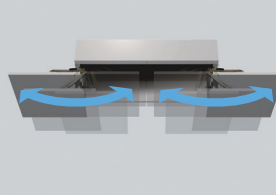


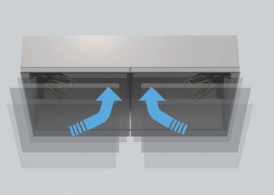


MonoFlat LIN-X hinge™

Stop in any position



Soft-closing



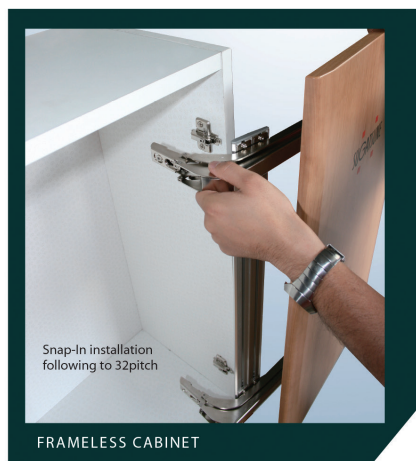
LATERAL OPENING DOOR SYSTEM

LIN-X450 / LIN-X600

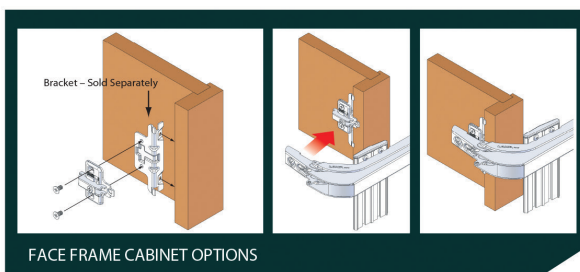
Item No.	LIN-X450	LIN-X600
Door Width	400~500 mm (15-3/4"~19-11/16")	550~650 mm (21-5/8"~25-9/16")
Door Height	600~2400 mm (23-5/8"~94-1/2")	
Door Thickness	15~24 mm (5/8"~15/16")	
Door Weight	*Max 17 kg (37.4 lbs)	*Max 24 kg (52.8 lbs)

*Max door weight will vary depending on number of hinges used.

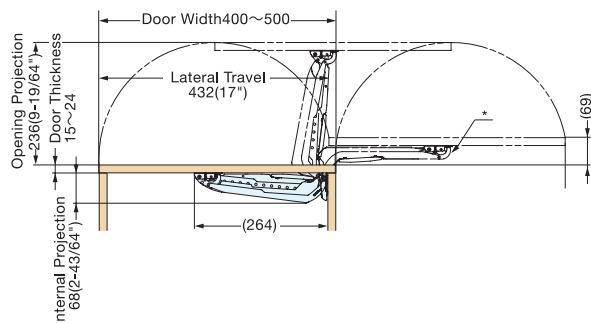
INSTALLATION



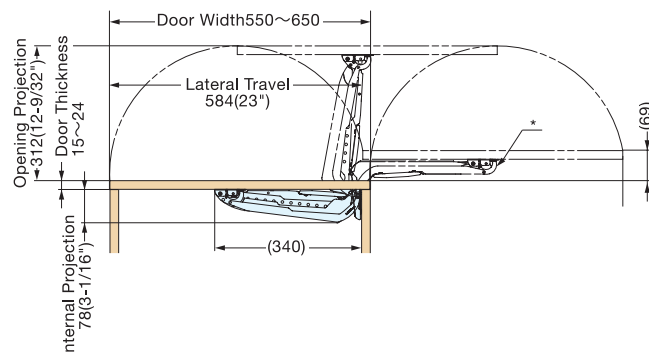
- **Lateral Swing Mechanism**
Allows doors to swing out laterally in a small radius, ideal for tight front space application.
- **Full Access to Cabinet**
Door will not get in the way when fully opened providing full access to the cabinet.
- **Free Swing & Soft-close**
- **Easy Installation**
Designed for standard 32 mm system mounting, with snap-on hinge.
- **4-Way Adjustable**
3-way adjustable like concealed hinges and also with parallel adjustment.
- **Various Applications**
Can be used in single or double door configuration. Ideal for cabinets in kitchen, bathroom, laundry room etc.
*For overlay use.



