Ablum

Wood/wide aluminum frame door application

Required Parts

Lift mechanism set	1		
	Power factor range (1 lift)	Power factor range (2 lifts)	Part no.
r i	17 — 60	34 — 120	20K1101
	61 — 112	121 — 224	20K1301
	113 — 156	225 — 312	20K1501

Cabinet mounting plate				
	Frameless	Part no.		
	Screw-on	20K5101		
	EXPANDO (Ø5 dowel)	20K51E1		
	Face frame	Part no.		
	Screw-on	20K5501		

Door mounting plat	re	
		Part no.
	Screw-on	20K4101
	NOTE: For use with large overlay five-piece doors	Part no.
	Screw-on	20K4501

Hinge recommendations		
	CLIP top BLUMOTION 110°	Part no.
	Press-in	71B3580
	Hinge mounting plate	Part no.
	EXPANDO (Ø5 dowel)	177H3100E
	COMPACT BLUMOTION 39C	Part no.
	32 (1-1/4") Overlay, Press-in	39C358B.20
	COMPACT BLUMOTION 38N	Part no.
•	13 (1/2") Overlay, Press-in	38N358B.08





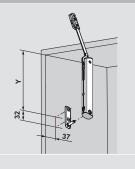
AWARNING

Risk of injury from spring-loaded arm

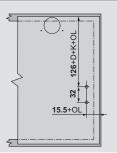
- Do not push arm assembly down or leave in the down position
- Remove mechanism before installing or removing cabinet

Lift mechanism

CLIP top Frameless



Door mounting plate

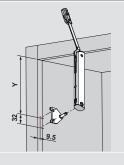


Y = 137 + D + K

Attach using #6 x 5/8" (606N/P) wood screw

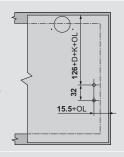
Lift mechanism

CLIP top Face frame



Door mounting plate

When using large overlay mounting plate (20K4501) hole location is offset by 19 (15.5 + OL - 19)



Y = 169 + D + K

Attach using #6 x 5/8" (606N/P) wood screw

Lift mechanism

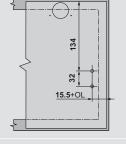
COMPACTFace frame

- *Location when using COMPACT 39/38C
- **Location when using COMPACT 38N



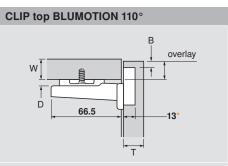
Door mounting plate

When using large overlay mounting plate (20K4501) hole location is offset by 19 (15.5 + OL - 19)



Attach using #6 x 5/8" (606N/P) wood screw

Abbre	eviatio	ons					
W	= :	Side panel width	K	=	Hinge arm crank		
Т	=	Door thickness	OL	=	Overlay		
D	=	Mounting plate height	K = Hinge arm crank				
			Straight arm crank		=	0	
			Half-cranked arm		=	9.5	
			Full-cranked arm		=	18	

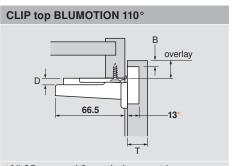


*All 35 mm and 8 mm holes must be a minimum of 13 deep

Minimum Reveal Table

CLIP top BLUMOTION 110°					
3	0.5	1.0	1.8	2.7	4.3
4	0.5	1.0	1.7	2.5	3.8
5	0.5	0.9	1.7	2.4	3.4
6	0.5	0.9	1.6	2.3	3.2
7	0.5	0.9	1.6	2.2	3.0
B =	16	19	22	24	26
boring distance	T = door thickness				

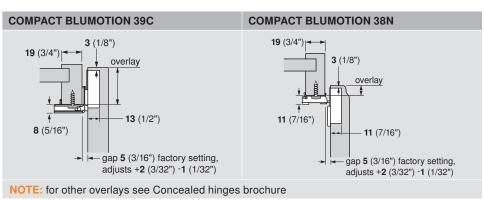
For thickness greater than 26 trial app. recommended

