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

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

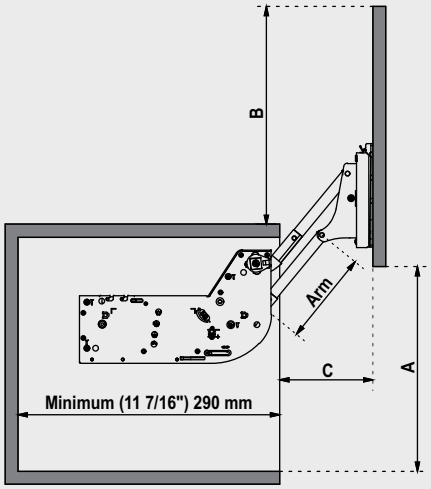
Note:
Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m³ | Imperial: ≈ 0.026 lb/in³). Values shown are estimates and should be verified against the actual door weight for final product selection.

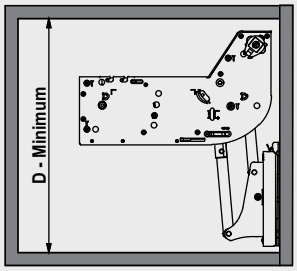
Key Definitions:
- KH = Cabinet Height.

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

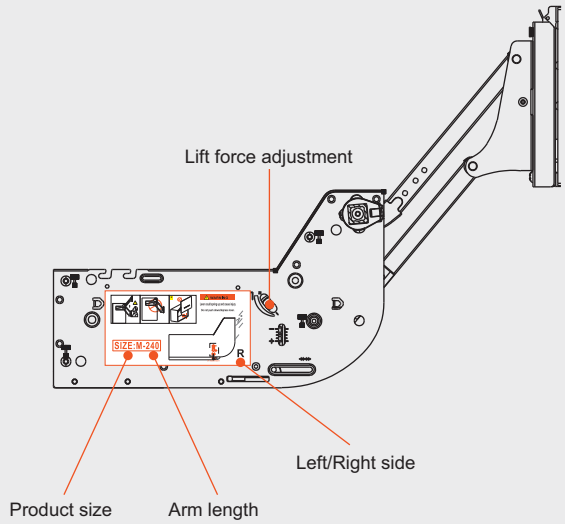
Cabinet & Lift Arm Comparison



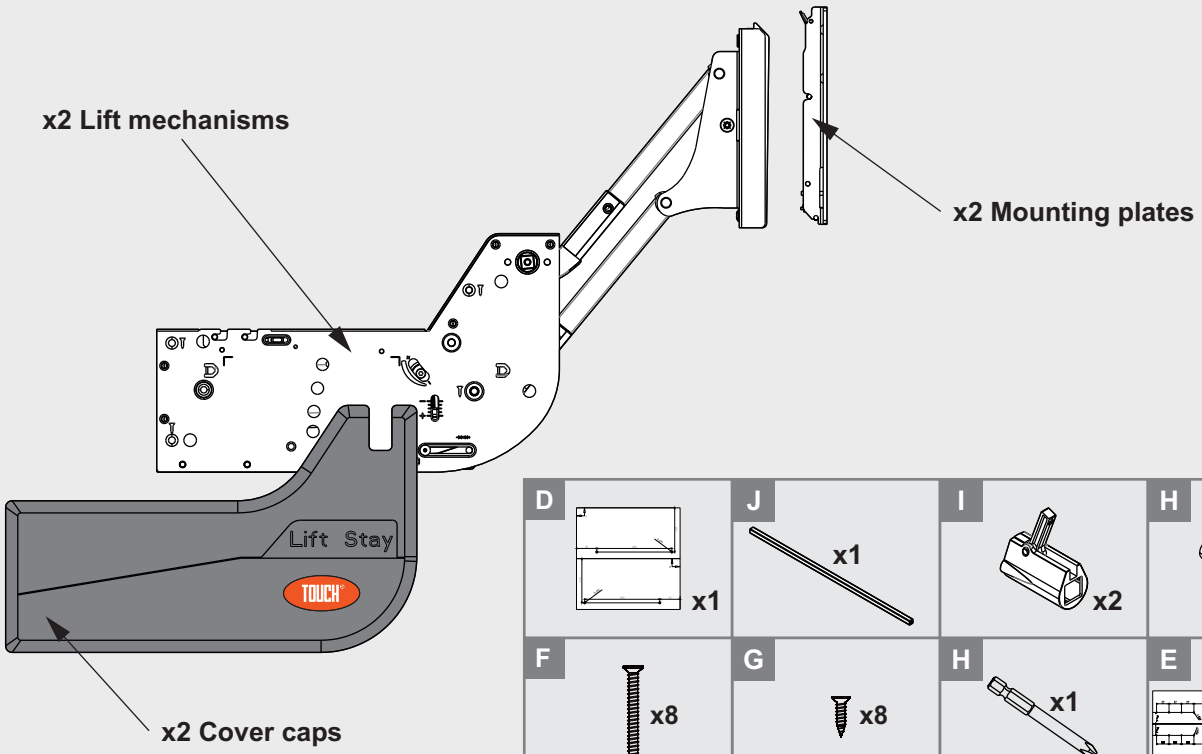


