





SOFT-CLOSE VERTICAL PARALLEL LIFT-UP DOOR SYSTEM

TCH-311012 129.S



Features

- Vertical parallel lift-up motion
- Free-stop function 60°–110°
- Adjustable soft-closing damping
- Force adjustment
- No hinges required
- 3D adjustment capability
- Compact, space-saving design
- Compatible cabinet dimensions
 - Height: (16") 410 mm to (24") 600 mm
 - Maximum cabinet width: (47 1/4") 1200 mm
 - Front weight: (5.3 lb - 23.0 lb) 2.4 kg - 10.5 kg
- Sold as a set

Color options



Dark Gray



Light Gray



White

Usage Recommendations

SKU	Cabinet Height Range (KH)		Arm length MM	Front Weight (LB)		Front Weight (KG)	
	IN	MM		Min.	Max.	Min.	Max.
TCH-311012 129.S.210.L	16 - 20	410 - 500	210	5.3	8.8	2.4	4.0
TCH-311012 129.S.210.M	16 - 20	410 - 500	210	7.3	11.5	3.8	6.3
TCH-311012 129.S.210.H	16 - 20	410 - 500	210	9.5	17.6	6.3	9.0
TCH-311012 129.S.240.M	20 - 24	500 - 600	240	7.9	13.2	3.5	6.0
TCH-311012 129.S.240.H	20 - 24	500 - 600	240	12.3	17.2	5.5	7.8
TCH-311012 129.S.290.L	20 - 24	500 - 600	290	8.2	18.1	3.7	6.2
TCH-311012 129.S.290.M	20 - 24	500 - 600	290	14.6	17.2	5.5	7.8
TCH-311012 129.S.290.H	20 - 24	500 - 600	290	10.6	23.4	7.5	10.5

Note:

Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m³ | Imperial: ≈ 0.026 lb/in³). Values shown are estimates and should be verified against the actual door weight for final product selection.

Key Definitions:

- KH = Cabinet Height.

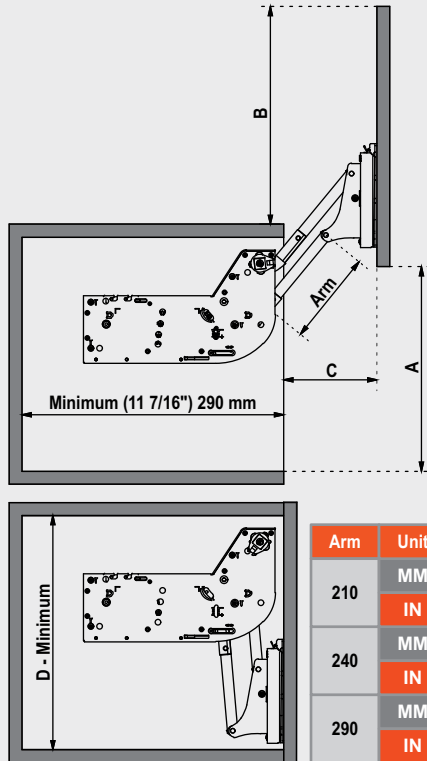
Special Requirements

- For cabinet widths greater than (47 1/4") 1200 mm, a customized configuration is recommended to ensure optimal performance and proper fit.

