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# 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

| 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 | 440 - 600 | 240 | 7.9 | 13.2 | 3.5 | 6.0 |
| **TCH-311012 129.S.240.H** | 20 - 24 | 440 - 600 | 240 | 12.3 | 17.2 | 5.5 | 7.8 |
| **TCH-311012 129.S.290.L** | 20 - 24 | 490 - 600 | 290 | 8.2 | 18.1 | 3.7 | 6.2 |
| **TCH-311012 129.S.290.M** | 20 - 24 | 490 - 600 | 290 | 14.6 | 17.2 | 5.5 | 7.8 |
| **TCH-311012 129.S.290.H** | 20 - 24 | 490 - 600 | 290 | 10.6 | 23.4 | 7.5 | 10.5 |

Usage Recommendations

**Note:**
Door weight is calculated using a standard density factor of 0.00000072 (Metric: 720 kg/m$^3$ | Imperial: = 0.026 lb/in$^3$). Values shown are estimates and should be verified against the actual door weight for final product selection.

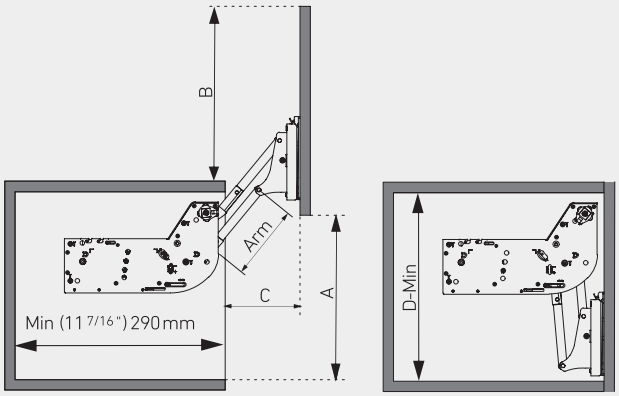
**Key Definitions:**
- KH = Cabinet Height.

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

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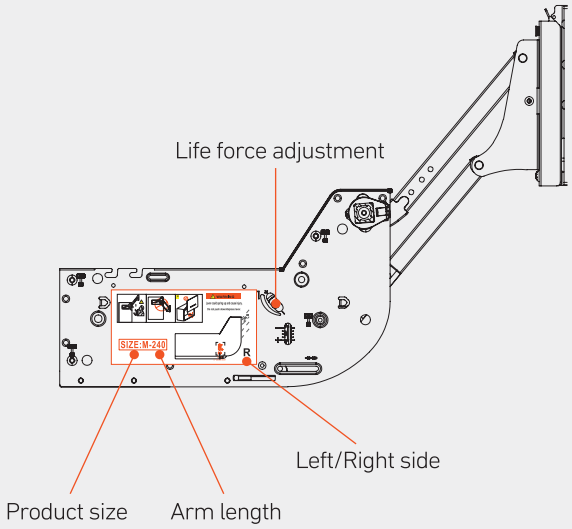
# GENERAL INFORMATIONS

