Infrico
Supermarket

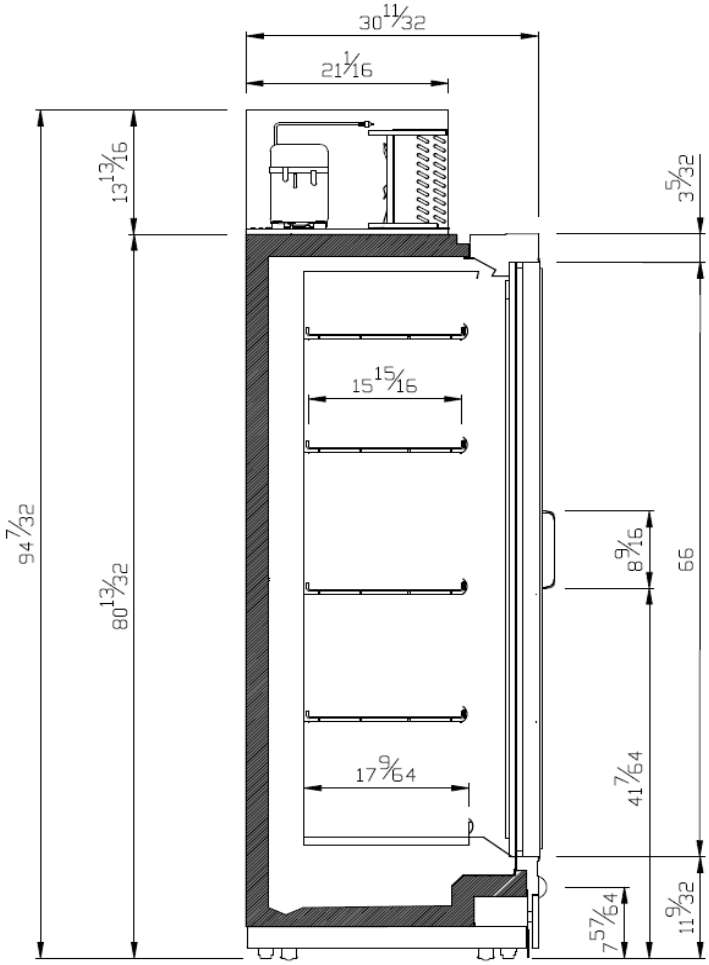
Data Sheet

USA

Model:

MN PBTU SERIES

VERTICAL FREEZER


30 11/32
21 1/16
13 13/16
3 5/32
15 15/16
94 7/32
80 13/32
8 9/16
66
17 9/64
41 7/64
7 57/64
11 9/32

ESTANDAR FEATURES

EXTERIOR

- Full size double panel glass doors that prevent heat transmission
- Epoxy painted steel sheet
- Adjustable feet.
- Enamelled steel base.
- Modulaire line design.

ELECTRICAL AND ELECTRONIC CONTROLLERS

- Remote alarm signals.
- Encapsulated and sealed NTC temperature probes.
- Effective way to visualize temperature and monitor all processes through A digital screen.
- Cord and NEMA 6-20P plug. Electrical connections is 220V/ 1ph/ 60 Hz

INTERIOR

- AISI 304 Stainless Steel.
- Stainless Steel internal panel perforated.
- Height and incline adjustable stainlees steel shelves
- Price channel on shelves and bottom display
- LED lighting in canopy and under each shelf.

INSULATION

- CFC-Free polyurethane insulation, entire cabinet structure is foamed-in place using a high density polyurethane insulation.
- Low GWP & Zero ODP effect.

REGRIGERATION

- Digital temperature controller with automatic defrost system.
- Forced air evaporator.
- Forced air circulation to desipate hot air.

RECOMMENDED OPERATING CONDITIONS

- Equipment has been designed to operate in an environment where temperature and humidity do not exceed 75°F (24°C) and 55% relative humidity.
- Unit should not be installed near HVAC vents, fans or doorways that will disrupt the air curtain and compromise the function of the cabinet.
- Unit should not be installed in direct sunlight.
- Model will run most efficiently when completely loaded with pre-chilled product.
- Condensing coils should be cleaned regularly to avoid equipment malfunction.
- Please be advised that this type of models are louder than standad refrigeration models.
- Unit cannot be encased in a way that woild block appropriate airflow and cause the recycling of hot air.
- A mimumum distance of 4-5 inches is required at the back and top of the unit, do nos flush the back of equipment directly to wall.
- Do not block any vents with product or any other item.
- Equipment must be loaded with pre-cooler product.
- Do not overload the shelves and/or block in a way that would prevent proper airflow.
- Maintain the acrylic ain diffuser at all times.

