Structural Concepts®

DELIVERING FRESH. ALWAYS.™

Merchandising Equipment

BEST PRACTICES QUICK GUIDE

THE 5'-10'-15' PLACEMENT RULE

5' — **Away from Windows**

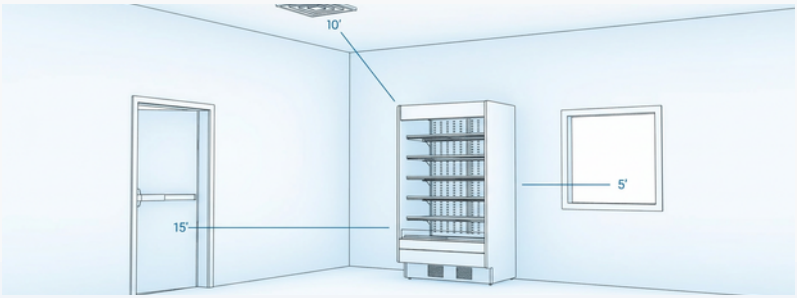
- Avoid direct sunlight
- Reduces heat load and condensation

10' — **Away from HVAC Vents**

- Prevents disruption of the air curtain
- Helps maintain proper product temperatures

15' — **Away from Exterior Doors**

- Minimizes warm air infiltration
- Reduces condensation and temperature fluctuations



ENVIRONMENTAL REQUIREMENTS

Type I Cases:

- **75°F** Maximum Ambient Temperature
- **55%** Maximum Relative Humidity

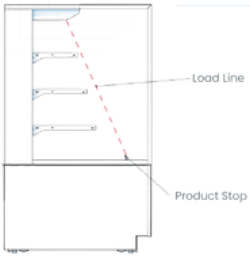
Type II Cases:

- **80°F** Maximum Ambient Temperature
- **55%** Maximum Relative Humidity

Keep conditions **consistent 24/7**. Smart thermostats, EMS systems, open doors, and open windows can lead to condensation, elevated temperatures, and water on the floor.

LOAD PRODUCT CORRECTLY

- ✅ Pre-chilled product only
- ✅ Keep product below fill lines and thermometers
- ✅ Maintain 1" clearance above products
- ✅ Maintain 1" clearance at rear air discharge vents
- ✅ Do not block the front air return opening



Refrigerated merchandisers maintain product temperature.
They are not designed to cool warm product.

MAINTENANCE SCHEDULE

Daily:

- Clean exterior surfaces
- Use mild soap and a soft cloth
- Never use ammonia-based cleaners on acrylic

Weekly:

- Clean condenser filter
- Vacuum condenser coil
- Keep airflow unrestricted

Quarterly:

- Clean evaporator tub and drain
- Clean condensate pan
- Vacuum beneath the case
- Verify proper drain operation

QUICK PERFORMANCE CHECK

- ✅ Verify condenser filter is clean
- ✅ Confirm humidity is within NSF requirements
- ✅ Check for blocked air vents
- ✅ Verify proper product loading
- ✅ Ensure the unit is level
- ✅ Check for nearby drafts from doors or HVAC vents

For additional technical support, please email **techservice@structuralconcepts.com**
or call **1 (800) 433-9490**

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