

# Technical Information

Fusion - Self-Service Doored Reach-In Front - 78"H

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

## DIMENSIONS / SHIPPING

| Model   | L"     | L1"    | L2"   | Est Wt (lbs) |
|---------|--------|--------|-------|--------------|
| MD478DR | 48.000 | 50.250 | 3.000 | N/A          |
| MD678DR | 72.000 | 74.250 | 3.000 | N/A          |

## ELECTRICAL

| Model   | System Circuit Volts |            |         | Ph | Frq | Rated Load Amps | Min Cir Amps | Max OCP Amps | Watts | Wires | NEMA Plug      | Amps Lights | Amps Fans | Amps Anti-Sweats | Amps Misc/Refrig/Heat |
|---------|----------------------|------------|---------|----|-----|-----------------|--------------|--------------|-------|-------|----------------|-------------|-----------|------------------|-----------------------|
| MD478DR | Remote (DX)          | Circuit #1 | 110-120 | 1  | 60  | 2.00            | 15           | 15           | 100   | 2+G   | Leads Multiple | 1.40        | 0.60      |                  | N/A                   |
| MD678DR | Remote (DX)          | Circuit #1 | 110-120 | 1  | 60  | 2.00            | 15           | 15           | 135   | 2+G   | Leads Multiple | 1.40        | 0.60      |                  | N/A                   |

## REFRIGERATION

| Model   | Zone | Section | System    | Envt   | REMOTE REFRIGERATION |                 |                 |                        |                  | GLYCOL / R744 REFRIGERATION |                     |             |                  |
|---------|------|---------|-----------|--------|----------------------|-----------------|-----------------|------------------------|------------------|-----------------------------|---------------------|-------------|------------------|
|         |      |         |           |        | SST (°F)             | Conv. Rack BTUH | Para. Rack BTUH | Defrost Interval (Hrs) | Defrost Duration | Total GPM                   | Pressure Drop (psi) | Concent (%) | Liquid Temp (°F) |
| MD478DR | All  | Main    | Remote-DX | Type I | 26                   | 1,469           | 1,360           | 4.00                   | 30.00            | N/A                         | N/A                 | N/A         | N/A              |
| MD678DR | All  | Main    | Remote-DX | Type I | 28                   | 2,246           | 2,080           | 4.00                   | 25.00            | N/A                         | N/A                 | N/A         | N/A              |

## INTENDED ENVIRONMENT

Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise under Envt above.

## IMPORTANT NOTES

1) Units must be shimmed during installation to ensure the unit is level and plumb.

## WARMEST AVERAGE PRODUCT TEMP & INTENDED USE OF ZONES

| Zone | Temp (°F) | Intended Use                                |
|------|-----------|---|
| 1    | 40        | Packaged / unpackaged refrigerated products |

## REGULATORY

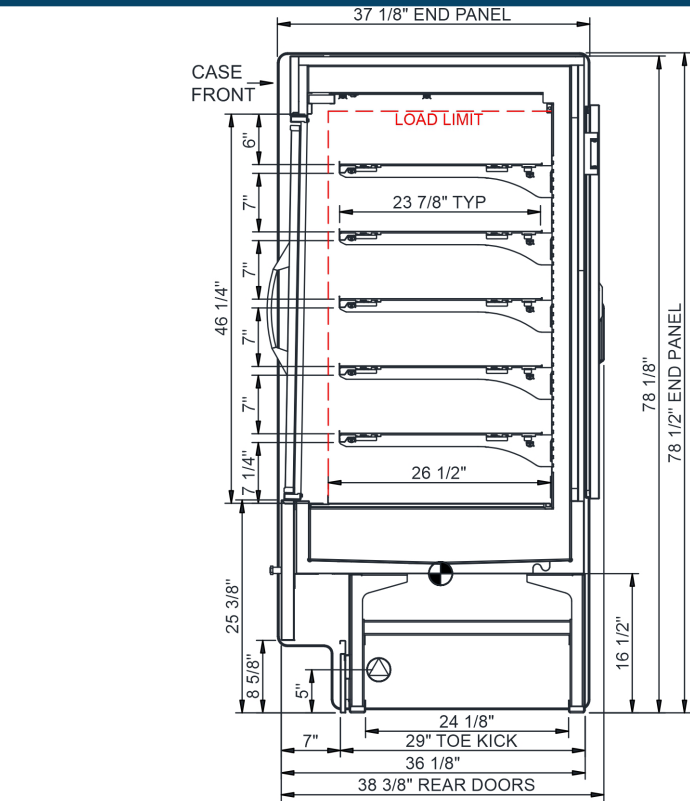
|            |   |
|------------|---|
| All Models | Accordance with AHRI Std 1200<br>ETL Listed to UL 471<br>ETL Listed to CAN/CSA 22.2 No. 120<br>ETL Sanitation to NSF/ANSI 7 |
|------------|---|



