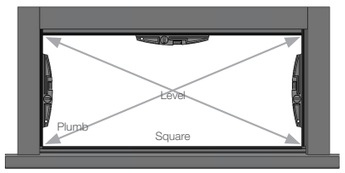
Timber Bi-Fold

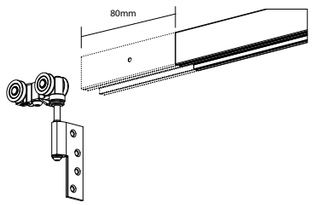
Installation Instructions – Jamb Pivots

80Kg Series

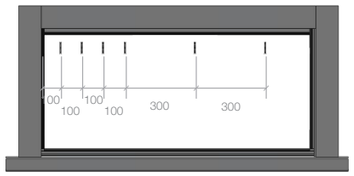
1. Install frame square, level, plumb, and free of twist



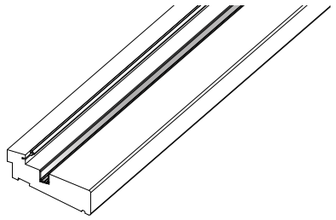
2. Cut 80mm off the end of the top track and screw on seprately from the large piece. This is for installing and maintaining hardware.



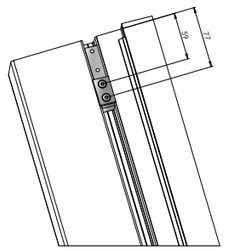
3. Screw long piece of top track to frame with 10g CSK screws at 100mm centres for each panel, then at 300mm centres thereafter.



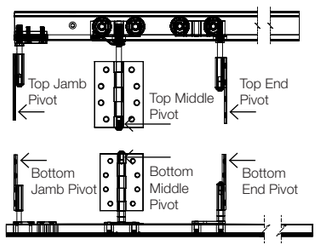
4. Fix bottom track with 8g CSK screws 100mm from ends and at 400mm centres - fully bed screws in sealant. Seal under track. Provide sill track drainage.



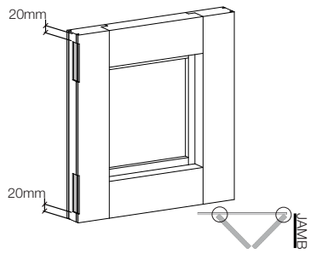
5. Fitting jamb pivot, drill and tap two M5 holes in the centre of bottom track as shown. Install bottom jamb pivot block. Seal fixing screw holes.



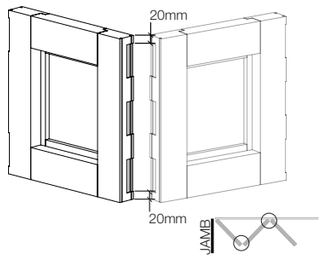
6. Clean track thoroughly. Next install hardware through gap left by track, then use jamb pivot to hold small piece of track in place while screwing.



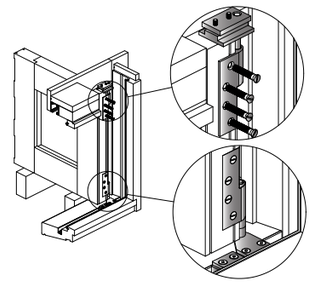
7. Mortise panel hinges to edge of panels. Mortise is 100 x 28 x 3.0mm.



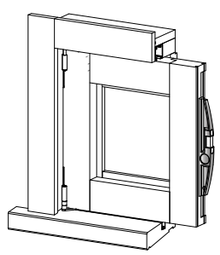
8. Mortise panel hinges continued...



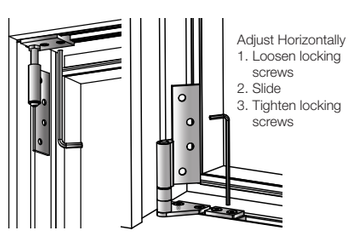
9. Load up and fix end panel to jamb pivots.



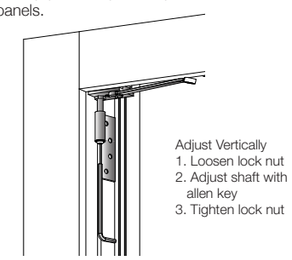
10. Adjust the top and bottom pivots to square the panel.