■ LIN-X450



■ LIN-X600



Application

Kitchen Corner (Inside)



LATERAL OPEN
CABINET HARDWARE

LATERAL OPENING DOOR SYSTEM LIN-X HINGES

Kitchen Corner (Outside)



Kitchen



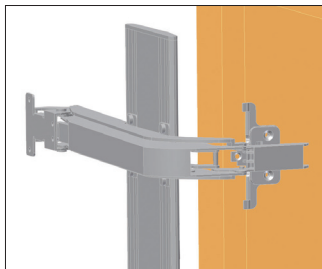
TV Base Cabinet



TV Cabinet



■ Face Frame Bracket

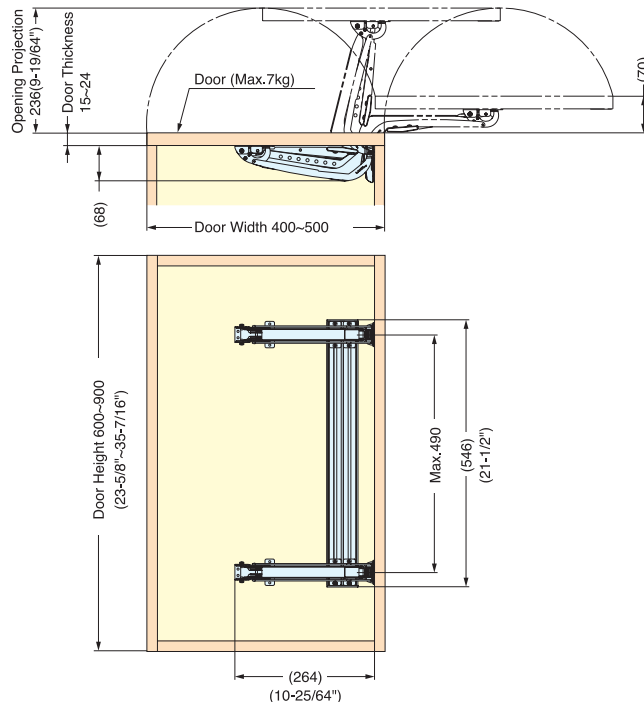
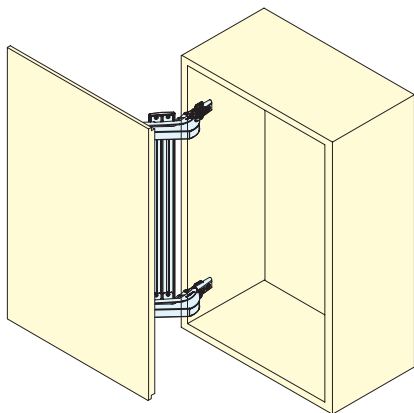


Item No.	Material
FFCB-HG-1	304 Stainless Steel

LATERAL OPENING DOOR SYSTEM

LIN-X450

Standard Kit



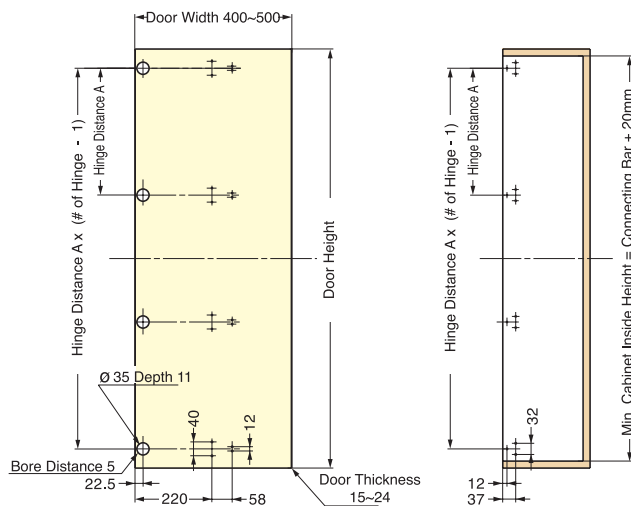
Item No.	Overlay	Material	Finish
LIN-X450	19 mm (3/4")	Steel/Aluminum	Nickel/Anodized
LIN-X450+5	14 mm (5/64")		

