

Self-Service Single-Deck Merchandier w/ Service Dome

SD REMOTE BASE & REMOTE DOME - 4', 6', 8', 10', & 12'

Electrical Data (Dome)

| Model | | Fans per Case | High Efficiency Fans | | Anti-Condensate Fans | | Drain Heaters | | Optional Defrost Heaters | |
|-------|-----|---------------|----------------------|-------|----------------------|-------|---------------|-------|--------------------------|-------|
| | | | 120 Volts | | 120 Volts | | 120 Volts | | 208 Volts | |
| | | | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| SD | 4' | 1 | 0.3 | 36 | --- | --- | --- | --- | --- | --- |
| | 6' | 2 | 0.6 | 72 | --- | --- | --- | --- | --- | --- |
| | 8' | 2 | 0.6 | 72 | --- | --- | --- | --- | --- | --- |
| | 10' | 3 | 0.9 | 108 | --- | --- | --- | --- | --- | --- |
| | 12' | 3 | 0.9 | 108 | --- | --- | --- | --- | --- | --- |

Electrical Data (Base)

| Model | | Fans per Case | High Efficiency Fans | | Anti-Condensate Fans | | Drain Heaters | | Defrost Heaters | |
|-------|-----|---------------|----------------------|-------|----------------------|-------|---------------|-------|-----------------|-------|
| | | | 120 Volts | | 120 Volts | | 120 Volts | | 208 Volts | |
| | | | Amps | Watts | Amps | Watts | Amps | Watts | Amps | Watts |
| SD | 4' | 1 | 0.3 | 36 | 0.17 | 20.4 | --- | --- | --- | --- |
| | 6' | 1 | 0.3 | 36 | 0.31 | 37.2 | --- | --- | --- | --- |
| | 8' | 2 | 0.6 | 72 | 0.34 | 40.8 | --- | --- | --- | --- |
| | 10' | 2 | 0.6 | 72 | 0.52 | 62.4 | --- | --- | --- | --- |
| | 12' | 3 | 0.9 | 108 | 0.56 | 67.2 | --- | --- | --- | --- |

Lighting Data

| Model | | Lights per Row | Light Length (ft) | Fluorescent Lighting (Per Light Row) | | Clearvoyant LED Lighting (Per Light Row) | | | | | | |
|-------|-----|----------------|-------------------|--------------------------------------|-------|--|-----------|-------|------------------------|-----------|-------|------------------------|
| | | | | | | Standard Power (Cornice or Shelf) | | | High Power (Cornice) | | | |
| | | | | 120 Volts | | | 120 Volts | | | 120 Volts | | |
| | | | | Amps | Watts | Maximum Allowable Rows | Amps | Watts | Maximum Allowable Rows | Amps | Watts | Maximum Allowable Rows |
| SD | 4' | 1 | 4 | 0.27 | 32.4 | 1 | 0.12 | 14.4 | 1 | 0.2 | 24 | 1 |
| | 6' | 2 | 3 | 0.34 | 40.8 | 1 | 0.18 | 21.6 | 1 | 0.3 | 36 | 1 |
| | 8' | 2 | 4 | 0.47 | 56.4 | 1 | 0.24 | 28.8 | 1 | 0.4 | 48 | 1 |
| | 10' | 2 | 5 | 0.61 | 73.2 | 1 | 0.3 | 36 | 1 | 0.5 | 60 | 1 |
| | 12' | 3 | 4 | 0.68 | 81.6 | 1 | 0.36 | 43.2 | 1 | 0.6 | 72 | 1 |

Guidelines & Control Settings (DX)

| Model | | Conventional ² BTUH/ft | Parallel ³ BTUH/ft | Superheat Set Point @ Bulb (oF) | Evaporator (oF) | Discharge Air (oF) | Discharge Air ⁴ Velocity (FPM) |
|-------|------|-----------------------------------|-------------------------------|---------------------------------|-----------------|--------------------|---|
| SD | Dome | 383 | 353 | 6-8 | 26 | 30 | 370 |
| | Base | 689 | 636 | 6-8 | 26 | 30 | 360 |

Engineered for stores with ambient conditions not to exceed 75° and 55% relative humidity.
 Due to engineering improvements specifications may change without notice.
 All measurements are taken per ASHRAE - 72 - 2005 specifications.
 Numbers are based on standard case sizes. Consult engineering.



Defrost Controls

| Model | | Defrosts per Day | Run-Off Time (min) | Electric Defrost | | Timed-Off Defrost | | Hot Gas Defrost | |
|-------|------|------------------|--------------------|------------------|-----------------------|---------------------|-----------------------|-----------------|-----------------------|
| | | | | Fail-Safe (min) | Termination Temp (oF) | Fail-Safe (min) | Termination Temp (oF) | Fail-Safe (min) | Termination Temp (oF) |
| SD | Dome | 4 | --- | --- | --- | 45/ ⁵ 28 | 42 | --- | --- |
| | Base | 4 | --- | --- | --- | 45/ ⁶ 28 | 42 | --- | --- |

- 1 NOTE: "---" indicates data not applicable.
- 2,3 Listed BTUH indicates unlighted shelves. Add the following for lighted shelves:
 - 4' Fluorescent: 80 BTUH
 - 3' Fluorescent: 60 BTUH
 - 4' Shelf LED: 36 BTUH
 - 4' Canopy LED: 72 BTUH
 - 3' Shelf LED: 27 BTUH
 - 3' Hi-Output LED: 54 BTUH
- 4 Average discharge air velocity at peak of defrost.
- 5,6 Time-off duration for defrost with no termination control.

SERVICE/Self-SERVICE SINGLE-DECK

Bakery / Deli / Meat / Seafood

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