

| Item | Part # | Description | Wiring Item # | Item | Part # | Description | Wiring Item # |
|---------------------------------------|-----------------|---|---------------|---------------------------|---------|--------------------------------|---------------|
| FAN ASSEMBLIES AND THERMOSTATS | | | | HEATERS | | | |
| A. | 4W Fan Assembly | | (1) | D. | 0401556 | Nosing Anti-Sweat Heater, 6 ft | (4) |
| | 0392457 | Fan Motor, Evaporator (MO.4410101) | | | | (HE.4850466) | |
| | 0409511 | Fan Blade (FB.0409511) embossing toward motor | | LAMPS AND BALLASTS | | | |
| B. | 0382028 | Standard Non-adjustable Defrost Thermostat (CT.0382028) | (2) | E. | 0428648 | Ballast, Electronic, 2 lamps | (5) |
| | | | | | | (BA.4480823) | |
| C. | 0253451 | Optional Adjustable Refrigeration Thermostat (CT.4480780) | (3) | F. | | Fluorescent Lamp | (6) |
| | | | | | | Replace with like fixtures | |

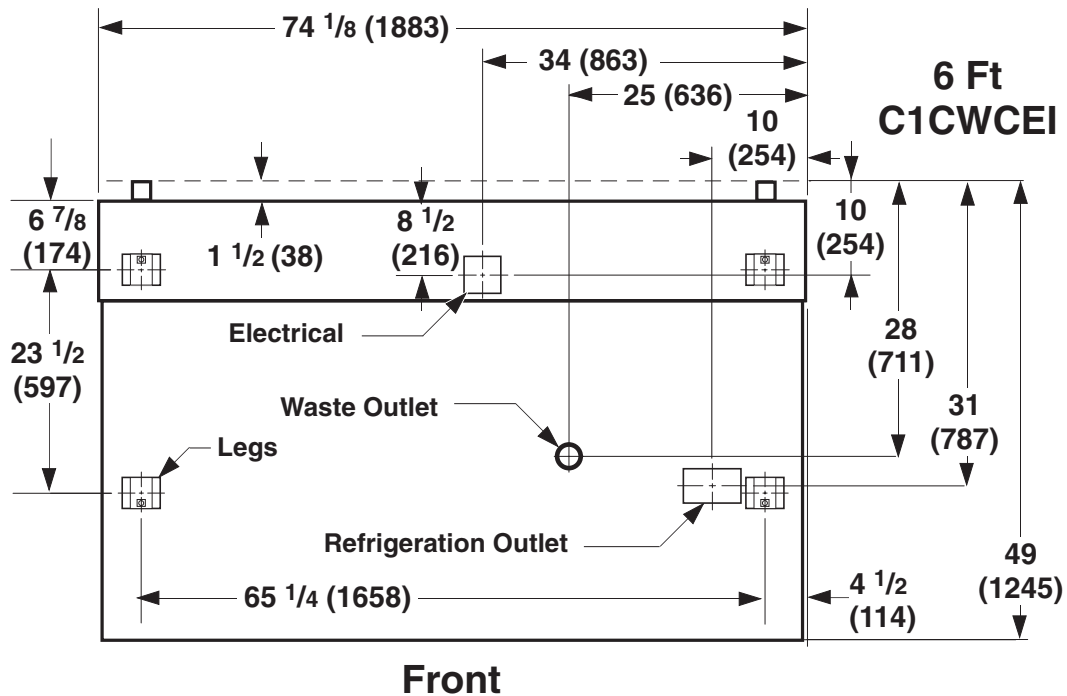
Note: Revision A corrects illustration on Page 1 and plan view on Page 2.

Engineering Plan Views



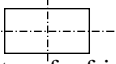
Dimensions shown as inches and (mm).