Door Width	400~500 mm (15-3/4"~19-11/16")
Door Height	600~900 mm (23-5/8"~35-7/16")
Door Thickness	15~24 mm (5/8"~15/16")
Door Weight	Max. 7 kg (15.4 lbs) / Door

*Can be used on heavier / taller doors by adding hinge arms.
Please see below for details.

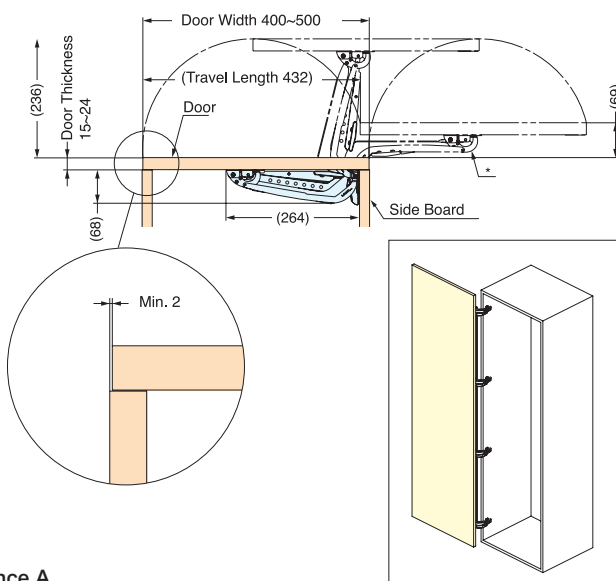
Individual Parts for Tall / Heavy Door

Door Preparation



Hinge in middle should be positioned at or equally distributed from center of door.

Cabinet Preparation



Hinge Distance A

Door Width	400~500 mm (15-3/4"~19-11/16")
Door Height	600~2400 mm (23-5/8"~94-1/2")
Door Thickness	15~24 mm (5/8"~15/16")
Door Weight	Max. 17 kg (37.4 lbs)

# of Hinges	Length of Connecting Bar (mm)					
	540	840	1140	1440	1740	2040
2 pcs	490.0	790.0	1090.0	-	-	-
3 pcs	245.0	395.0	545.0	695.0	845.0	-
4 pcs	-	263.3	363.3	463.3	563.3	663.3
5 pcs	-	-	272.5	347.5	422.5	497.5

Individual Parts - Ordering Chart

Ordering Info

Use corresponding letter in below table, and see "Parts Breakdown Table" for parts to be ordered.

Door Height	Door Weight				Connecting Bar / Cover Cap
	~15.5 lbs (~7.0 kg)	15.6~23.0 lbs (7.1~10.5 kg)	23.1~31 lbs (10.6~14.0 kg)	31.1~37.4 lbs (14.1~17.0 kg)	
23-5/8"~35-7/16" (600~900 mm)	LIN-X450 Standard Set Connecting Bar & Cover included	B			LIN-X450-L540 1 pc LIN-X450C 2 pcs
35-7/16"~47-1/4" (901~1200 mm)	A	B	C		LIN-X450-L840 1 pc LIN-X450C 2 pcs
47-1/4"~59-3/64" (1201~1500 mm)	A	B	C	D	LIN-X450-L1140 1 pc LIN-X450C 2 pcs
59-3/64"~70-7/8" (1501~1800 mm)	B	B	C	D	LIN-X450-L1440 1 pc LIN-X450C 2 pcs
70-7/8"~82-11/16" (1801~2100 mm)	B	B	C	D	LIN-X450-L1740 1 pc LIN-X450C 2 pcs
82-11/16"~94-1/2" (2101~2400 mm)	C	C	C	D	LIN-X450-L2040 1 pc LIN-X450C 2 pcs