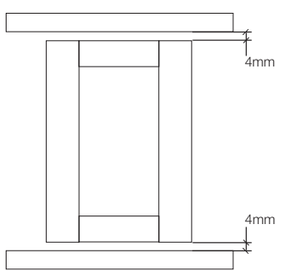
11. Adjust pivot panel continued



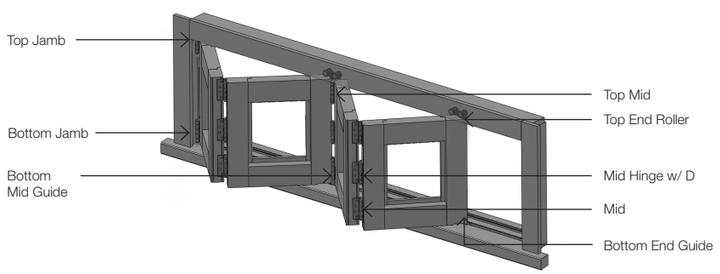
12. Adjust the height of the pivot panel by adjusting the top pivot. Repeat steps 10-12 for remaining panels.



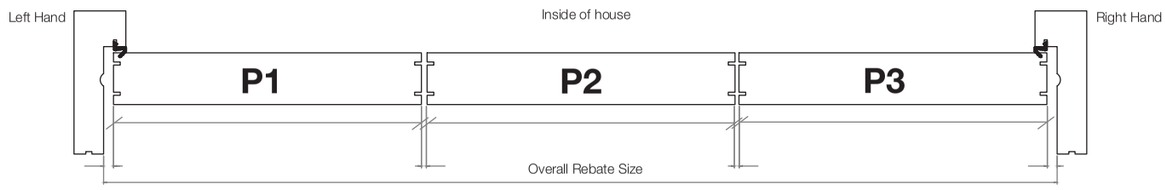
13. Panel heights, need to allow 4mm at the top and bottom of a panel for clearance.

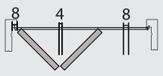
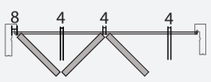
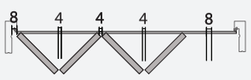
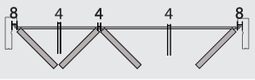
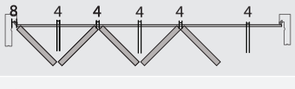
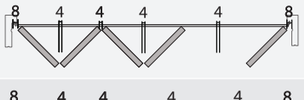
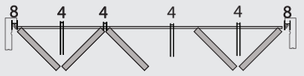
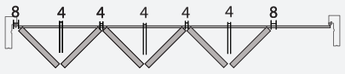
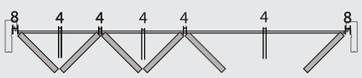
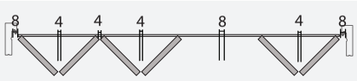
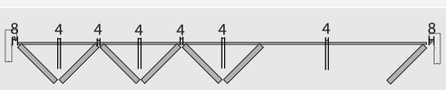
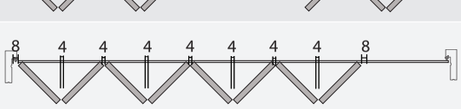