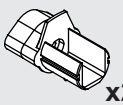
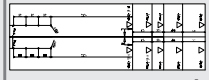
Arm	A	B	C	D
210	(14 5/8") 372 mm	(15 3/8") 390 mm	(6 3/8") 161 mm	(14 3/4") 374 mm
240	(16 3/4") 425 mm	(17 1/2") 443 mm	(7 1/8") 180 mm	(15 7/8") 404 mm
290	(20 1/4") 514 mm	(21") 532 mm	(8 1/4") 211 mm	(17 7/8") 454 mm

Adjustment & Label Guide



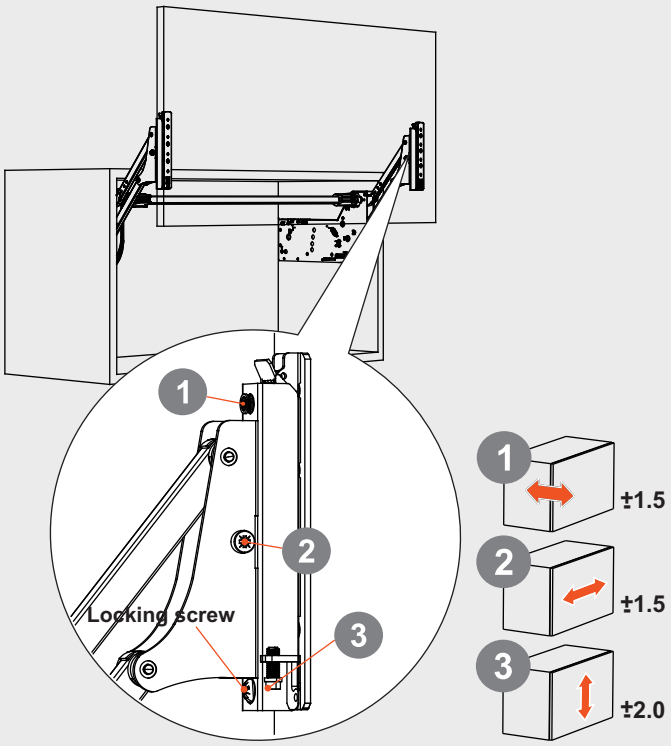
Included Components



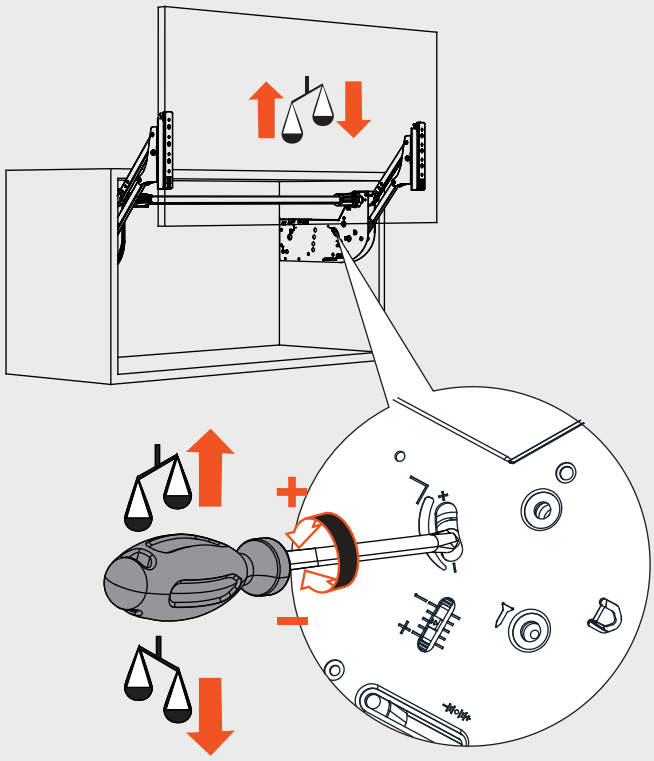
D x1	J x1	I x2	H  x2
F x8 4x38mm	G x8 4x14mm	H x1	E  x1

Adjustments Points

Front Panel Alignment Adjustment



Lift mechanism force adjustment



Closing speed adjustment