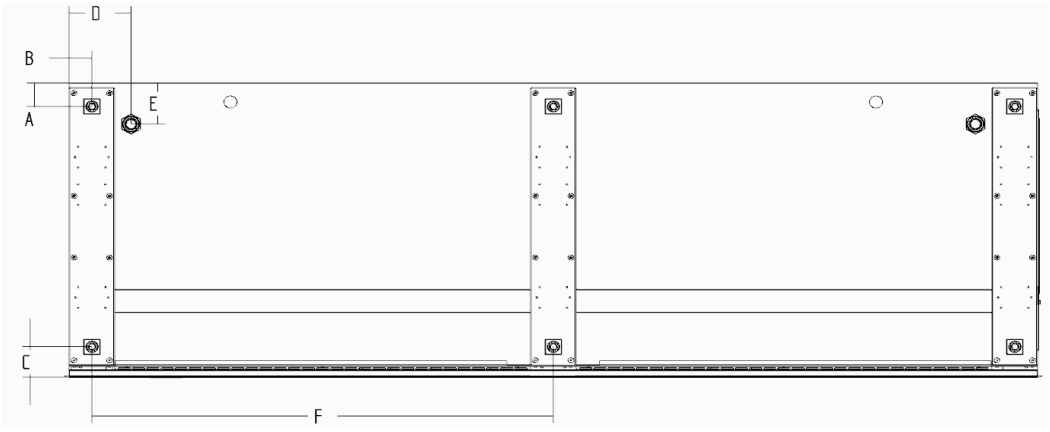
GENERAL DATA

	MODEL	
	MN2PBTUL1+	MN3PBTUL1+
LENGTH (in)	61 1/2	92 1/4
SIDE PANEL THICKNESS (in)	2 1/3	
N° DOORS	2	3
CONTROL	DIGITAL	
REFRIGERATED AREA (Ft^2)	34	51
TOTAL VOLUME (Ft^3)	22 8/9	34 1/3
TDA - AREA TOTAL DISPLAY (ft^2)	20	30
N° OF SHELVES	4	
UNIT WEIGHT (Lbs)	870 5/6	963 3/7
CREATED DIMENSIONS (in)	68 1/9 x 34 2/3 x 103 3/4	98 5/6 x 34 2/3 x 103 3/4

INSTALLATION DETAILS

DATA TABLE	MODEL	MN2PBTUL1+	MN3PBTUL1+
	A (in)	2 4/9	2 4/9
	B (in)	2 1/5	2 1/5
	C (in)	3 1/7	3 1/7
	D (in)	6	6
	E (in)	4 1/4	4 1/4
	F (in)	28 4/7	28 4/7

FOOT | WHEELS POSITION



TECHNICAL CONFIGURATION

		MEDIUM TEMPERATURE [0°F/5°F]
INTERIOR TEMPERATURE	SET POINT	-9,4°F
	DIFFERENTIAL	3
DEFROST TYPE		GAS
N° DEFROSTS / 24h		4
END OF DEFROSTING TEMPERATURE		46,4
MAXIMUM DEFROSTING TIME		40'

In compliance with UL471 and NSF7

Ambient Temp.	Humidity
+75 °F	55 %

EVAPORATION	VENTILATED
CONDENSATION	VENTILATED
EVAPORATION WATER COLLECTION	AUXILIAR

VOLTAGE	220V / 60 Hz
SOUND LEVEL	≤70 dB

INSTALLATION DATA

BASE EQUIPMENT			MODEL		
			MN2PBTUL1+	MN3PBTUL1+	
Length (in)			61 1/2	92 1/4	
COMPRESSOR		N°	2	3	
		V/Hz	220V / 60Hz		
		Btu/h	2439	2439	
		W	715	715	
		hp	1	1	
		A	3,3	3,3	
REFRIGERANT		Type	R-290		
		lb	0,37+0,37	0,37+0,37+0,37	
COIL FANS		N°	4	5	
		V/Hz	220V / 60Hz		
		W	4,1	4,1	
		A	0,02	0,02	
CONDESATOR FANS		N°	4	6	
		V/Hz	220V / 60Hz		
		W	25	25	
		A	0,11	0,11	
FRAME RESISTANCE		V/Hz	220V / 60Hz		
		W	222	323	
		A	0,97	1,41	
DOOR RESISTANCE		W	216	324	
		A	0,94	1,41	
DRAIN RESISTANCE		W	180	180	
		A	0,82	0,82	
CANOPY LIGHTING LED		W	63	84	
		A	0,34	0,45	
TOTAL	220V	W	2228	3227	
		A	7,40	10,98	
MCA		A	9,3	13,7	
MOP		A	15,0	25,0	
TOTAL ENERGY		kWh/24h	38,98	55,84	