### System depth

<table>
<thead>
<tr>
<th>Bracket</th>
<th>min. D system depth</th>
<th>max. D system depth</th>
<th>R</th>
<th>t panel thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha V 035 / Alpha V+ 035</td>
<td>2 $\frac{3}{16}$ (70mm)</td>
<td>3 $\frac{3}{8}$ (98mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 050 / Alpha V+ 050</td>
<td>3&quot; (76mm)</td>
<td>4 $\frac{7}{16}$ (113mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 080 / Alpha V+ 080</td>
<td>4 $\frac{3}{16}$ (106mm)</td>
<td>5 $\frac{3}{8}$ (143mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 100 / Alpha V+ 100</td>
<td>4 $\frac{15}{32}$ (126mm)</td>
<td>6 $\frac{7}{8}$ (163mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
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<tr>
<td>Alpha V 115 / Alpha V+ 115</td>
<td>5 $\frac{5}{16}$ (141mm)</td>
<td>7&quot; (178mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
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<tr>
<td>Alpha V 135 / Alpha V+ 135</td>
<td>6 $\frac{5}{16}$ (161mm)</td>
<td>7 $\frac{7}{8}$ (198mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 150 / Alpha V+ 150</td>
<td>6 $\frac{15}{32}$ (176mm)</td>
<td>8 $\frac{5}{8}$ (213mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
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<tr>
<td>Alpha V 170 / Alpha V+ 170</td>
<td>7 $\frac{11}{16}$ (196mm)</td>
<td>9 $\frac{3}{8}$ (233mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 185 / Alpha V+ 185</td>
<td>8 $\frac{5}{16}$ (211mm)</td>
<td>9 $\frac{3}{8}$ (248mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 200 / Alpha V+ 200</td>
<td>8 $\frac{15}{32}$ (226mm)</td>
<td>10 $\frac{3}{8}$ (263mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 220 / Alpha V+ 220</td>
<td>9 $\frac{11}{16}$ (246mm)</td>
<td>11 $\frac{3}{8}$ (283mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 255 / Alpha V+ 255</td>
<td>11 $\frac{5}{16}$ (281mm)</td>
<td>11'-0 $\frac{1}{2}$ (318mm)</td>
<td>$\frac{7}{8}$ (23mm)</td>
<td>varies</td>
</tr>
</tbody>
</table>

**Legend**

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw $\frac{3}{16}" \times 2"$
6. st/st self-drilling screw $\frac{3}{8}" \times 1"$
7. Vertical L-profile
8. Undercut anchor
9. Insulation
10. Panel
11. A/V barrier
12. Exterior wall
13. Outer corner closure
14. Inner corner closure
15. Jamb closure
16. Horizontal L-profile
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. C-carrier rail
22. C-hanger, adjustable
23. C-hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw $\frac{3}{16}" \times 1"$
26. Rivet
27. D - System depth
28. t - Panel thickness
29. R - C-carrier rail and C-hanger

* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable C-hangers per panel to be fixed with fixing screw $\frac{3}{16}" \times 1"$
Legend

1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw $\frac{3}{16}\times\frac{3}{4}$
6. st/st self-drilling screw $\frac{1}{2}\times1$
7. Vertical L-profile
8. Undercut anchor
9. Insulation
10. Panel
11. A/V barrier
12. Exterior wall
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25. Fixing screw $\frac{3}{16}\times1$
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1. Steel stud (16 GA typical)
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3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw \( \frac{3}{16}" \times \frac{3}{4}" 
6. st/st self-drilling screw \( \frac{1}{2} \times 1" 
7. Vertical L-profile
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Page: 05
1. Steel stud (16 GA typical)
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3. Alpha V wall bracket
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5. st/st self-drilling screw \( \frac{3}{16}'' \times \frac{3}{4}'' \)
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D - System depth

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Window head (option 1)

Legend
1. Steel stud (16 GA typical)
2. Perimeter anchor
3. Alpha V wall bracket
4. Alpha V+ wall bracket
5. st/st self-drilling screw 3/16"x3/4"
6. st/st self-drilling screw 1/2"x1"
7. Vertical L-profile
8. Undercut anchor
9. Insulation
10. Panel
11. A/V barrier
12. Exterior wall
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23. C-hanger, non-adjustable
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25. Fixing screw 3/16"x1"
26. Rivet
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5. st/st self-drilling screw $\frac{3}{16}" \times \frac{3}{4}"
6. st/st self-drilling screw $\frac{1}{2} " \times 1 "$
7. Vertical L-profile
8. Undercut anchor
9. Insulation
10. Panel
11. A/V barrier

12. Exterior wall
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26. Rivet

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6. st/st self-drilling screw $\frac{3}{4}\" \times 1\"
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8. Undercut anchor
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<thead>
<tr>
<th>Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Steel stud (16 GA typical)</td>
</tr>
<tr>
<td>2</td>
<td>Perimeter anchor</td>
</tr>
<tr>
<td>3</td>
<td>Alpha V wall bracket</td>
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<tr>
<td>4</td>
<td>Alpha V+ wall bracket</td>
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<tr>
<td>5</td>
<td>st/st self-drilling screw 3/16&quot;x3/4&quot;</td>
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<td>Fixing screw 3/16&quot;x1&quot;</td>
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