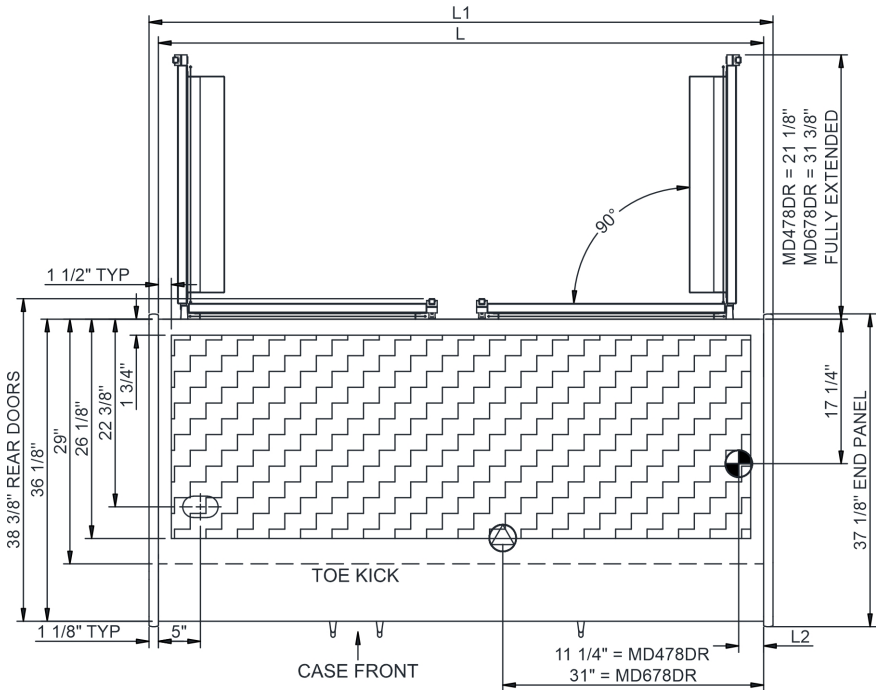
In Accordance with  
**AHRI Std 1200**

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| REAR DOORS LOADING SPACE |                       |  |
|--------------------------|-----------------------|--|
| MODEL                    | WD x HT x QTY         |  |
| MD478DR                  | 17" x 47 3/4" x 2     |  |
| MD678DR                  | 27 1/8" x 47 3/4" x 2 |  |



NOTE: ALL DIMENSIONS APPROXIMATE

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ELECTRICAL JUNCTION BOX  
(SUPPLIED WITH 6" LEADS OR POWER CORD).
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REFRIGERATION LINE CONNECTION.
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SELF-CONTAINED CASE SERVICE ACCESS AREA.
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LOCATION OF DRAIN TUBE FOR REMOTE REF.  
ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).
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REMOTE FLOOR SINK & UTILITIES  
ACCESS AREA.
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DRY CASE SERVICE ACCESS AREA.