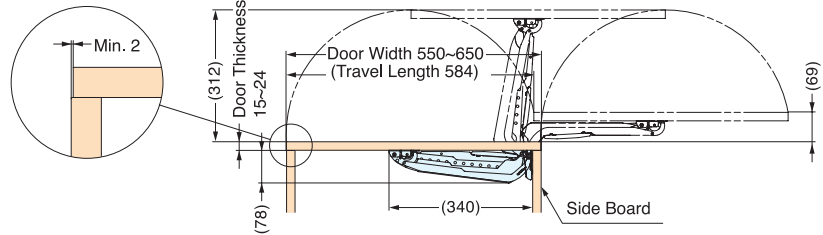
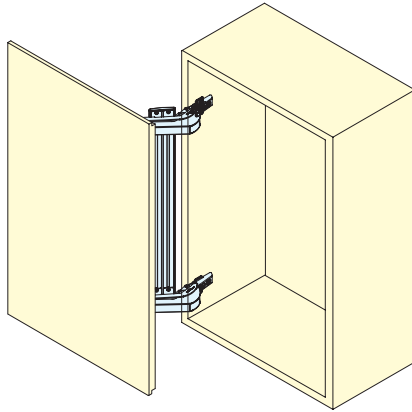
Parts Breakdown Table

Item Number	Description		Qty Required			
			A	B	C	D
LIN-X450ACD	Single Arm (with Damper)		2	3	3	3
LIN-X450A	Single Arm (without Damper)		-	-	1	2
230-P4W-32T (for 19 mm overlay) or 230-P4W-32T+5 (for 14 mm overlay)	Mounting Plate *Requires 3 pcs of TAP3515NI Screw 3.5 × 15NI (Sold separately) per Mounting Plate		2	3	4	5
LIN-X450-L540	Connecting Bar L=540 mm		See table above			
LIN-X450-L840	Connecting Bar L=840 mm					
LIN-X450-L1140	Connecting Bar L=1140 mm					
LIN-X450-L1440	Connecting Bar L=1440 mm					
LIN-X450-L1740	Connecting Bar L=1740 mm					
LIN-X450-L2040	Connecting Bar L=2040 mm					
LIN-X450C	End Cap for Connecting Bar		2			

LATERAL OPENING DOOR SYSTEM

LIN-X600

Standard Kit



Please note handle position on other doors before installation, so that hinges will not interfere with the handles.

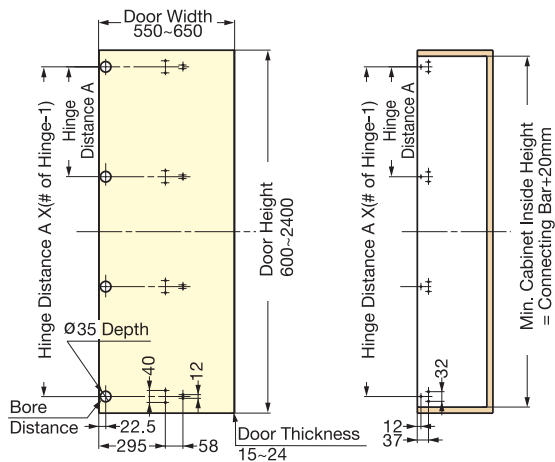
Item No.	Overlay	Material	Finish
LIN-X600	19 mm (3/4")	Steel, Aluminum	Nickel, Anodized

Included Parts: 2 each of Hinge Arms, Mounting Plates, Cup Covers, Bar End Caps and 1 Connecting Bar.

