



Errata to TEMPERATURE MEASUREMENT

AHAM HRF-1-2016

Correction Sheet
Issued July 31, 2017



Leadership > Knowledge > Innovation

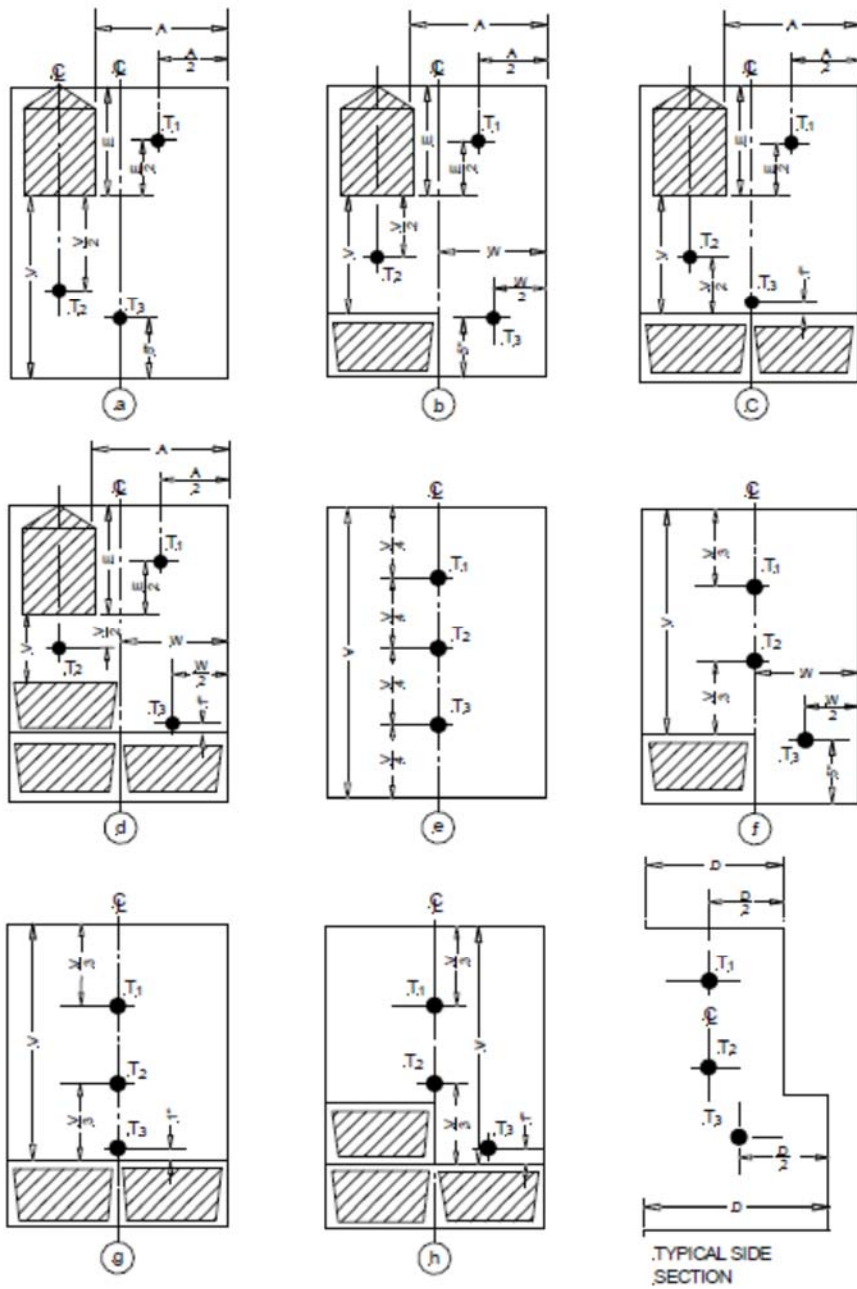
Correction sheet to AHAM HRF-1-2016

Page 26, Section 5.8.1 should read as follows (correction highlighted):

5.8.1 Temperature Measurements. Record temperature measurements at the locations prescribed in Figures 5-1 and 5-2. Temperature measurements shall be accurate to within $\pm 1^{\circ}\text{F}$ (0.6°C) of true value. No freezer temperature measurements need be taken in an all-refrigerator model.

For wine chillers, refrigerators and refrigerator-freezers, if the interior arrangements of the cabinet do not conform to those shown in Figure 5-1 and Figure 5-2, measurements shall be taken at selected locations chosen to represent approximately the entire refrigerated compartment. Each compartment shall have the number of thermocouples specified in Figure 5-1 and Figure 5-2. ~~If the compartment volume is less than 2 cubic feet, then a single thermocouple shall be located at the geometric center of the compartment.~~ Record the locations selected.

