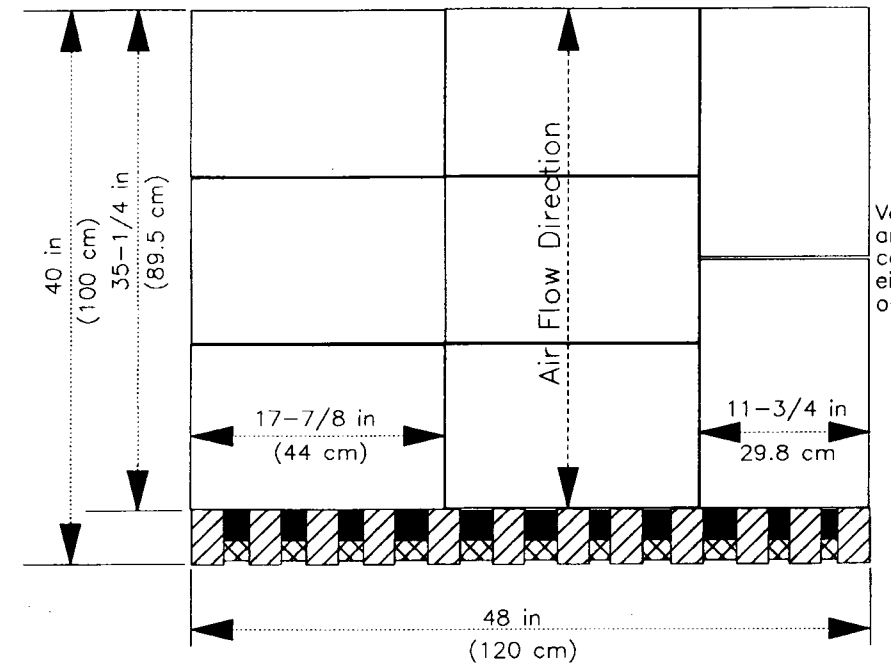
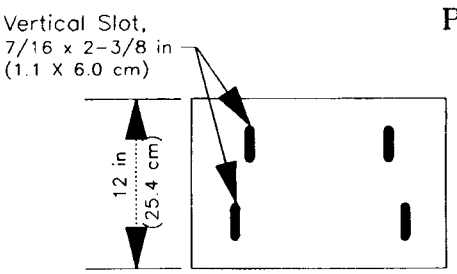
1-1/9 BU PEPPER CONTAINER



Vent Alignment: Vents are aligned because containers are stacked either side to side or end to end.

PLAN VIEW

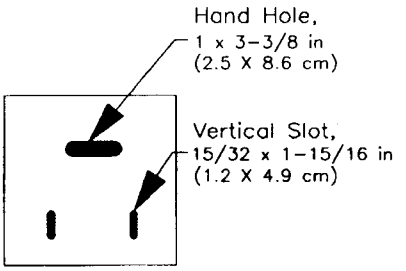


SIDE VIEW

% Vent Opening

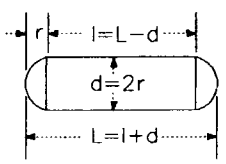
1.9	3.5*

* Hand Hole Assists Forced-Air Cooling



END VIEW

Area of Round-ended Slot



Area Slot = Area Rectangle + 2(Area Semi-Circle)

= Area Rectangle + Area Circle

$= (L-d)d + \pi d^2/4 = (l)d + \pi r^2$

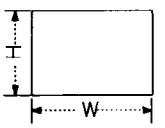
For example using the side view above (English units):

Area Slot $= [(2\ 3/8)-(7/16)](7/16) + \pi (7/16)^2$

Area Slot $= 1.00\ in^2$

Total Vent Area = 4 Area Slot $= 4.00\ in^2$

Area of Container Face



Area Face = Area Rectangle = Width x Height = WH

For example using the side view above (English units):

Area Face $= (17\ 7/8)(12) = 214.5\ in^2$

% Vent Opening Area

$$\%\ \text{Vent Opening} = \frac{\text{Total Vent Area}}{\text{Area Face}}\ 100$$

For example using the side view above (English units):

% Vent Opening = (4.00/214.5)100 = 1.9 %

Figure 8. 1-1/9 bushel pepper container showing dimensions, percent vent openings, and pallet stacking configuration.