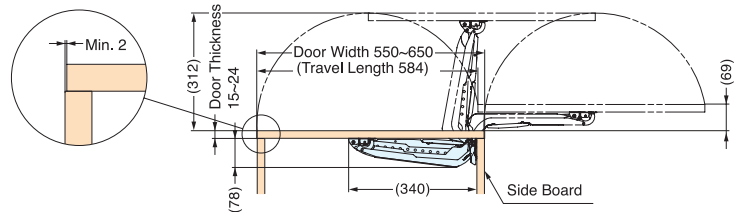
Door Width	550~650 mm (21-5/8"~25-9/16")
Door Height	600~900 mm (23-5/8"~35-7/16")
Door Thickness	15~24 mm (5/8"~15/16")
Door Weight	MAX. 9 kg (19.8 lbs) / Door

Individual Parts for Tall / Heavy Door

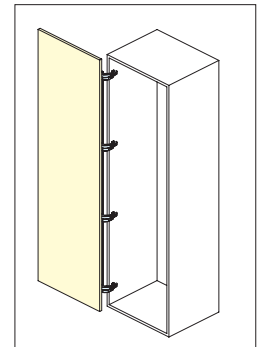
Door Preparation



Cabinet Preparation



Please note handle position on other doors before installation, so that hinges will not interfere with the handles.



Door Width	550~650 mm (21-5/8"~25-9/16")
Door Height	600~2400 mm (23-5/8"~94-1/2")
Door Thickness	15~24 mm (5/8"~15/16")
Door Weight	Max. 24 kg (52.8 lbs)

Hinge Distance A

# of Hinges	Length of Connecting Bar (mm)					
	540	840	1140	1440	1740	2040
2 pcs	490.0	790.0	-	-	-	-
3 pcs	245.0	395.0	545.0	695.0	845.0	-
4 pcs	-	-	363.3	463.3	563.3	663.3
5 pcs	-	-	-	347.5	422.5	497.5

Individual Parts - Ordering Chart

Ordering Info

Use corresponding letter in below table, and see "Parts Breakdown Table" for parts to be ordered.

Door Height	Door Weight					Connecting Bar / Cover Cap
	~19.9 lbs (~9.0 kg)	20.0~26.5 lbs (9.1~12.0 kg)	26.6~35.4 lbs (12.1~16.0 kg)	35.5~44.2 lbs (16.1~20.0 kg)	44.3~52.8 lbs (20.1~24.0 kg)	
23-5/8"~35-7/16" (600~900 mm)	LIN-X600 Standard Set Connecting Bar & Cover included	B				LIN-X60-L540 1 pc LIN-X60C 2 pcs
35-7/16"~47-1/4" (901~1200 mm)		B	B			LIN-X60-L840 1 pc LIN-X60C 2 pcs
47-1/4"~59-3/64" (1201~1500 mm)		B	B	C		LIN-X60-L1140 1 pc LIN-X60C 2 pcs
59-3/64"~70-7/8" (1501~1800 mm)		B	B	C	D	LIN-X60-L1440 1 pc LIN-X60C 2 pcs
70-7/8"~82-11/16" (1801~2100 mm)		B	B	C	D	LIN-X60-L1740 1 pc LIN-X60C 2 pcs
82-11/16"~94-1/2" (2101~2400 mm)		C	C	C	D	LIN-X60-L2040 1 pc LIN-X60C 2 pcs

Parts Breakdown Table

Item Number	Description		Qty Required			
			A	B	C	D
LIN-X600ACD	Single Arm (with Damper)		2	3	3	3
LIN-X600A	Single Arm (without Damper)		-	-	1	2
230-P4W-32T (for 19 mm overlay)	Mounting Plate *Requires 3 pcs of TAP3515NI Screw 3.5 x 15NI (Sold separately) per Mounting Plate		2	3	4	5
LIN-X60-L540	Connecting Bar L=540 mm		See table above			
LIN-X60-L840	Connecting Bar L=840 mm					
LIN-X60-L1140	Connecting Bar L=1140 mm					
LIN-X60-L1440	Connecting Bar L=1440 mm					
LIN-X60-L1740	Connecting Bar L=1740 mm					
LIN-X60-L2040	Connecting Bar L=2040 mm					
LIN-X60C	End Cap for Connecting Bar		2			