

**Models & Characteristics**

Model Number		Max. door dimensions	Max. door weight	Min. door thickness			
without hold open	with hold open			Steel door		Wooden door	
Install A	Install B			Install A	Install B		
CO-52	CO-152	900×2100	45	40	38	45	43
CO-53	CO-153	950×2100	65	45	38	50	43
CO-54	CO-154	1050×2400	85				

\* Install A : Standard installaiton  
 \* Install B : Top jamb installation

**Features**

- Available for steel and wooden doors. Also available for alminium door depends on the alminium frame dimension.
- Available for door up to 85kgs maximum.
- Standard installation or top jamb installation.
- Closing speed and latching speed adjustable independently for size 2, 3 and 4.
- Non-handed.
- Narrow body 31mm only for size 2, 36mm for size 3/4.
- Performance exceeds 500,000 cycles.
- Door hold open angle and door stop angle adjustable.

**Drawing**

### No.CO-52 / No.CO-152

Offset hung standard installation

applicable door size	applicable door weight
900×2100	45

maximum opening angle	Installation position					
	A	B	C	D	E	
	105° opening	255	183.5	177	158	153.5
	180° opening	195	103.5	177	98	95.5

\* use bat hinge instead of pivot hinge for 180° opening doors

### No.CO-53 / No.CO-153 No.CO-54 / No.CO-154

Offset hung standard installation

size	applicable door size	applicable door weight
3	900×2100	65
4	1050×2400	85

maximum opening angle	Installation position					
	A	B	C	D	E	
	105° opening	255	157	177	158	149
	180° opening	195	97	117	98	89

\* use bat hinge instead of pivot hinge for 180° opening doors

### Offset hung top jamb installation

maximum opening angle	Installation position					
	A	B	C	D	E	
	105° opening	255	183.5	177	158	153.5
	180° opening	195	103.5	177	98	95.5

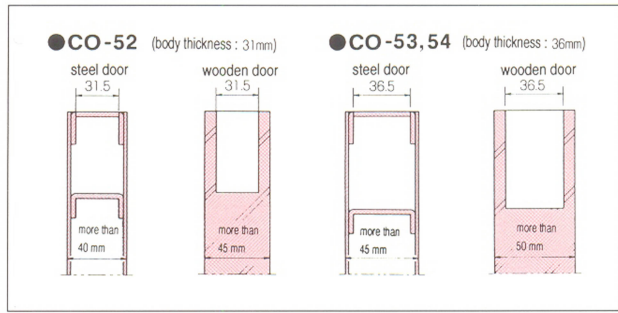
\* use bat hinge instead of pivot hinge for 180° opening doors

### Offset hung top jamb installation

maximum opening angle	Installation position					
	A	B	C	D	E	
	105° opening	255	157	177	158	149
	180° opening	195	97	117	98	89

\* use bat hinge instead of pivot hinge for 180° opening doors

**Door thickness**



**Adjusting door closing speed**