14. Complete Four Panel Installation.



Timber Bi-Fold Configurations and Panel Sizes – Jamb Pivots



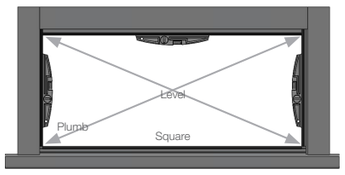
	Seal Gaps	Panel Size Calculations (Including Seal Gaps)	Recommended Hardware Configurations (For panels up to 2.1m high)		
2 panel		P1 = rebate/2 - 10 P2 = rebate/2 - 10	1x Jamb Pivot Set (JP1LH) 1x End Pivot Set (RP11ELH)	2x Mid Hinge 1x D Handle Mid Hinge	(HS10075) (HS10075D)
3 panel		P1 = rebate/3 + 2 P2 = rebate/3 - 11 P3 = rebate/3 - 11	1x Jamb Pivot Set (JP1LH) 1x Mid Pivot Set (RP11M)	3x Mid Hinge 1x D Handle Mid Hinge	(HS10075) (HS10075D)
2+1 panel		P1 = rebate/3 - 8 P2 = rebate/3 - 8 P3 = rebate/3 - 8	2x Jamb pivot set (JP1LH/RH) 1x End Pivot Set (RP11ELH)	2x Mid Hinge 1x D Handle Mid Hinge	(HS10075) (HS10075D)
4 panel		P1 / P4 = rebate/4 - 1 P2 / P3 = rebate/4 - 13	1x Jamb Pivot Set (JP1LH) 1x Mid Pivot Set (RP11M) 1x End Pivot Set (RP11ELH)	5x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
3+1 panel		P1 = rebate/4 + 2 P2,3,4 = rebate/4 - 10	2x Jamb Pivot Set (JP1LH/RH) 1x Mid Pivot Set (RP11M)	3x Mid Hinge 1x D Handle Mid Hinge	(HS10075) (HS10075D)
2+2 panel		P1, 2, 3, 4 = rebate/4 - 8	2x Jamb Pivot Set (JP1LH/RH) 2x End Pivot Set (RP11ELH/RH)	4x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
5 panel		P1 = rebate/5 + 4 P2,3,4,5 = rebate/5 - 8	1x Jamb Pivot Set (JP1LH) 2x Mid Pivot Set (RP11M)	6x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
4+1 panel		P1 / P4 = rebate/5 + 1 P2,3,5 = rebate/5 - 11	2x Jamb Pivot Set (JP1LH/RH) 1x Mid Pivot Set (RP11M) 1x End Pivot Set (RP11ELH)	5x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
3+2 panel		P1 = rebate/5 + 3 P2,3,4,5 = rebate/5 - 9	2x Jamb Pivot Set (JP1LH/RH) 1x Mid Pivot Set (RP11M) 1x End Pivot Set (#11151)	5x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
6 panel		P1 / P6 = rebate/6+2 P2,3,4,5 rebate/6-10	1x Jamb Pivot Set (JP1LH) 2x Mid Pivot Set (RP11M) 1x End Pivot Set (RP11ELH)	8x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
5+1 panel		P1 = rebate/6 + 4 P2,3,4,5,6 = rebate/6-8	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M)	6x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
4+2 panel		P1 / P4 = rebate/6 + 1 P2,3,5,6 = rebate/6 - 11	2x Jamb Pivot Set (JP1LH/RH) 1x Mid Pivot Set (RP11M) 2x End Pivot Set (RP11ELH/RH)	7x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
3+3 panel		P1 / P6 = rebate/6 +2 P2,3,4,5= rebate/6-10	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M)	6x Mid Hinge 2x D Handle Mid Hinge	(HS10075) (HS10075D)
7 panel		P1 = rebate/7 + 5 P2,3,4,5,6,7=rebate/7-7	1x Jamb Pivot Set (JP1LH) 3x Mid Pivot Set (RP11M)	9x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
6+1 panel		P1 / P6 = rebate/7 + 3 P2,3,4,5,7 = rebate/7-9	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M) 1x End Pivot Set (RP11ELH)	8x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
5+2 panel		P1 = rebate/7 + 5 P2,3,4,5,6,7=rebate/7-7	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M) 1x End Pivot Set (#11151)	8x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
4+3 panel		P1,4,7 = rebate/7 + 1 P2,3,5, 6 = rebate/7- 11	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M) 1x End Pivot Set (RP11ELH)	8x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
8 panel		P1 / P8 = rebate/8 + 3 P2,3,4,5,6,7=rebate/6-9	1x Jamb Pivot Set (JP1LH) 3x Mid Pivot Set (RP11M) 1x End Pivot Set (RP11ELH)	11x Mid Hinge 4x D Handle Mid Hinge	(HS10075) (HS10075D)
7+1 panel		P1 = rebate/8 + 5 P2-8=rebate/8-7	2x Jamb Pivot Set (JP1LH/RH) 3x Mid Pivot Set (RP11M)	9x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
6+2 panel		P1,6 = rebate/8 + 3 P2,3,4,5,7,8 = rebate/8-9	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M) 2x End Pivot Set (RP11ELH/RH)	10x Mid Hinge 4x D Handle Mid Hinge	(HS10075) (HS10075D)
5+3 panel		P1 / 8 = rebate/8 + 3 P2,3,4,5,6,7=rebate/8-9	2x Jamb Pivot Set (JP1LH/RH) 3x Mid Pivot Set (RP11M)	9x Mid Hinge 3x D Handle Mid Hinge	(HS10075) (HS10075D)
4+4 panel		P1,4,5,8 = rebate/8 + 0 P2,3,6,7 = rebate/8 - 12	2x Jamb Pivot Set (JP1LH/RH) 2x Mid Pivot Set (RP11M) 2x End Pivot Set (RP11ELH/RH)	10x Mid Hinge 4x D Handle Mid Hinge	(HS10075) (HS10075D)

