Alpha Vci.44 System
### 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>3 5/8&quot; (84mm)</td>
<td>4 7/8&quot; (112mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 050 / Alpha V+ 050</td>
<td>3 5/8&quot; (90mm)</td>
<td>5&quot; (127mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 080 / Alpha V+ 080</td>
<td>4 3/4&quot; (120mm)</td>
<td>6 3/4&quot; (157mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 100 / Alpha V+ 100</td>
<td>5 3/4&quot; (140mm)</td>
<td>7&quot; (177mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 115 / Alpha V+ 115</td>
<td>6 3/8&quot; (155mm)</td>
<td>7 3/8&quot; (192mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 135 / Alpha V+ 135</td>
<td>6 1/8&quot; (175mm)</td>
<td>8 1/8&quot; (212mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 150 / Alpha V+ 150</td>
<td>7 3/8&quot; (190mm)</td>
<td>8 5/8&quot; (227mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 170 / Alpha V+ 170</td>
<td>8 1/8&quot; (210mm)</td>
<td>9 1/8&quot; (247mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 185 / Alpha V+ 185</td>
<td>8 5/8&quot; (225mm)</td>
<td>10 1/8&quot; (262mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 200 / Alpha V+ 200</td>
<td>9 1/8&quot; (240mm)</td>
<td>10 1/8&quot; (277mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 220 / Alpha V+ 220</td>
<td>10 1/8&quot; (260mm)</td>
<td>11 1/8&quot; (297mm)</td>
<td>1 11/16&quot; (37mm)</td>
<td>varies</td>
</tr>
<tr>
<td>Alpha V 255 / Alpha V+ 255</td>
<td>11 1/8&quot; (295mm)</td>
<td>1 1/16&quot; (332mm)</td>
<td>1 11/16&quot; (37mm)</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 3/8"x2"*
6. st/st self-drilling screw 3/8"x1"
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw 3/16"x1"
26. Rivet
D - System depth
R - Carrier rail and hanger

* ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw 3/16"x1"
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 3/8"x3/4"
6. st/st self-drilling screw 3/4"x1"
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw 3/16"x1"
26. Rivet

D - System depth
t - Panel thickness
R - Carrier rail and hanger

* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw 3/16"x1"
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 \( \frac{3}{16} \times \frac{3}{4} \)" x 24"
6. st/st self-drilling screw \( \frac{1}{4} \times 1" \)
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw \( \frac{3}{16} \times 1" \)
26. Rivet
27. Carrier rail and hanger

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

Page: 05
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 3/16"x1"
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw 3/16"x1"
26. Rivet

D - System depth
R - Carrier rail and hanger

* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw 3/16"x1"
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 3/16"x1"
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw 3/16"x1"
26. Rivet

D - System depth
R - Carrier rail and hanger

Option 1

Option 2

D - System depth
R - Carrier rail and hanger

- Ventilation will vary based on insulation depth.
- Minimum ventilation requirement should be qualified by panel manufacturer.
- One of adjustable hangers per panel to be fixed with fixing screw 3/16"x1"
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”x2”
6. st/st self-drilling screw 3/16”x1”
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw 3/16”x1”
26. Rivet
D - System depth
R - Carrier rail and hanger

* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw 3/16”x1”

Revision: 09/2017
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 $\frac{3}{16}$"x$\frac{3}{4}$"
6. st/st self-drilling screw $\frac{1}{8}$"x1"
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw $\frac{3}{16}$"x1"
26. Rivet
D - System depth
R - Carrier rail and hanger

* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw $\frac{3}{16}$"x1"
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 5/32"x1"
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw 3/16"x1"
26. Rivet

D - System depth
R - Carrier rail and hanger

1" min of perforation

Ventilation will vary based on insulation depth.
Minimum ventilation requirement should be qualified by panel manufacturer.
One of adjustable hangers per panel to be fixed with fixing screw 3/16"x1"
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 $\frac{3}{8}'' \times 3\frac{3}{4}''$
6. st/st self-drilling screw $\frac{3}{4}'' \times 1''$
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw $\frac{3}{16}'' \times 1''$
26. Rivet

D - System depth
t - Panel thickness
R - Carrier rail and hanger

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

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Window head (option 2)


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 $\frac{3}{8}'' \times 3\frac{3}{4}''$
6. st/st self-drilling screw $\frac{3}{4}'' \times 1''$
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw $\frac{3}{16}'' \times 1''$
26. Rivet

D - System depth
t - Panel thickness
R - Carrier rail and hanger

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

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Window head (option 2)

**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 \( \frac{1}{2} \times 1" \)
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. 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 - Carrier rail and hanger

* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable 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 3/16”x3/4”
6. st/st self-drilling screw ¼”x1”
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. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
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26. Rivet

D - System depth
r - Panel thickness
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* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw 3/16”x1”
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
13. Outer corner closure
14. Inner corner closure
15. Jamb closure
16. L-profile clip
17. Coping
18. Perforated window head closure
19. Window sill
20. Perforated base closure
21. Carrier rail
22. Hanger, adjustable
23. Hanger, non-adjustable
24. Leveling bolt M6
25. Fixing screw $\frac{3}{16}\times1$*
26. Rivet

D - System depth
R - Panel thickness
** - Carrier rail and hanger
* Ventilation will vary based on insulation depth.
** Minimum ventilation requirement should be qualified by panel manufacturer.
*** One of adjustable hangers per panel to be fixed with fixing screw $\frac{3}{16}\times1$*