

ISSUE DATE: SEPTEMBER 2018

# NS39SJ1- 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> )	14.98	25.61	34.16	51.22
Max Shelf Depth (in) [Top/Bottom] One Row	8" / 12"	8" / 12"	8" / 12"	8" / 12"
Weight (lb)	-	-	-	-
Thermal Load (General)				
Discharge Air Velocity (fpm)	250	250	250	250
Fan Speed (rpm)	1550	1550	1550	1550
Discharge Air Temp (°F)	30	30	30	30
Evaporator Temperature (°F)	20	20	20	20
Conventional Thermal Load, Single (Btuh) one row of canopy LED	1172	1758	2344	3516
Conventional Thermal Load, Single (Btuh) one row of canopy T8	1204	1806	2408	3612
Parallel Thermal Load, Single (Btuh) one row of canopy LED	1136	1704	2272	3408
Parallel Thermal Load, Single (Btuh) one row of canopy T8	1168	1806	2336	3504
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	2.304	3.631	4.965	7.626
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	46	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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### NS39SJ1 CROSS VIEW