Timber Bi-Fold

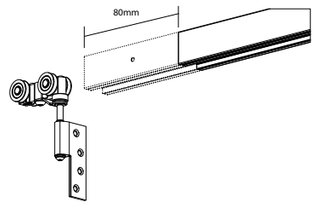
Installation Instructions Using Jamb Hinges

80Kg Series

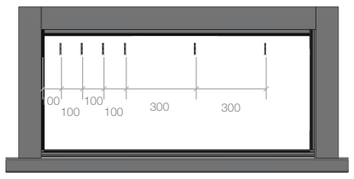
1. Install frame square, level, plumb, and free of twist



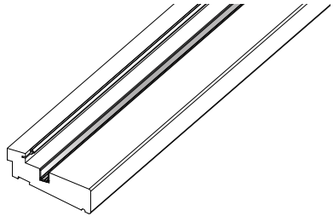
2. Cut 80mm off the end of the top track and screw on separately from the large piece. This is for installing and maintaining hardware.



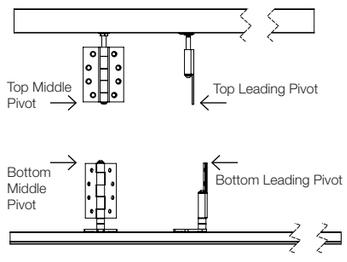
3. Screw long piece of top track to frame with 10g CSK screws at 100mm centres for each panel, then at 300mm centres thereafter.



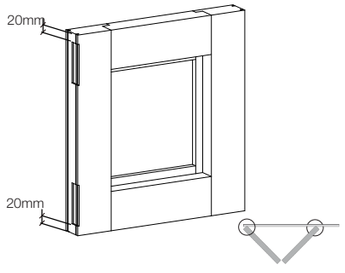
4. Fix bottom track with 8g CSK screws 100mm from ends and at 400mm centres - fully bed screws in sealant. Seal under track. Provide sill track drainage.



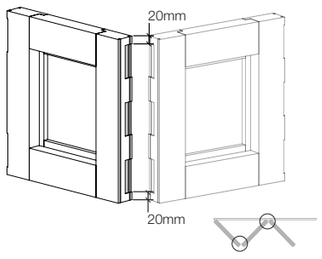
5. Clean track thoroughly. Next install hardware in correct orientation using the notch cut earlier.



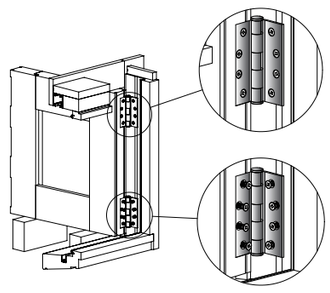
6. Mortise panel hinges to edge of panels. Mortise is 100 x 28 x 3.0mm



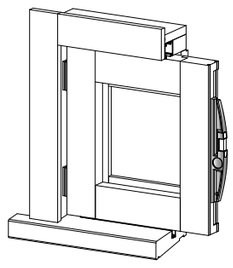
7. Mortise panel hinges continued...



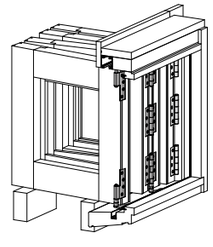
8. Load up and fix end panel to jamb via hinges.



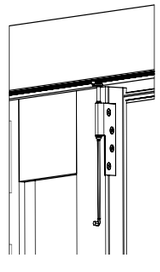
9. Ensure the panel is square, pack hinges if necessary.



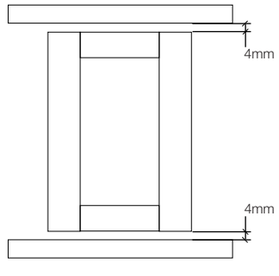
10. Fit subsequent panels and align door by adjusting all top hangers.



