

ISSUE DATE: SEPTEMBER 2018

# NS39VL- LEGACY

## SERVICE SPECIFICATION SHEET



**KYSOR WARREN**  
eptarefrigeration

General Case Data	Case Length (ft)			
	4'	6'	8'	12'
Total Display Area (ft <sup>2</sup> )	13.41	20.54	26.82	40.21
Cubic Capacity (ft <sup>3</sup> )	12.48	18.69	24.93	37.38
Max Shelf Depth (in) [Top/Bottom] One Row	12" Only	12" Only	12" Only	12" Only
Weight (lb)	-	-	-	-
Refrigeration Data (General)				
Discharge Air Velocity (fpm)	Gravity	Gravity	Gravity	Gravity
Fan Speed (rpm)	NA	NA	NA	NA
Discharge Air Temp (°F)	NA	NA	NA	NA
Evaporator Temperature (°F)	15	15	15	15
Conventional Thermal Load, Single (Btuh) one row of canopy LED	1252	1878	2504	3756
Conventional Thermal Load, Single (Btuh) one row of canopy T8	1284	1926	2568	3852
Parallel Thermal Load, Single (Btuh) one row of canopy LED	1185	1777	2370	3555
Parallel Thermal Load, Single (Btuh) one row of canopy T8	1217	1926	2434	3651
Additional Btuh per ft LED - Canopy / Shelf & Nose	13 / 11	13 / 11	13 / 11	13 / 11
Additional Btuh per ft T8	19	19	19	19
Superheat Setpoint (°F)	6-8	6-8	6-8	6-8
Estimated Refrigerant Charge (lbs)E	2.419	3.948	5.52	8.621
Electrical Data (Amps/Watts)				
Lighting, one row canopy LED	0.22	0.33	0.44	0.67
Lighting, one row canopy T8	0.24	0.43	0.47	0.71

Defrost Data (off Cycle)			
Defrosts Data	Per Day	Fail Safe	Termination
Off Cycle	1	80	TIME

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 floor penetration area, showing dimensions and components. The drawing includes a table of dimensions at the top right:

48	1/4"	- 4' CASE
72	1/4"	- 6' CASE
96	3/8"	- 8' CASE
144	1/2"	- 12' CASE

The drawing shows a cross-section of a floor with a 24" FLOOR PENETRATION AREA. Key dimensions and components include:

- Overall width: 41 7/8"
- Overall height: 27 1/2"
- Case penetration, electrical (top left)
- Case penetration, refrigeration (bottom right)
- LEG LOCATIONS (center)
- DRAIN CONNECTION (W/ TRAP RIGHT/LEFT) (center)
- 24" FLOOR PENETRATION AREA (center)
- 27 KICKPLATE LOCATIONS (right)
- Dimensions: 6, 2, 20 1/16, 3, 1 1/2, 7