## **ISSUE DATE: SEPTEMBER 2019**

# **SX2XN - STRATUS**

## **MULTI-DECK SPECIFICATION SHEET**



Case Length (ft)



**APPLICATIONS** 





Cubic Capacity (ft³)       11.89       17.83       23.78       35.67         Max Shelf Depth (in) [Top/Bottom]       12/16       110       110       1100       1100       1100       1100       1100       1100       1100       1100       1100       1100       11100       1100       112/16       12/16			3 ( )		
Cubic Capacity (ft*)       11.89       17.83       23.78       35.67         Max Shelf Depth (in) [Top/Bottom]       12/16       12       10       10       110       110	General Case Data		6'		12'
Max Shelf Depth (in) [Top/Bottom]       12/16       20 </td <td>Total Display Area (ft²)</td> <td>11.47</td> <td>17.18</td> <td>22.92</td> <td>34.36</td>	Total Display Area (ft²)	11.47	17.18	22.92	34.36
Weight (lb)         - <th< td=""><td>Cubic Capacity (ft<sup>3</sup>)</td><td>11.89</td><td>17.83</td><td>23.78</td><td>35.67</td></th<>	Cubic Capacity (ft <sup>3</sup> )	11.89	17.83	23.78	35.67
Discharge Air Velocity (fpm)   200	Max Shelf Depth (in) [Top/Bottom]	12/16	12/16	12/16	12/16
Discharge Air Velocity (fpm)   200	Weight (lb)		-	-	-
Fan Speed (rpm)	Thermal Load (General)				
Discharge Air Temp (°F)   31   31   31   31   31   31   31   3	Discharge Air Velocity (fpm)	200	200	200	200
Conventional Thermal Load, Single (Btuh) one row of canopy LED 3752 5628 7504 11256 Parallel Thermal Load, Single (Btuh) one row of canopy LED 3475 5212 6949 10424 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 26 Superheat Setpoint (°F) 6 - 8 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 Supply Temperature (°F) 20 20 20 20 Flow (GPM) QTE QTE QTE QTE QTE Fluid % 35 35 35 35 Pressure Drop (PSID) QTE QTE QTE QTE QTE Electrical Data (Amps/Watts) 115V/60Hz, 1 Phase Fans 0.10 0.19 0.19 0.29 Canopy Lights (Per row)  GE LED 0.22 0.33 0.44 0.67 Shelf Lights (Per row)	Fan Speed (rpm)	1100	1100	1100	1100
Parallel Thermal Load, Single (Btuh) one row of canopy LED         3475         5212         6949         10424           Additional Btuh per ft LED - Canopy / Shelf & Nose         13 / 11         14 / 18         6         6         8         6 - 8	Discharge Air Temp (°F)	31	31	31	31
Additional Btuh per ft LED - Canopy / Shelf & Nose	Conventional Thermal Load, Single (Btuh) one row of canopy LED	3752	5628	7504	11256
Thermal Load (HFC)  Evaporator Temperature (°F)  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 20  Flow (GPM)  QTE QTE QTE QTE  Fluid %  35 35 35 35  Pressure Drop (PSID)  QTE QTE QTE QTE QTE  Electrical Data (Amps/Watts)  115V/60Hz, 1 Phase  Fans  0 . 10 0 . 19 0 . 19 0 . 29  Canopy Lights (Per row)  GE LED  0 . 22 0 . 33 0 . 44 0 . 67  Shelf Lights (Per row)	Parallel Thermal Load, Single (Btuh) one row of canopy LED		5212	6949	10424
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         QTE           Fluid %         35         35         35         35           Pressure Drop (PSID)         QTE         QTE         QTE         QTE           Electrical Data (Amps/Watts)         115V/60Hz, 1 Phase         0.10         0.19         0.19         0.29           Canopy Lights (Per row)         GE LED         0.22         0.33         0.44         0.67           Shelf Lights (Per row)	Additional Btuh per ft LED - Canopy / Shelf & Nose		13 / 11	13 / 11	13 / 11
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	Thermal Load (HFC)				
Stimated Refrigerant Charge (lbs)   1.241   1.846   2.579   3.925	Evaporator Temperature (°F)	26	26	26	26
Thermal Load (Glycol)   Supply Temperature (°F)	Superheat Setpoint (°F)	6 - 8	6 - 8	6 - 8	6 - 8
Supply Temperature (°F)         20         20         20         20           Flow (GPM)         QTE         QTE <td>Estimated Refrigerant Charge (lbs)</td> <td>1.241</td> <td>1.846</td> <td>2.579</td> <td>3.925</td>	Estimated Refrigerant Charge (lbs)	1.241	1.846	2.579	3.925
Flow (GPM)   QTE   QTE   QTE   QTE   Fluid %   35   35   35   35   35   35   35	Thermal Load (Glycol)				
Fluid % 35 35 35 35 35 Pressure Drop (PSID) QTE QTE QTE QTE QTE Electrical Data (Amps/Watts)  115V/60Hz, 1 Phase Fans 0.10 0.19 0.19 0.29 Canopy Lights (Per row)  GE LED 0.22 0.33 0.44 0.67 Shelf Lights (Per row)	Supply Temperature (°F)	20	20	20	20
Pressure Drop (PSID)         QTE	Flow (GPM)	QTE	QTE	QTE	QTE
Electrical Data (Amps/Watts)  115V/60Hz, 1 Phase  Fans	Fluid %	35	35	35	35
115V/60Hz, 1 Phase Fans 0.10 0.19 0.19 0.29 Canopy Lights (Per row)  GE LED 0.22 0.33 0.44 0.67 Shelf Lights (Per row)	Pressure Drop (PSID)		QTE	QTE	QTE
Fans 0.10 0.19 0.29  Canopy Lights (Per row)  GE LED 0.22 0.33 0.44 0.67  Shelf Lights (Per row)	Electrical Data (Amps/Watts)				
Canopy Lights (Per row)           GE LED         0.22         0.33         0.44         0.67           Shelf Lights (Per row)	115V/60Hz, 1 Phase				
GE LED 0.22 0.33 0.44 0.67 Shelf Lights (Per row)	Fans		0.19	0.19	0.29
Shelf Lights (Per row)	Canopy Lights (Per row)				
	GE LED	0.22	0.33	0.44	0.67
GE LED 0.08 0.10 0.15 0.23	Shelf Lights (Per row)				
	GE LED	0.08	0.10	0.15	0.23