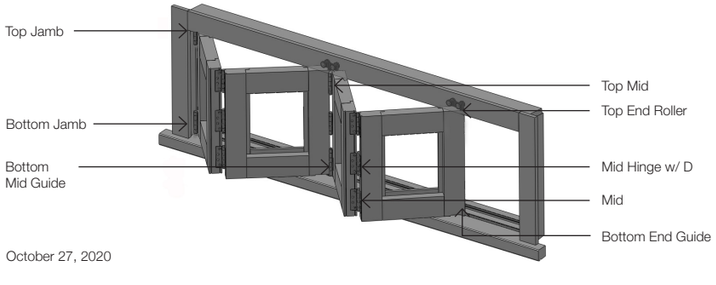
11. Adjusting top hanger by lifting door from bottom, then turn screw with allen key.



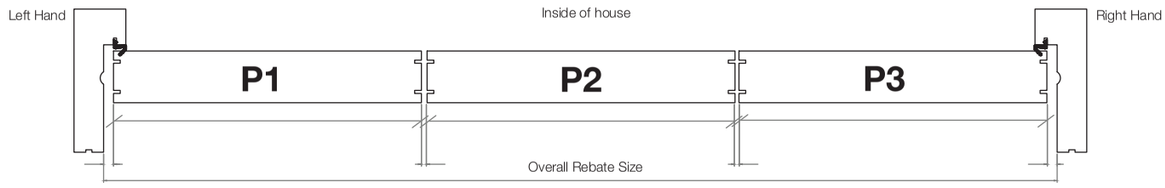
12. Panel heights, need to allow 4mm at the top and bottom of a panel for clearance.

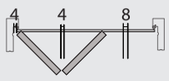
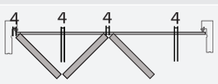
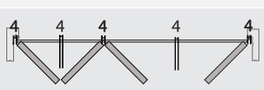
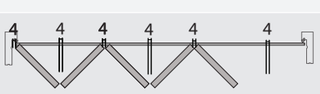
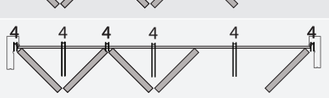
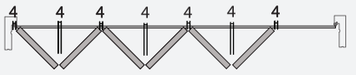
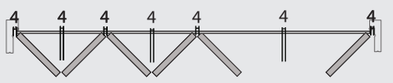
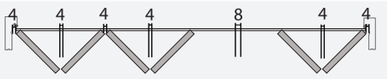
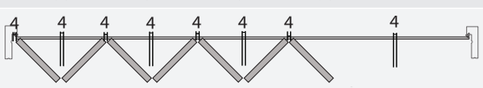
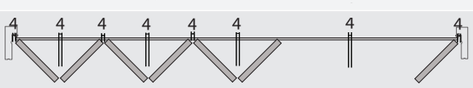
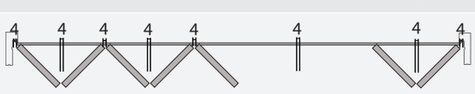
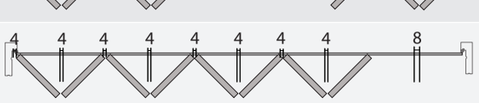
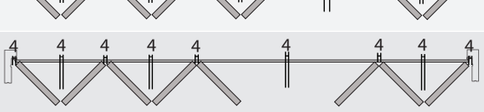
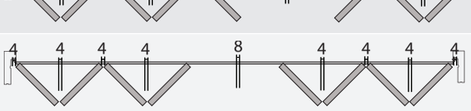