General Informations

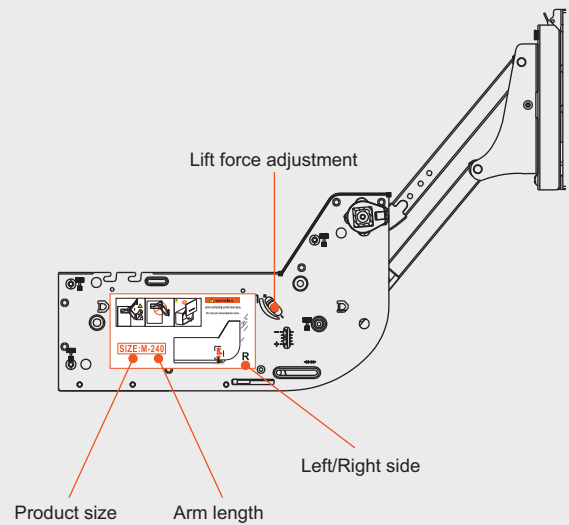


Cabinet & lift arm comparison

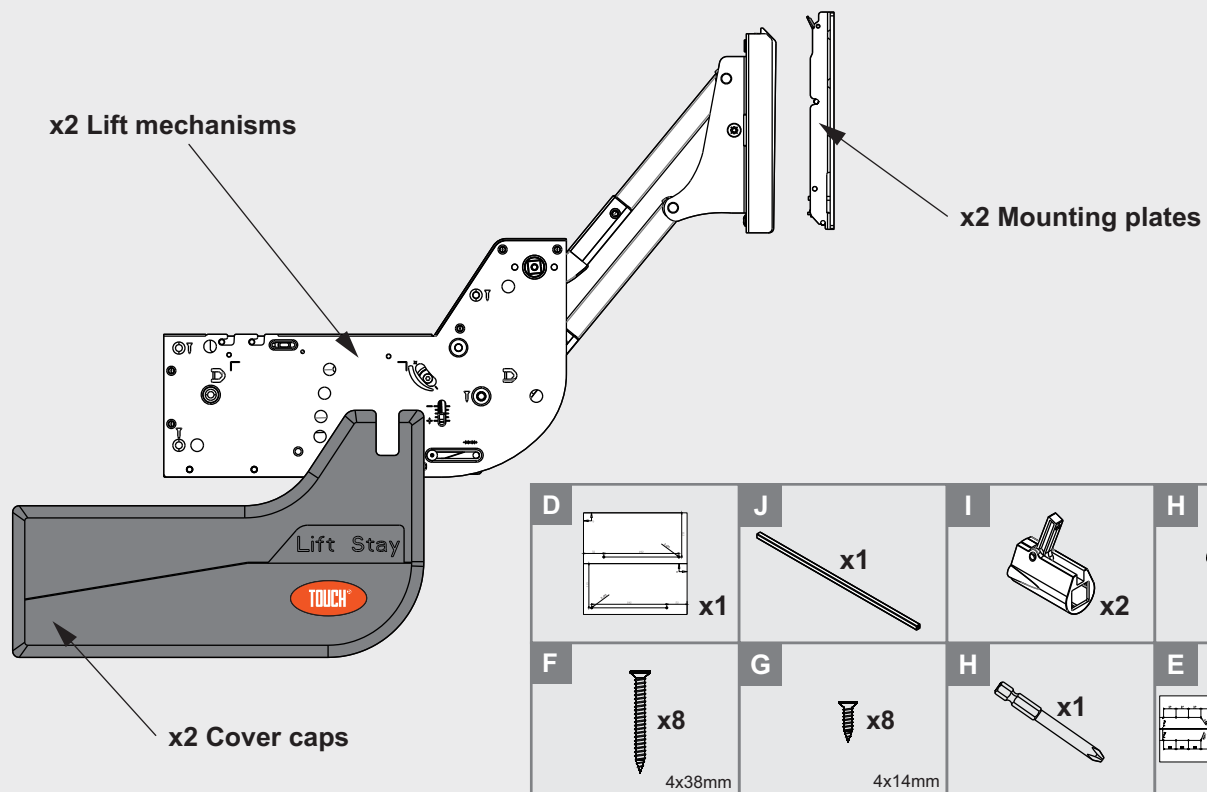


Arm	Unit	A	B	C	D
210	MM	372	390	161	374
	IN	14.7	15.4	6.3	14.7
240	MM	425	443	180	404
	IN	16.7	17.4	7.1	15.9
290	MM	514	532	211	454
	IN	20.2	20.9	8.3	17.9

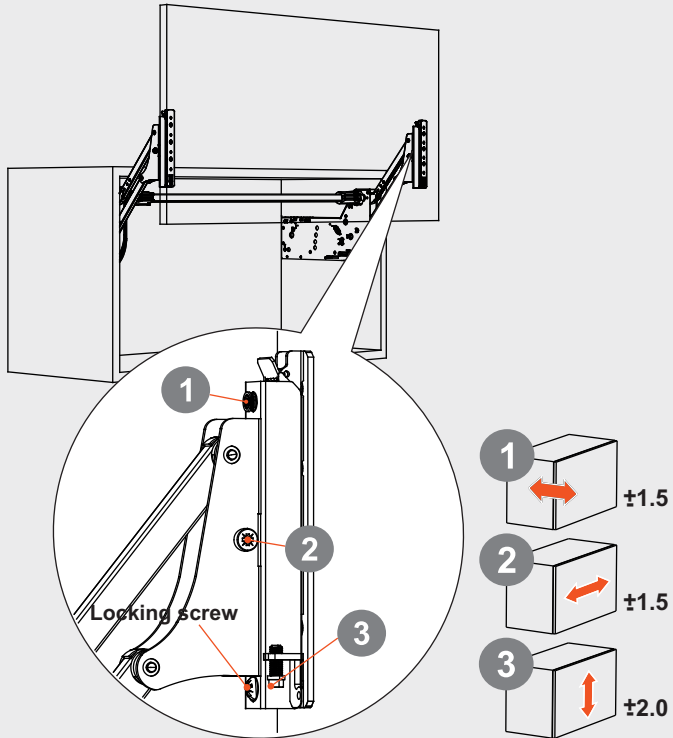
Adjustment & label guide



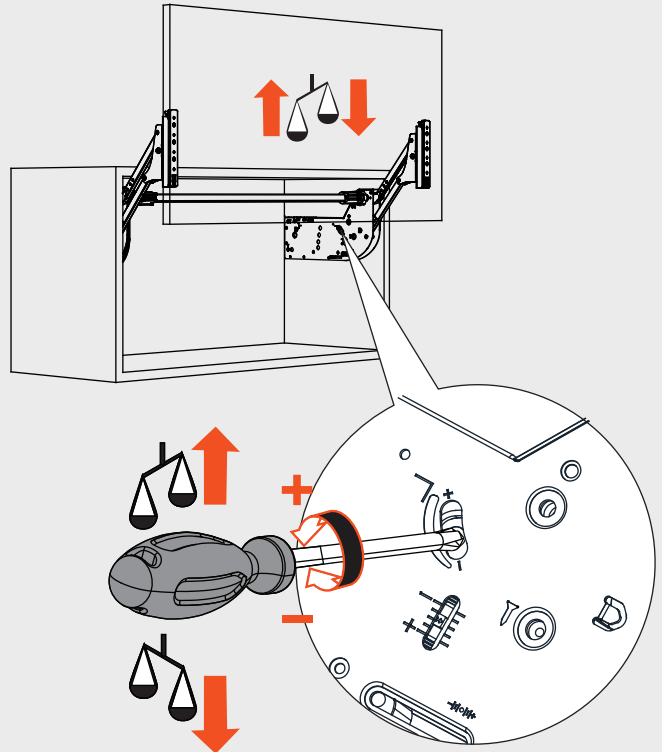
Included components



Front panel alignment adjustment



Lift mechanism force adjustment



Soft-closing adjustment

