

ISSUE DATE: SEPTEMBER 2018

# DN8LN - 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> )	21.44	32.11	42.83	64.22
Cubic Capacity (ft <sup>3</sup> )	43.78	65.56	87.45	131.13
Max Shelf Depth (in) [Top/Bottom]	18/22	18/22	18/22	18/22
Weight (lb)	-	-	-	-
<b>Refrigeration Data (General)</b>				
Discharge Air Velocity (fpm)	200-300	200-300	200-300	200-300
Fan Speed (rpm)	1900	1900	1900	1900
Discharge Air Temp (°F)	33	33	33	33
Conventional Thermal Load, Single (Btuh) one row of canopy LED	7610	11425	15220	22850
Parallel Thermal Load, Single (Btuh) one row of canopy LED	7043	10574	14086	21148
Additional Btuh per ft LED - Canopy / Shelf & Nose	13 / 11	13 / 11	13 / 11	13 / 11
<b>Refrigeration Data (HFC)</b>				
Evaporator Temperature (°F)	23	23	23	23
Superheat Setpoint (°F)	6 - 8	6 - 8	6 - 8	6 - 8
Estimated Refrigerant Charge (lbs)	2.554	3.818	5.109	7.637
<b>Refrigeration Data (Glycol)</b>				
Supply Temperature (°F)	20	20	20	20
Flow (GPM)	1.461	2.192	2.922	4.385
Fluid %	35	35	35	35
Pressure Drop (PSID)	2.0	4.5	2.0	4.5
<b>Electrical Data (Amps/Watts)</b>				
115V/60Hz, 1 Phase				
Fans	0.29	0.59	0.59	1.17
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

**APPLICATIONS**



Defrost Data (off Cycle)			
Defrosts per Day	Failsafe Duration (min) <sup>1</sup>	Termination Temp (°F)	Drip Time (min)
6	18	47	0

<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

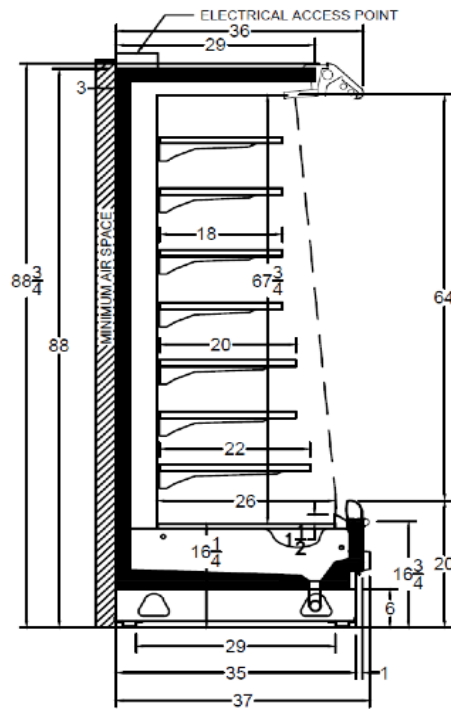


ANSI / NSF 7  
The above case model has case lengths that are UL and NSF approved.

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### DN8LN CROSS VIEW



Add 3" thickness for a pair of ends.

### DN8LN PLAN VIEW

