solid swing doors chamber designed for maximum capacity while still allowing passage through most commercial doorways.

## Performance

Unit comes standard with a temperature range for the refrigerator: 1°C to 10°C and freezer temperature range: -15°C to -25°C. Auto defrost cycle every 6 hours, max air temp in empty freezer: +4.34 °C; max air temp in loaded freezer: -2.89 °C. Max sample temp in empty freezer: -4.76 °C; max sample temp in loaded freezer: -9.58 °C. Products designed to operate in ambient room temperatures not to exceed 75° F / 50% RH.

## Control System

All series models come standard with a digital microprocessor temperature controller providing a readout of actual and set-point values. This chamber comes with audible/visual alarms, high and low temperature alarms with remote alarm contacts.

## Warranties

These chambers come with a two year parts and labor warranty, plus an additional three year compressor parts warranty.



The Dual Temperature Refrigerator/ Freezer Combos take a large step forward in performance from past general purpose units; offering a digital temperature display and alarm module coupled with a microprocessor temperature controller.

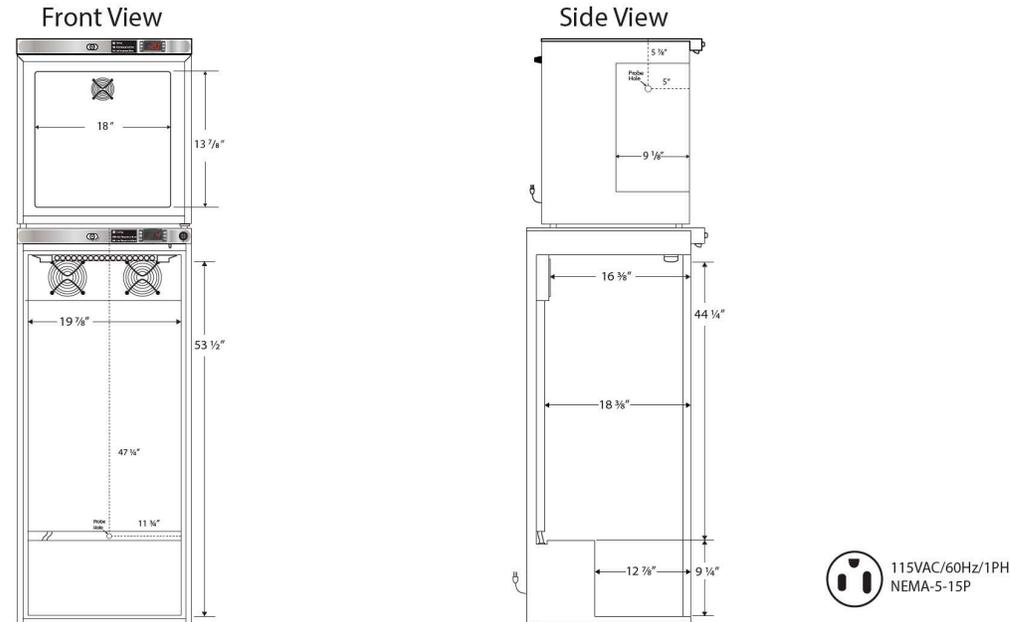


## Construction

Refrigerator/freezer combo is constructed of white powder coated exterior.

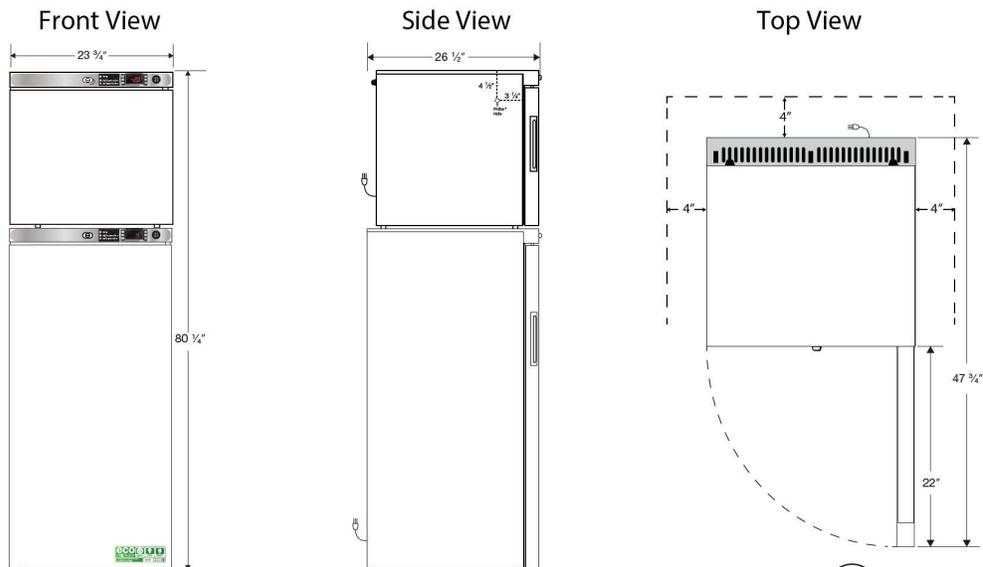
- 6 adjustable shelves (refrigerator)/ 2 adjustable shelves (freezer) with guard rail on back to prevent product from being pushed against back wall
- Two solid swing doors, right hinged, not reversible
- Magnetic door gasket for positive seal with keyed door lock and integrated door handles
- Leveling legs
- Bottom footed shelf to allow air circulation, Refrigerator and Freezer
- Stacking kit
- Probe access port (3/8"), one in refrigerator and one in freezer
- HFC-free refrigerant (R600a), foam insulation and packaging
- Exterior dimensions: 23.75" W x 26.5"D x 80.25"H
- Shipping weight: 289 lbs
- Voltage: 115 / 60 / 2.3 Amps refrigerator, 1 Amps freezer, 1/3 HP refrigerator, 1/8 HP freezer
- UL/C-UL listed

## Dual Temperature Refrigerator/ Freezer Combos With Auto Defrost Freezer Technical Drawings



Compartment	Cu. Ft	Defrost	Door	Int Door	Shelves	Interior Dim.			Refrigerant	H.P.	Amps	Weight
						W"	D"	H"				
Freezer	1.3	Auto Cycle	1 Solid	0	2 Adj.	18	9 1/8	13 7/8	R600a	1/8	1	219 lbs.
Refrigerator	10.5	Auto Cycle	1 Solid	0	6 Adj.	19 7/8	18 3/8	53 1/2		1/3	2.3	

Note: Interior dimensions are estimates and subject to change without notice



**NOTE: Ventilation Requirements – Minimum 4" clearance on sides and back**

115VAC/60Hz/1PH  
NEMA-5-15P

Compartment	Cu. Ft	Defrost	Door	Int Door	Shelves	W"	D"	H"	Refrigerant	H.P.	Amps	Weight
Refrigerator	10.5	Auto Cycle	1 Solid	0	6 Adj.					1/3	2.3	