### System depth

<table>
<thead>
<tr>
<th>Bracket</th>
<th>min. D system depth</th>
<th>max. D system depth</th>
<th>t panel thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha H 035</td>
<td>2 $\frac{3}{8}$&quot; (69mm)</td>
<td>3 $\frac{15}{16}$&quot; (100mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 050</td>
<td>3 $\frac{3}{4}$&quot; (78mm)</td>
<td>4 $\frac{3}{8}$&quot; (115mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 080</td>
<td>4 $\frac{3}{4}$&quot; (108mm)</td>
<td>5 $\frac{3}{8}$&quot; (145mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 115</td>
<td>5 $\frac{1}{2}$&quot; (143mm)</td>
<td>7 $\frac{1}{8}$&quot; (180mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 150</td>
<td>7&quot; (178mm)</td>
<td>8 $\frac{1}{2}$&quot; (215mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 185</td>
<td>8 $\frac{3}{8}$&quot; (213mm)</td>
<td>9 $\frac{3}{8}$&quot; (250mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 220</td>
<td>9 $\frac{1}{2}$&quot; (248mm)</td>
<td>11 $\frac{1}{4}$&quot; (285mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha H 235</td>
<td>10 $\frac{3}{8}$&quot; (263mm)</td>
<td>11 $\frac{3}{8}$&quot; (300mm)</td>
<td>varies</td>
</tr>
</tbody>
</table>

### Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha H wall bracket
4. st/st self-drilling screw $\frac{3}{16}" \times 3"$
5. st/st self-drilling screw $\frac{3}{8}" \times 1"$
6. Horizontal L-profile
7. Vertical Z-profile
8. Vertical Hat-profile
9. Blind rivet
10. Insulation
11. Panel
12. A/V barrier
13. Exterior wall
14. Outer corner closure
15. Inner corner closure
16. Jamb closure
17. Vertical L-profile
18. Coping
19. Perforated window head closure
20. Window sill
21. Perforated base closure

D - System depth

* - Panel thickness

* Ventilation will vary based on insulation depth.

** Minimum ventilation requirement should be qualified by panel manufacturer.
Vertical joint

Legend
1. Steel stud (16 GA typical) 11. Panel
2. Perimeter anchor 12. A/V barrier
3. Alpha H wall bracket 13. Exterior wall
4. st/st self-drilling screw \( \frac{3}{8} \times 3^\prime \) 14. Outer corner closure
5. st/st self-drilling screw \( \frac{7}{16} \times 1'' \) 15. Inner corner closure
7. Vertical Z-profile 17. Vertical L-profile
8. Vertical Hat-profile 18. Coping
10. Insulation 20. Window sill
21. Perforated base closure

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Legend
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha H wall bracket
4. st/st self-drilling screw $\frac{3}{16} \times \frac{3}{4}$
5. st/st self-drilling screw $\frac{3}{8} \times 1$"
6. Horizontal L-profile
7. Vertical Z-profile
8. Vertical Hat-profile
9. Blind rivet
10. Insulation
11. Panel
12. A/V barrier
13. Exterior wall
14. Outer corner closure
15. Inner corner closure
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17. Vertical L-profile
18. Coping
19. Perforated window head closure
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Option 1

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha H wall bracket
4. st/st self-drilling screw \( \frac{3}{16} \times 3^\circ \)
5. st/st self-drilling screw \( \frac{5}{16} \times 1^" \)
6. Horizontal L-profile
7. Vertical Z-profile
8. Vertical Hat-profile
9. Blind rivet
10. Insulation

Legend:

- Panel
- A/V barrier
- Exterior wall
- Outer corner closure
- Inner corner closure
- Jamb closure
- Vertical L-profile
- Coping
- Perforated window head closure
- Window sill

** D - System depth
2. Panel thickness
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Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha H wall bracket
4. st/st self-drilling screw $\frac{3}{16} \times 3^\prime$
5. st/st self-drilling screw $\frac{9}{16} \times 1''$
6. Horizontal L-profile
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3. Alpha H wall bracket
4. st/st self-drilling screw \( \frac{3}{16} \times 3\)
5. st/st self-drilling screw \( \frac{1}{2} \times 1\)
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Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha H wall bracket
4. st/st self-drilling screw 3/8" x 3/4"
5. st/st self-drilling screw 5/8" x 1"
6. Vertical L-profile
7. Vertical Z-profile
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5. st/st self-drilling screw \( \frac{1}{2}\times1" \)
6. Horizontal L-profile
7. Vertical Z-profile
8. Vertical Hat-profile
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