Page 16, Notes to Figure 5.1 should read (correction highlighted):

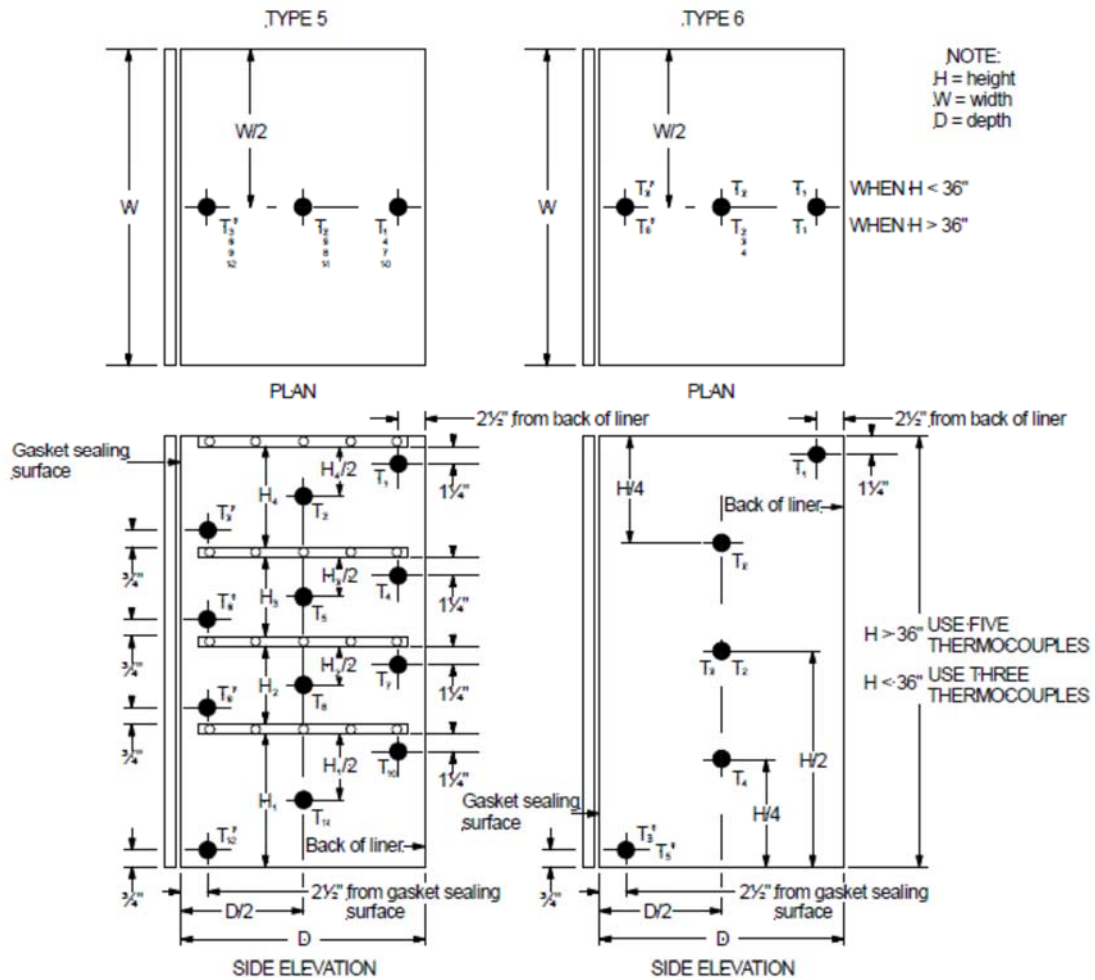


"A", "D", "E", "W" and "V" are arbitrary designations for determining location at which temperatures are to be measured. The depth dimension shall be measured from the back of the liner to a plane defining the gasket sealing surface. T1, T2 and T3 indicate thermocouple locations.

- Note: If the compartment volume is less than 2 cubic feet, then a single thermocouple shall be located at the geometric center of the compartment.

Figure 5-1 — Thermocouple Locations for Determination of Fresh Food Compartment Temperatures

Page 18, Notes to Figure 5.2 should read (correction highlighted):



* If a projection on the inner door interferes with these thermocouple locations, move them rearward to clear the projection.

- For types 1, 2, 3 and 4; the height dimension shall be measured from the bottom of the liner (or from the top of a trivet, if furnished) to a plane defining the gasket sealing surface.
- For types 5 and 6; the height dimension shall be measured from the bottom of the liner (or from the top of a trivet, if furnished).
- For types 5 and 6; the depth dimension shall be measured from the back of the liner to a plane defining the gasket sealing surface.
- For type 5; non-refrigerated shelves are treated as if they were not there.

- For type 6, in case of evaporator or freezer compartment of refrigerators (except all-refrigerators), the width, height and depth dimensions shall be measured in the same manner as refrigerated volume computation described in Section 4.
- For type 6; frost free freezers T1, T3, and T5 should allow 1” air space between sensors and nearest surface.

Note:

- For load tests, the thermocouple location designates the approximate geometric center of a $5 \times 4 \times 1 \frac{1}{2}$ inch frozen food package.
- If the compartment volume is less than 2 cubic feet, then a single thermocouple shall be located at the geometric center of the compartment.

Figure 5-2 (continued) — Thermocouple Locations for Determination of Freezer Compartment Temperatures of Refrigerators (except All-Refrigerators) and Freezers