### Outside Air Film
- **0.37** for 3 mph wind
- **0.25** for 7.5 mph wind
- **0.17** for 15 mph wind

### Inside Air Film
- **0.61** for horizontal surface/rising heat flow
- **0.68** for vertical surface
- **0.92** for horizontal surface/descending heat flow

### Framing Factor Values
*If insulation is loose fill or batts/blankets crisscross over framing, use a framing factor of 1.00*

<table>
<thead>
<tr>
<th>Components</th>
<th>R-value</th>
<th>Components</th>
<th>R-value</th>
<th>Components</th>
<th>R-value</th>
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<tbody>
<tr>
<td>A. Outside Air Film</td>
<td>______</td>
<td>B. _____________</td>
<td>______</td>
<td>C. _____________</td>
<td>______</td>
</tr>
<tr>
<td>D. _____________</td>
<td>______</td>
<td>E. _____________</td>
<td>______</td>
<td>F. _____________</td>
<td>______</td>
</tr>
<tr>
<td>G. Inside Air Film</td>
<td>______</td>
<td>Total R-Value (Rt)= ______</td>
<td>+ =</td>
<td>U-Value (With Framing Factor Correction)</td>
<td>______</td>
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<tr>
<td>Color:___________</td>
<td>______</td>
<td>Color:___________</td>
<td>______</td>
<td>Color:___________</td>
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<tr>
<td>Meas.:<strong><strong>% or Est.:</strong></strong>%</td>
<td>______</td>
<td>Meas.:<strong><strong>% or Est.:</strong></strong>%</td>
<td>______</td>
<td>Meas.:<strong><strong>% or Est.:</strong></strong>%</td>
<td>______</td>
</tr>
<tr>
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<td>______</td>
<td>Type</td>
<td>______</td>
<td>Type</td>
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<td>• Concrete:_______</td>
<td>______</td>
<td>• Concrete:_______</td>
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<td>• Concrete:_______</td>
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</tr>
<tr>
<td>• Frame:___ x ___ at ___oc</td>
<td>______</td>
<td>• Frame:___ x ___ at ___oc</td>
<td>______</td>
<td>• Frame:___ x ___ at ___oc</td>
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<tr>
<td>• Vented:_________</td>
<td>______</td>
<td>• Vented:_________</td>
<td>______</td>
<td>• Vented:_________</td>
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<tr>
<td>• Other:__________</td>
<td>______</td>
<td>• Other:__________</td>
<td>______</td>
<td>• Other:__________</td>
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</tr>
<tr>
<td><strong>A. Outside Air Film ______</strong></td>
<td></td>
<td><strong>B. _____________ ______</strong></td>
<td>+ =</td>
<td><strong>C. _____________ ______</strong></td>
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<tr>
<td><strong>D. _____________ ______</strong></td>
<td></td>
<td><strong>E. _____________ ______</strong></td>
<td>+ =</td>
<td><strong>F. _____________ ______</strong></td>
<td></td>
</tr>
<tr>
<td><strong>G. Inside Air Film ______</strong></td>
<td></td>
<td><strong>Total R-Value (Rt)= ______</strong></td>
<td>+ =</td>
<td><strong>U-Value (With Framing Factor Correction) ______</strong></td>
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</tbody>
</table>

**U-Value**

\[
\text{U-Value} = \frac{\text{Framing Factor} \times \text{Total R-Value} - \text{U-Value}}{\text{Framing Factor} \times \text{Total R-Value} - \text{U-Value}}
\]

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<table>
<thead>
<tr>
<th>R</th>
<th>16&quot; oc</th>
<th>24&quot; oc</th>
<th>16&quot; oc</th>
<th>24&quot; oc</th>
<th>16&quot; oc</th>
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<td>1.02</td>
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<td>0.97</td>
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</tbody>
</table>

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\[
\text{U-Value} = \frac{\text{Framing Factor} \times \text{Total R-Value} - \text{U-Value}}{\text{Framing Factor} \times \text{Total R-Value} - \text{U-Value}}
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