

Self-Service Open Multi-Deck Merchandiser

PF 51" SELF-CONTAINED - 4', 6', 8', 10', & 12'

System Requirements

| Model | | Volts | Phase | Total Amps | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
|-------|-----|---------|-------|------------|--------------------------|--------------------------------|
| PF | 4' | 120 | 1 | 20.26 | 25.3 | 45 |
| | 6' | 120/208 | 1 | 13.77 | 17.21 | 30 |
| | 8' | 120/208 | 1 | 14.46 | 18.07 | 32 |
| | 10' | 120/208 | 1 | 21.83 | 27.28 | 49 |
| | 12' | 120/208 | 1 | 22.07 | 27.58 | 49.65 |

Electrical Data

| Model | | Fans per Case | High Efficiency Fans | | Anti-Condensate Heaters | | Drain Pumps | | Evaporator Pan Heaters | | | Auxiliary Fans | |
|-------|-----|---------------|----------------------|-------|-------------------------|-------|-------------|-------|------------------------|------|-------|----------------|-------|
| | | | 120 Volts | | 120 Volts | | 120 Volts | | Volts | Amps | Watts | 120 Volts | |
| | | | Amps | Watts | Amps | Watts | Amps | Watts | | | | Amps | Watts |
| PF | 4' | 1 | 0.3 | 36 | 0.3 | 36 | --- | --- | 120 | 8.3 | 996 | --- | --- |
| | 6' | 2 | 0.6 | 72 | 0.3 | 36 | --- | --- | 208 | 4.8 | 998 | 0.3 | 36 |
| | 8' | 3 | 0.9 | 108 | 0.6 | 72 | --- | --- | 208 | 4.8 | 998 | 0.3 | 36 |
| | 10' | 4 | 1.2 | 144 | 0.5 | 60 | --- | --- | 208 | 7.2 | 1497 | 0.3 | 36 |
| | 12' | 4 | 1.2 | 144 | 0.6 | 72 | --- | --- | 208 | 7.2 | 1497 | 0.3 | 36 |

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 | Amps | Watts | Amps | Watts |
| PF | 4' | 1 | 4 | 0.27 | 32.4 | 0.12 | 14.4 | 0.2 | 24 |
| | 6' | 2 | 3 | 0.34 | 40.8 | 0.18 | 21.6 | 0.3 | 36 |
| | 8' | 2 | 4 | 0.47 | 56.4 | 0.24 | 28.8 | 0.4 | 48 |
| | 10' | 2 | 5 | 0.61 | 73.2 | 0.3 | 36 | 0.5 | 60 |
| | 12' | 3 | 4 | 0.69 | 82.8 | 0.36 | 43.2 | 0.6 | 72 |

Guidelines & Control Settings

| Model | 24hr Energy Usage (kWh/ft) | Suction Temperature @ Case Outlet (°F) | Superheat Set Point @ Bulb (°F) | Discharge Air (°F) | Discharge Air ² Velocity (FPM) |
|-------|----------------------------|--|---------------------------------|--------------------|---|
| PF | --- | +20 | 8-10 | 28 | 200 |

Condensing Unit Data

| Model | | Volts | Phase | HP | RLA ³ (amps) | LRA ⁴ (amps) | Refrig. | Condenser Fans | | Lbs. of Refrig. |
|-------|-----|-------|-------|-----|-------------------------|-------------------------|---------|-------------------|-------|-----------------|
| | | | | | | | | Amps ⁴ | Watts | |
| PF | 4' | 120 | 1 | 1/2 | 9.25 | 54.5 | 404a | 1.3 | 156 | 2.2 |
| | 6' | 208 | 1 | 1 | 6.2 | 40 | 404a | 0.85 | 177 | 4.4 |
| | 8' | 208 | 1 | 1.5 | 6.2 | 40 | 404a | 0.85 | 177 | 4.4 |
| | 10' | 208 | 1 | 2 | 9.6 | 55 | 404a | 1.7 | 353 | 4.4 |
| | 12' | 208 | 1 | 2 | 9.6 | 55 | 404a | 1.7 | 353 | 4.4 |

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.



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Defrost Controls

| Model | Defrosts per Day | Run-Off Time (min) | Electric Defrost | | Timed-Off Defrost | | Hot Gas Defrost | |
|-------|------------------|--------------------|------------------|-----------------------|-------------------|-----------------------|-----------------|-----------------------|
| | | | Fail-Safe (min) | Termination Temp (°F) | Fail-Safe (min) | Termination Temp (°F) | Fail-Safe (min) | Termination Temp (°F) |
| PF | 4 | 30 | --- | --- | --- | --- | --- | --- |

- 1 NOTE: " - - " indicates data not applicable.
- 2 Average discharge air velocity at peak of defrost.
- 3 RLA - Running Load Amps
- 4 LRA - Locked Rotor Amps

**SELF-SERVICE
MULTI-DECK**

Bakery / Beverage / Cheese / Deli / Meat

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