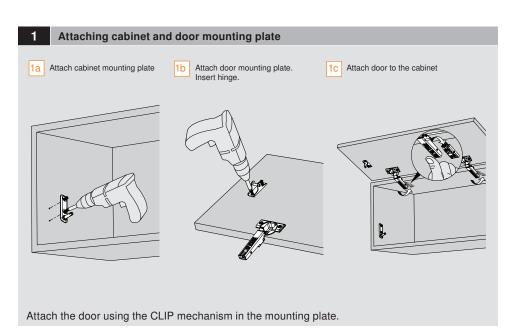


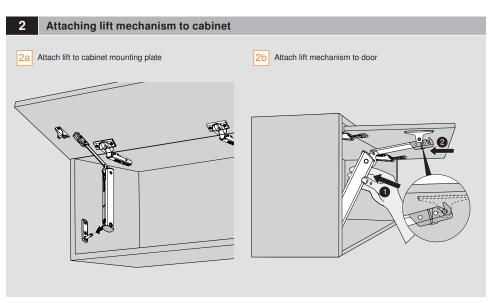
*All 35 mm and 8 mm holes must be a minimum of 13 deep

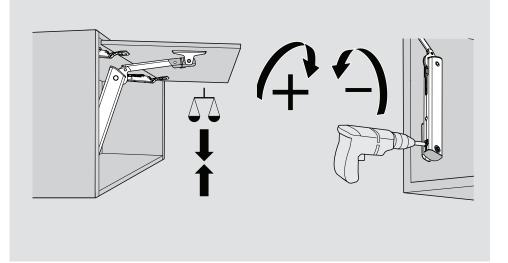
COMPACT BLUMOTION 39C			
3 (1/8") 5.5 (7/32")			
	19 (3/4")		
B = boring distance	T = door thickness		

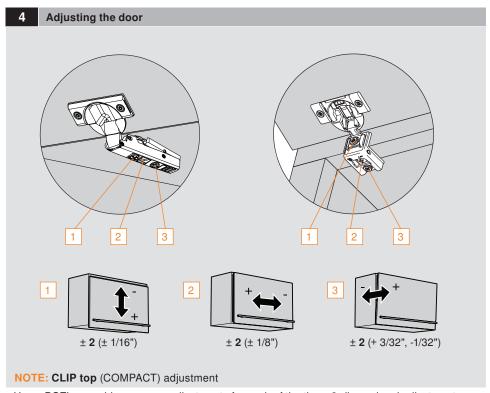
COMPACT BLUMOTION 38N			
3 (1/8") 7 (9/32")			
	19 (3/4")		
B = boring distance	T = door thickness		











Use a POZI screwdriver on cam adjustments for each of the three 3-dimensional adjustments.



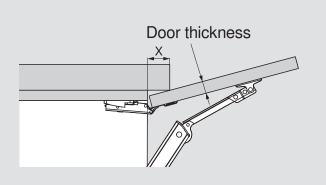


AWARNING

Risk of injury from spring-loaded arm

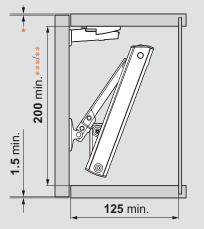
- Do not push arm assembly down or leave in the down position
 Remove mechanism before installing or removing cabinet
- Removing the door Remove arm from cabinet mounting plate В Remove lift mechanism from door

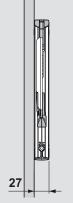
Cornice and crown molding clearance



Door thickness	16	19	22	24
X	45	34	23	15

Space Requirements





- * Minimum top reveal based on thinge used. Please see minimum reveal specs in Concealed hinges brochure
- ** Minimum internal height: 216 for 110° with 20K5501
- ***Minimum internal height: 225 for COMPACT with 20K5501

Blum, Inc. 800-438-6788 sales.us@blum.com blum.com

In	mm				
1/32	.031				
1/16	.063	1.5			
3/32	.094	2			
1/8	.125	3			
5/32	.156	4			
3/16	.188	5			
7/32	.219	5.5			
1/4	.25	6			
9/32	.281	7			
5/16	.313	8			
11/32	.344	9			
3/8	.375	9.5			
13/32	.406	10			
7/16	.438	11			
15/32	.469	12			
1/2	.5	13			
17/32	.531	13.5			
9/16	.563	14			
19/32	.594	15			
5/8	.625	16			
21/32	.656	17			
11/16	.688	17.5			
23/32	.719	18			
3/4	.75	19			
25/32	.781	20			
13/16	.813	20.5			
27/32	.844	21			
7/8	.875	22			
29/32	.906	23			
15/16	.938	24			
31/32	.969	24.5			
1	1	25.4			