**Prepackaged
Meat &
Delicatessen**

09-2003

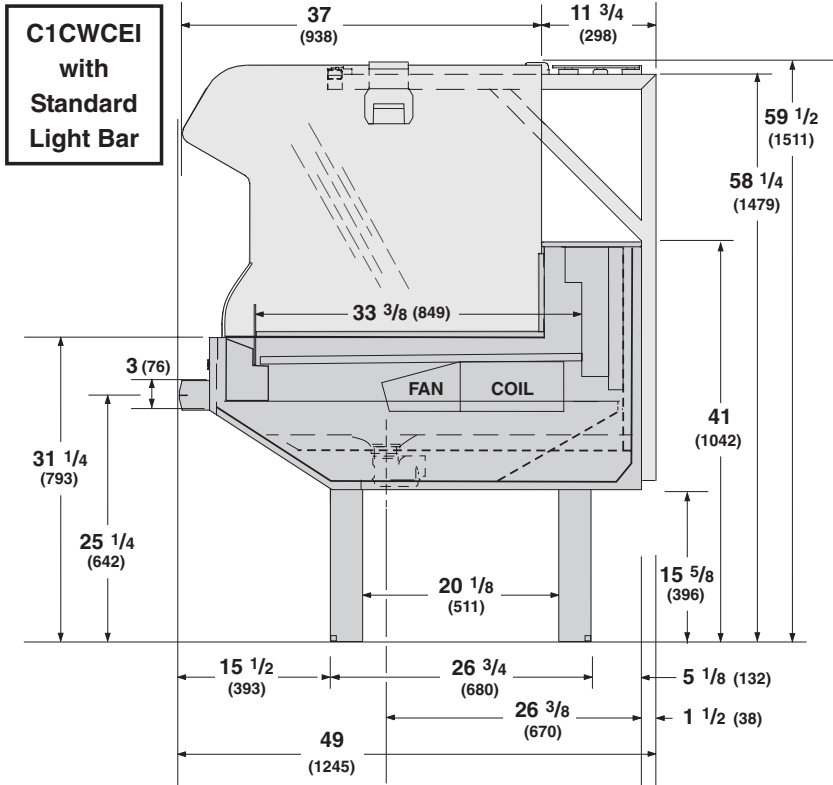


Front

| | | 6 ft |
|--|--|------------------|
| General | | |
| Case Length (including ends) | | 74 1/8 (2448) |
| Optional End Bumpers (One pair) | | 2 (51) |
| Maximum O/S dimension of case back to front (including bumper) | | <u>49 (1245)</u> |
| Back of case to front of splashguard | | 31 7/8 (810) |
| Center of rear legs to center of front legs | | 23 1/2 (597) |
| Electrical Service  (Electrical Field Wiring connection point) | | |
| Right-hand end of case to center of knockout | | 34 (863) |
| Back of case to center of knockout | | <u>10 (254)</u> |
| Length of electrical raceway | | 31 5/8 (803) |
| Waste Outlet  | | |
| Right-hand end of case to the center of waste outlet | | 25 (636) |
| Back outside of case to center of waste outlet | | <u>28 (711)</u> |
| Water Seal | | |
| Edge of water seal to center of waste outlet | | 4 (102) |
| Outside diameter of the drip pipe | | 1 1/2 (38) |
| Refrigeration Outlet  | | |
| Back of case to center of refrigeration outlet | | <u>31 (787)</u> |
| Right-hand end of case to center of refrigeration outlet | | 10 (254) |

Dimensions shown as inches and (mm).

Impact C1CWCEI
Prepackaged Meat & Delicatessen



C1CWCEI
with
Standard
Light Bar

REFRIGERATION DATA

Note: This data is based on store temperature and humidity that does not exceed 75°F and 55% R.H.

| | C1CWCEI |
|-------------------------|----------------|
| Discharge Air °F | 29 |
| Evaporator °F | 18 |
| Unit Sizing °F | 16 |
| Btu/hr/ft | C1CWCEI |
| Parallel | 422 |
| Conventional | 453 |

DEFROST DATA

| | |
|---|-----|
| Frequency Hrs | 12 |
| Defrost Water (lb/ft/day) | 0.2 |
| <small>(± 15% based on case configuration and product loading).</small> | |

| | C1CWCEI |
|----------------------------|----------------|
| OFFTIME | C1CWCEI |
| Temp Term °F | 48 |
| Failsafe Minutes | 90 |
| ELECTRIC OR GAS | No |
| <small>Recommended</small> | |

Standard Defrost Thermostat

Close on rise: close 48°F — open 33°F

CONVENTIONAL CONTROLS

Low Pressure Backup Control

C1/CO* 11°F / 1°F

Indoor Unit Only, Pressure Defrost

Termination* 48°F

*Use a Temperature Pressure Chart to determine PSIG conversions.

PHYSICAL DATA

| | |
|---------------------------------|-------|
| Merchandiser Drip Pipe (in.) | 1 1/2 |
| Merchandiser Liquid Line (in.) | 3/8 |
| Merchandiser Suction Line (in.) | 7/8 |

Estimated Charge (lb)** **C1CWCEI**

6 ft 1.5

**This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately half a pound.

Length Added to Lineup by Each

End or Insulated Partition (in.) N/A

NSF Certification

These merchandisers are manufactured to meet ANSI /National Sanitation Foundation (NSF®) Standard #7 requirements.

