

**TEST REPORT AS PER COMPLIANCE STANDARDS WITH U.S CPSC
SAFETY STANDARDS FOR CLOTHING STORAGE**

SKU : IN 3366



1. Maximum hand holding height = 2.95 or 4.12 Feet (whichever lesser)



2. Door extension from fulcrum distance = 9.05 Feet



3. Vertical distance from the centre of force to fulcrum = 36.22 Feet



4. Tip over force = 23.14 Pounds



5. Tip-over moment = force applied x Vertical distance from the centre of force to fulcrum
= 23.14 Pound x 36.22 Feet = 838.13 Pounds-Feet

6. Threshold moment :

A) CRITERION 1 -

(51.2 Pounds times door extension from the centre of fulcrum) - 12.8 =
(51.2 x 9.05) - 12.8 = 450.56 Pound-Feet

B) CRITERION 2 - 17.2 Pounds x hand holding height (2.95 Feet) = 50.74 Pound-Feet

The applicable criterion will be 1 or 2 whichever is greater

Criterion 1 is applicable

Result :

Tip-over moment > Threshold moment
(838.13 Pounds-Feet) (450.56 Pound-Feet)

Conclusion : This unit requires need stability requirements.

Stability rating = Tip-over moment/ Threshold moment
= 838.13/450.56
= 1.86