

ISSUE DATE: SEPTEMBER 2019

MX3LP - STRATUS

MULTI-DECK SPECIFICATION SHEET



KYSOR WARREN
epta refrigeration

General Case Data	Case Length (ft)			
	4'	6'	8'	12'
Total Display Area (ft ²)	12.03	18.06	24.06	36.13
Cubic Capacity (ft ³)	19.99	29.93	39.93	59.87
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	3612	5418	7224	10836
Parallel Thermal Load, Single (Btuh) one row of canopy LED	3345	5018	6690	10035
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)	QTE	QTE	QTE	QTE
Fluid %	35	35	35	35
Pressure Drop (PSID)	QTE	QTE	QTE	QTE
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) ¹	Termination Temp (°F)	Drip Time (min)
6	18	50	2

¹ 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 mechanical assembly, likely a pump or motor housing, showing a cross-section with various dimensions and labels.

Key dimensions and labels include:

- 3**: Thickness of the left vertical wall.
- 21**: Total width of the assembly.
- 53**: Total height of the assembly.
- AIR SPACE**: Label for the gap between the left wall and the internal structure.
- 16**: Length of a slanted internal component.
- 22**: Length of another slanted internal component.
- 32**: Horizontal distance from the left wall to the start of the slanted components.
- 32 3/4**: Horizontal distance from the left wall to the end of the slanted components.
- 35 3/4**: Horizontal distance from the left wall to the right edge of the main housing.
- 4**: Small horizontal gap on the right side.
- 23**: Height of the rightmost section.
- 16 1/2**: Vertical distance from the bottom to the center of the rightmost section.
- 6**: Small vertical gap at the bottom right.
- 2**: Small horizontal gap at the bottom center.
- 16 1/4**: Horizontal distance from the left wall to the center of the bottom section.
- 29**: Horizontal distance from the left wall to the center of the bottom section (repeated).
- 35**: Horizontal distance from the left wall to the right edge of the bottom section.
- 42**: Horizontal distance from the left wall to the right edge of the bottom section (repeated).
- 42 3/4**: Horizontal distance from the left wall to the right edge of the bottom section (repeated).

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
 - DRAIN CONNECTION (P-TRAP LEFT OR RIGHT)
 - FRONT OF CASE
 - STANDARD KICKPLATE LOCATION (PLATINUM)
 - STANDARD KICK PLATE LOCATION (MODERN, CLASSIC)
 - OPTIONAL KICK PLATE LOCATION (PLATINUM)



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