

ISSUE DATE: SEPTEMBER 2019

# MX3LN - STRATUS

## MULTI-DECK SPECIFICATION SHEET



**KYSOR WARREN**  
epta refrigeration

General Case Data	Case Length (ft)			
	4'	6'	8'	12'
Total Display Area (ft <sup>2</sup> )	11.53	17.31	23.06	34.62
Cubic Capacity (ft <sup>3</sup> )	19.24	38.82	38.44	57.64
Max Shelf Depth (in) [Top/Bottom]	14/22	14/22	14/22	14/22
Weight (lb)	-	-	-	-
Thermal Load (General)				
Discharge Air Velocity (fpm)	200	200	200	200
Fan Speed (rpm)	1200	1200	1200	1200
Discharge Air Temp (°F)	31	31	31	31
Conventional Thermal Load, Single (Btuh) one row of canopy LED	3760	5640	7520	11280
Parallel Thermal Load, Single (Btuh) one row of canopy LED	3482	5223	6964	10446
Additional Btuh per ft LED - Canopy / Shelf & Nose	13 / 11	13 / 11	13 / 11	13 / 11
Thermal Load (HFC)				
Evaporator Temperature (°F)	26	26	26	26
Superheat Setpoint (°F)	6 - 8	6 - 8	6 - 8	6 - 8
Estimated Refrigerant Charge (lbs)	1.241	1.846	2.579	3.925
Thermal Load (Glycol)				
Supply Temperature (°F)	20	20	20	20
Flow (GPM)	0.969	1.453	1.938	2.906
Fluid %	35	35	35	35
Pressure Drop (PSID)	1.6	3.5	1.6	3.5
Electrical Data (Amps/Watts)				
115V/60Hz, 1 Phase				
Fans	0.12	0.24	0.24	0.36
Canopy Lights (Per row)				
GE LED	0.22	0.33	0.44	0.67
Shelf Lights (Per row)				
GE LED	0.08	0.10	0.15	0.23

Defrost Data (off Cycle)			
Defrosts per Day	Failsafe Duration (min) <sup>1</sup>	Termination Temp (°F)	Drip Time (min)
6	18	50	2

<sup>1</sup> At ASHRAE conditions. For conditions above 75°F, 55% RH, increase defrost time by 15 min. Type I refrigerator, intended for use in an area where the environmental conditions are controlled and maintained that conditions do not exceed 75°F and 55% relative humidity. Kysor Warren, whose policy is one of continuous improvement, reserves the right to change at any time specifications, designs, or prices without incurring obligation. DOE 2017 Compliant

### APPLICATIONS



The above case model has case lengths that are UL and NSF approved.

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Technical drawing of a rectangular box with dimensions and labels. The drawing includes a side view and a top view. The side view shows a box with a height of 53 and a width of 21. The top view shows a box with a length of 42 and a width of 21. The drawing includes various labels and dimensions: 3, 14, 22, 32, 34, 32 3/4, 16 1/4, 12, 16 1/2, 20, 6, 29, 35, 42, 42 3/4, and MINIMUM AIR SPACE.

Technical drawing of a refrigerator skid unit showing dimensions and labels. The drawing includes the following elements:

- Dimensions:**
  - Overall width: 96-1/4 (144-1/2)
  - Overall height: 43
  - Skid rail height: 35
  - Minimum air space: 3
  - Electrical access height: 29
  - Refrigeration piping access height: 29
  - Stub up area height: 29
  - Model 24 (36) height: 4' (6')
  - Model 48-1/8 (72-1/4) height: 8' (12')
  - Standard kickplate location (Platinum) height: 39-1/2
  - Standard kickplate location (Modern, Classic) height: 42
  - Optional kickplate location (Platinum) height: 43
- Labels:**
  - ELECTRICAL ACCESS
  - REFRIGERATION PIPING ACCESS
  - MINIMUM AIR SPACE
  - SKID RAIL
  - 4' (6') MODEL 24 (36)
  - 8' (12') MODEL 48-1/8 (72-1/4)
  - STUB UP AREA
  - FRONT OF CASE
  - STANDARD KICKPLATE LOCATION (PLATINUM)
  - STANDARD KICK PLATE LOCATION (MODERN, CLASSIC)
  - OPTIONAL KICK PLATE LOCATION (PLATINUM)
  - DRAIN CONNECTION (P-TRAP LEFT OR RIGHT)

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