| |
|---|
| Impact C1CWCEI Prepackaged Meat & Delicatessen |
|---|

Electrical Data

| | |
|---------------------------|-------------|
| Number of Fans | 6 ft |
| Refrigeration – 9W | 4 |
| Export – 9W | NA |

| | Amperes | Watts |
|-----------------------------|----------------|--------------|
| Merchandiser | 6 ft | 6 ft |
| Fans (Refrigeration) | | |
| 120V 60Hz Standard | 0.62 | 48 |
| 120V 60Hz Energy Efficient | NA | NA |
| 230V 50Hz Export | NA | NA |

| | | |
|---------------------------------------|-----|----|
| Constant On Anti-sweat Heaters | 0.2 | 24 |
|---------------------------------------|-----|----|

| Minimum Circuit Ampacity | | |
|---------------------------------|-----|--|
| 120V 60Hz Standard | 0.9 | |
| 120V 60Hz Energy Efficient | NA | |
| 230V 50Hz Export | NA | |

| | |
|---|-----------|
| Maximum Over Current Protection 120V | 20 |
| 230V 50Hz Export | NA |

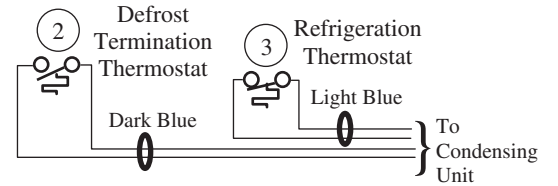
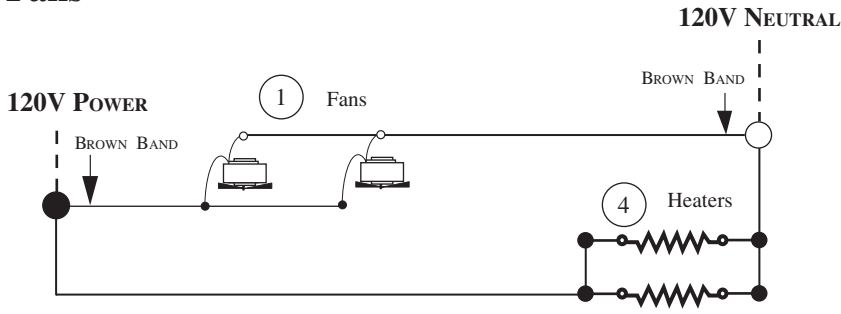
| | | |
|--------------------------------------|----|----|
| 208V Electric Defrost Heaters | NA | NA |
|--------------------------------------|----|----|

| | | |
|---------------------------------|----|----|
| 208V Gas Defrost Heaters | NA | NA |
|---------------------------------|----|----|

| Standard Lighting | | |
|--------------------------|-------------|-------------|
| Light Bar | 6 ft | 6 ft |
| 1 Row | 0.51 | 62 |

Fan Wiring Offtime Defrost

2 Fans



WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

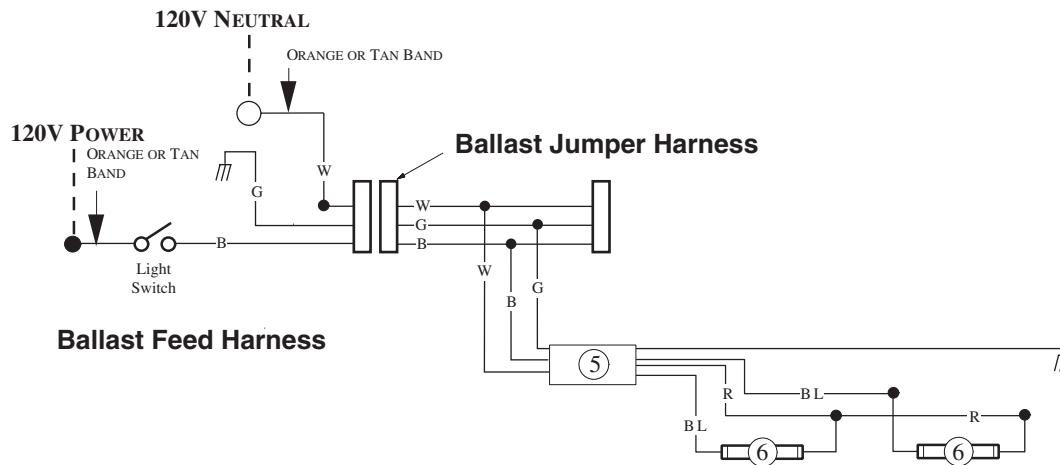
CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

R = Red Y = Yellow G = Green BL = Blue B = Black W = White

● = 120V POWER ○ = 120V NEUTRAL ≡ = FIELD GROUND ≡≡≡ = CASE GROUND

Light Circuits

Standard Lighting for Light Bar — 1 Row



WARNING

All components must have mechanical ground, and the merchandiser must be grounded.

CIRCLED NUMBERS = PARTS LIST ITEM NUMBERS

Grayed components in 12 foot models only.

R = Red Y = Yellow G = Green BL = Blue B = Black W = White

● = 120V POWER ○ = 120V NEUTRAL