## Cabinet & lift arm comparison

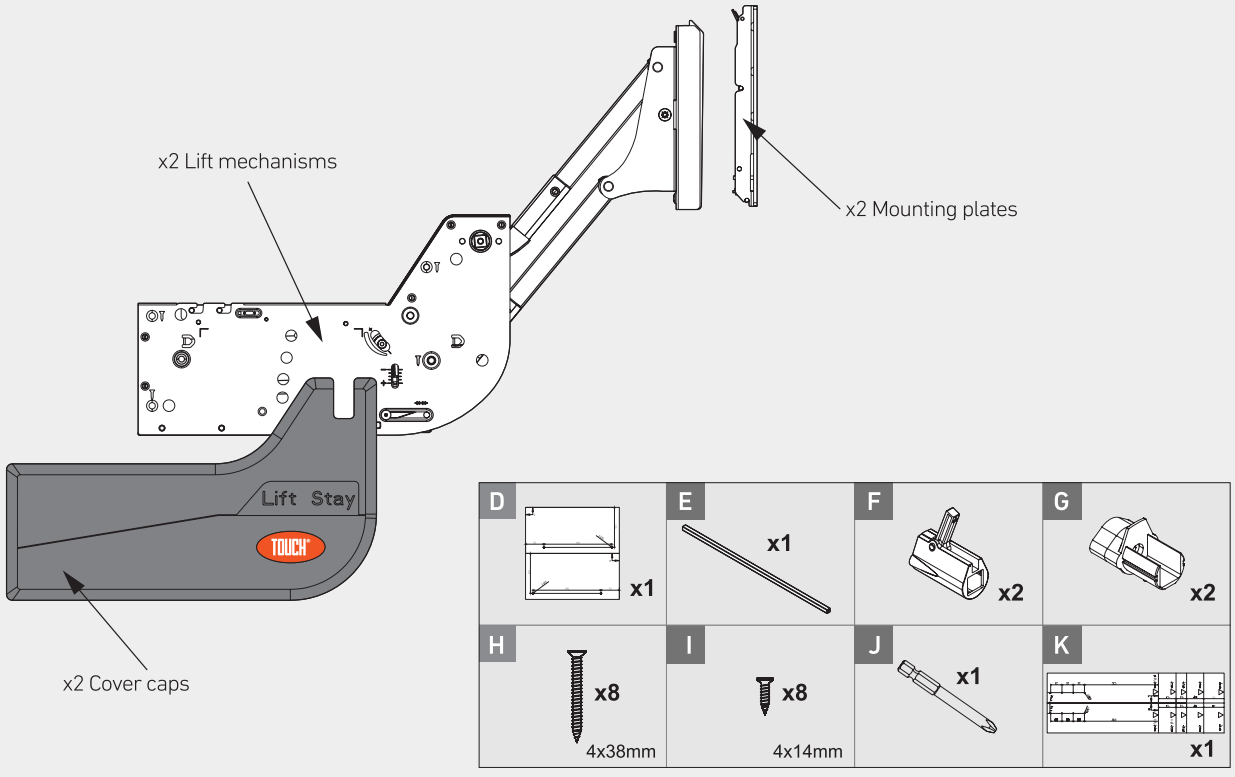



| Arm | Unit | A | B | C | D |
|---|---|---|---|---|---|
| 210 | MM | 372 | 390 | 161 | 374 |
| | IN | 14.7 | 15.4 | 6.3 | 14.7 |
| 240 | MM | 425 | 443 | 180 | 404 |
| | IN | 16.7 | 17.4 | 7.1 | 15.9 |
| 290 | MM | 514 | 532 | 211 | 454 |
| | IN | 20.2 | 20.9 | 8.3 | 17.9 |

## Adjustment & label guide




## Included components

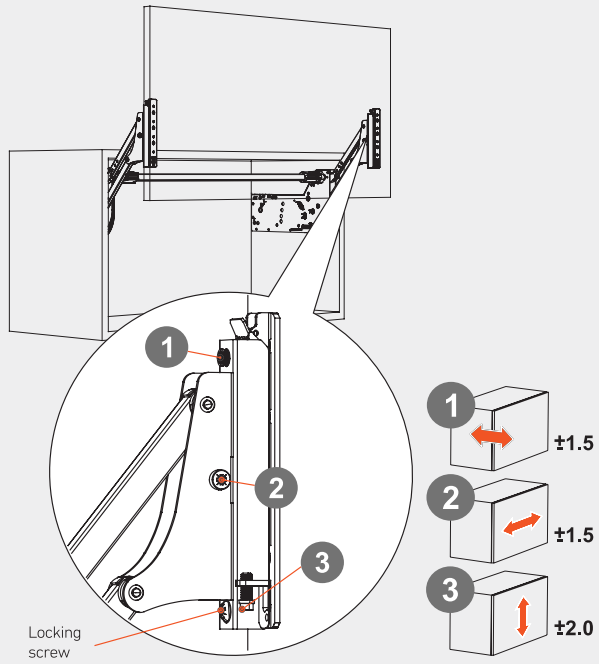




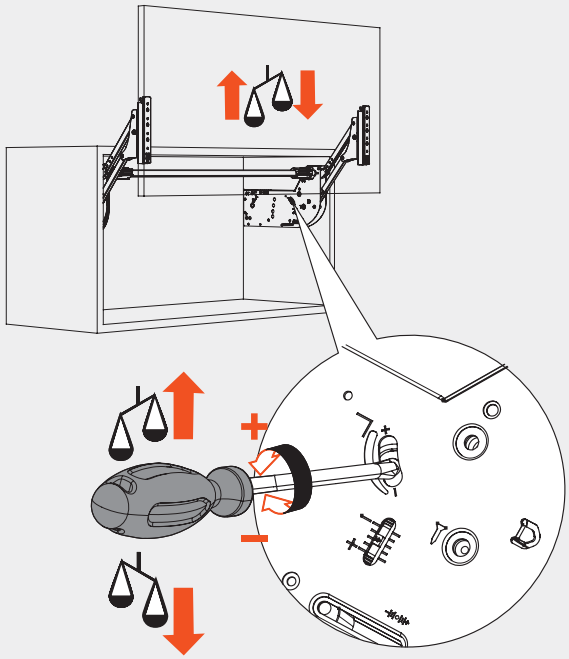
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# ADJUSTMENTS POINTS

## Front panel alignment adjustment




## Lift mechanism force adjustment




## Soft-closing adjustment