14. Complete Four Panel Installation.



Timber Bi-Fold Configurations and Panel Sizes Using Jamb Hinges



	Seal Gaps	Panel Size Calculations (Including Seal Gaps)	Recommended Hardware Configurations (For panels up to 2.1m high)		
2 panel		P1 = rebate/2 - 14 P2 = rebate/2 - 2	1x End Pivot Set (#RP11ELH)	5x Hinge 1x D Handle Hinge	(#HS10075) (#HS10075D)
3 panel		P1 = rebate/3 - 5 P2 = rebate/3 - 5 P3 = rebate/3 - 5	1x Mid Pivot Set (#RP11M)	6x Hinge 1x D Handle Hinge	(#HS10075) (#HS10075D)
2+1 panel		P1 = rebate/3 - 9 P2 = rebate/3 + 3 P3 = rebate/3 - 9	1x End Pivot Set (#RP11ELH)	8x Hinge 1x D Handle Hinge	(#HS10075) (#HS10075D)
4 panel		P1 = rebate/4 - 9 P2 = rebate/4 - 9 P3 = rebate/4 - 9 P4 = rebate/4 + 3	1x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	8x Hinge 2x D Handle Hinge	(#HS10075) (#HS10075D)
3+1 panel		P1, 2, 3, 4 = rebate/4 - 5	1x Mid Pivot Set (#RP11M)	9x Hinge 1x D Handle Hinge	(#HS10075) (#HS10075D)
2+2 panel		P1 = rebate/4 - 12 P2 = rebate/4 + 0 P3 = rebate/4 + 0 P4 = rebate/4 - 12	2x End Pivot Set (#RP11ELH/RH)	10x Hinge 2x D Handle Hinge	(#HS10075) (#HS10075D)
5 panel		P1,2,3,4,5 = rebate/5 - 5	2x Mid Pivot Set (#RP11M)	9x Hinge 2x D Handle Hinge	(#HS10075) (#HS10075D)
4+1 panel		P1,2,3,5 = rebate/5 - 7 P4 = rebate/5 + 5	1x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	11x Hinge 2x D handle Hinge	(#HS10075) (#HS10075D)
3+2 panel		P1,2,3,5 = rebate/5 - 7 P4 = rebate/5 + 5	1x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	11x Hinge 2x D Handle Hinge	(#HS10075) (#HS10075D)
6 panel		P1,2,3,4,5 = rebate/6 - 7 P6 = rebate/6 + 6	2x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	11x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
5+1 panel		P1,2,3,4,5,6 = rebate/6 - 5	2x Mid Pivot Set (#RP11M)	12x Hinge 2x D Handle Hinge	(#HS10075) (#HS10075D)
4+2 panel		P4 / P5 = rebate/6 + 2 P1,2,3,6 = rebate/6 - 9	1x Mid Pivot Set (#RP11M) 2x End Pivot Set (#RP11ELH/RH)	13x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
3+3 panel		P1,2,3,4,5,6=rebate/6-5	2x Mid Pivot Set (#RP11M)	12x Hinge 2x D Handle Hinge	(#HS10075) (#HS10075D)
7 panel		P1,2,3,4,5,6,7=rebate/7-5	3x Mid Pivot Set (#RP11M)	12x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
6+1 panel		P6 = rebate/7 + 6 P1,2,3,4,5,7=rebate/7-6	2x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	14x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
5+2 panel		P6 = rebate/7 + 6 P1,2,3,4,5,7=rebate/7-6	2x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ERH)	14x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
4+3 panel		P4 = rebate/7 + 6 P1,2,3,5,6,7=rebate/7-6	2x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	14x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
8 panel		P8 = rebate/8 + 6 P1,2,3,4,5,6,7 = rebate/6	3x Mid Pivot Set (#RP11M) 1x End Pivot Set (#RP11ELH)	14x Hinge 4x D Handle Hinge	(#HS10075) (#HS10075D)
7+1 panel		P1,2,3,4,5,6,7,8=rebate/8-4	3x Mid Pivot Set (#RP11M)	15x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
6+2 panel		P6 / 7 = rebate/8 + 4 P1,2,3,4,5,8=rebate/8-8	2x Mid Pivot Set (#RP11M) 2x End Pivot Set (#RP11ELH/RH)	16x Hinge 4x D Handle Hinge	(#HS10075) (#HS10075D)
5+3 panel		P1,2,3,4,5,6,7,8=rebate/8-4	3x Mid Pivot Set (#RP11M)	15x Hinge 3x D Handle Hinge	(#HS10075) (#HS10075D)
4+4 panel		P4 /5 = rebate/8 + 4 P1,2,3,6,7,8 = rebate/8-8	2x Mid Pivot Set (#RP11M) 2x End Pivot Set (#RP11ELH/RH)	16x Hinge 4x D Handle Hinge	(#HS10075) (#HS10075D)

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