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

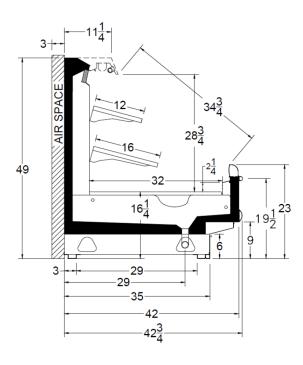
1 At ASHRAE conditions. For conditions above 75°F, 55% RH, increase defrost time by 15 min. Type I refrigerator, intended for use in an area where the environmental conditions are controlled and maintained that conditions do not exceed 75°F and 55% relative humidity. Kysor Warren, whose policy is one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





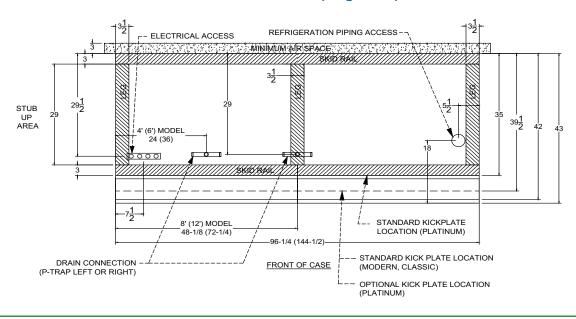
The above case model has case lengths that are UL and NSF approved.

### **SX2XN CROSS VIEW**



Add 3" thickness for a pair of ends.

## SX2XN PLAN VIEW (Single Coil)



5201 Transport Blvd Columbus, GA 31907 P: 800.866.5596 • F: 706.568.8990



