

ISSUE DATE: SEPTEMBER 2018

# DX6LN-MCU

## SINGLE DECK MERCHANDISER



**KYSOR WARREN**  
epta refrigeration

| General Case Data                                  | Case Length (ft)               |                                |                                |
|--|--------------------------------|--------------------------------|--------------------------------|
|  | 6'                             | 8'                             | 12'                            |
| Total Display Area (ft <sup>2</sup> )              | 28.10                          | 37.40                          | 56.20                          |
| Cubic Capacity (ft <sup>3</sup> )                  | 71.60                          | 96.50                          | 143.20                         |
| Max Shelf Depth (in) [Top/Bottom]                  | 22/22                          | 22/22                          | 22/22                          |
| Weight (lb)  | -                              | -                              | -                              |
| <b>Thermal Load (General)</b>                      |                                |                                |                                |
| Evaporator Temperature (°F)                        | 22                             | 22                             | 22                             |
| Discharge Air Temp (°F)                            | 35                             | 35                             | 35                             |
| Discharge Air Velocity (fpm)                       | 200-300                        | 200-300                        | 200-300                        |
| Fan Speed (rpm)                                    | 2200                           | 2200                           | 2200                           |
| Refrigerant Type                                   | R-448A                         | R-448A                         | R-448A                         |
| Estimated Refrigerant Charge (lbs)                 | TBD                            | TBD                            | TBD                            |
| Conventional Thermal Load, Single (Btuh) unlighted | 8007                           | 10676                          | 16014                          |
| Superheat Setpoint (°F)                            | 6 - 8                          | 6 - 8                          | 6 - 8                          |
| <b>Electrical Data (Amps/Watts)</b>                |                                |                                |                                |
| Power Supply (Volts/Hertz/Phase)                   | 208V/60HZ/1PH<br>115V/60HZ/1PH | 208V/60HZ/1PH<br>115V/60HZ/1PH | 208V/60HZ/1PH<br>115V/60HZ/1PH |
| Evaporator Fan Motor Amps (115 V)                  | 0.60                           | 0.60                           | 0.90                           |
| Anti-sweat Heater Amps (115 V)                     | N / A                          | N / A                          | N / A                          |
| Lights Amps (115V)                                 | 0.43                           | 0.47                           | 0.71                           |
| Defrost Heater Amps                                | N / A                          | N / A                          | N / A                          |
| Condensate Pump Amps (115 V)                       | 1.90                           | 1.90                           | 1.90                           |
| Condensate Pan Heater Amps                         | 7.21                           | 14.42                          | 14.42                          |
| Compressor RLA                                     | 12.00                          | 15.70                          | 23.20                          |
| Condenser Fan Motor Amps                           | 2.20                           | 2.20                           | 2.20                           |
| Refrigeration Cycle Amps                           | 2.03                           | 2.12                           | 2.69                           |
| Defrost Cycle Amps                                 | 2.03                           | 2.12                           | 2.69                           |
| Case Circuit Minimum Circuit Ampacity              | 2.54                           | 2.65                           | 3.36                           |
| Case Circuit Maximum Overcurrent Protection        | 15                             | 15                             | 15                             |
| Condensing Unit Minimum Circuit Ampacity           | 17.20                          | 21.83                          | 31.20                          |
| Case Circuit Maximum Overcurrent Protection        | 25                             | 35                             | 50                             |

APPLICATIONS



| Defrost Data (Electric) |                                      |                       |                 |
|-------------------------|--------------------------------------|-----------------------|-----------------|
| Defrosts per Day        | Failsafe Duration (min) <sup>1</sup> | Termination Temp (°F) | Drip Time (min) |
| 6                       | 25                                   | 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



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

