



**Technical Report:** 96242570772  
Date Received: SEPTEMBER 13, 2024

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WOODY WOODWORKING SDN. BHD.  
27-01 & 02, JALAN MOLEK 3/10, TAMAN MOLEK, 81100 JOHOR BAHRU, JOHOR, MALAYSIA

Sample Description:	JR-03/JR-W-03 DRESSER	Sample Size:	/
Vendor:	WOODY WOODWORKING SDN. BHD.		
Manufacturer:	JS FURNITURE CO., LTD	VPN:	/
Buyer:	ALPINE FURNITURE	SKN/SKU No.:	JR-03/JR-W-03
Agent:	/		/
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	VIETNAM
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	812702022569, 840108503467	Department No.:	/
Phase of Production:	PRODUCTION	Item#:	JR-03/JR-W-03
Color:	ESPRESSO/ WHITE	Date of Production:	10 SEPT 2024
Program:	/	Model/Style#:	JR/JR -W
Previous No:	/	Country of Destination:	USA

TEST PROPERTY	PASS	FAIL	DATA	N/A	Remark
ASTM F2057-23 Standard Safety Specification for Clothing Storage Units	X				



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If there is any question regarding this report, please contact the following lab personnel:

**Administrative inquiries, please contact:**

Primary Contact: Elise Vo, Tel: 84-028-37421-604 ~ 6, Ext: 394; email: elise.vo@bureauveritas.com

Back-up Contact: Cynthia Vuong, Tel: 848-37421-604 ~ 6, Ext: 641; email: cynthia.vuong@bureauveritas.com

**Technical inquiries, please contact:**

Primary Contact: Terry Nguyen, Tel: 84-028-37421-604 ~ 6, Ext: 355; email: terry.nguyen@bureauveritas.com

Back-up Contact: Louis Tran, Tel: 84-028-37421-604 ~ 6, Ext: 339; email: louis.tran@bureauveritas.com

**BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.**

**TERRY NGUYEN**  
**LAB MANAGER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION**



## RESULTS:

16 CFR 1261 Safety standard for clothing storage units  
 ASTM F2057-23 Standard Safety Specification for Clothing Storage Units  
 ASTM F3096-23 Standard Performance Specification for Tipover Restraint(s) Used with Clothing Storage Unit(s)

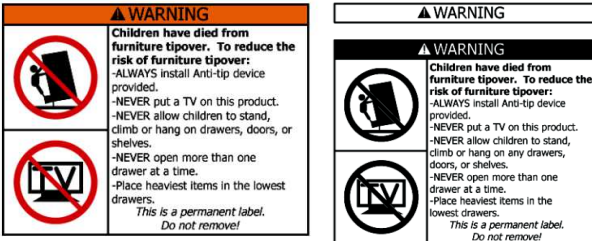

Method	Evaluation	Criteria/Requirement	Result
16 CFR 1261 / ASTM F2057-23, sec.4.1-4.3/9.2.1	Clothing storage units – Physical & Mechanical - Simulated clothing load stability	<p>[Applicable to all clothing storage units which are 27 in. (686mm) or greater in height, 30 lb. (13.6 kg.) or greater in mass, and contain 3.2 ft<sup>3</sup> (90.6 dm<sup>3</sup>) or greater of enclosed storage volume]</p> <p>9.2.1.1 Position the empty unit on test surface described in 8.2.1. For units with levelers, adjust the unit per 8.1.2.</p> <p>9.2.1.2 If 50 % or more of the storage volume is extended, determine the weight for loading the extendable elements and/or space behind the doors based on the volume calculated in 5.4. Load per 8.3.3. See Fig. 8(B). If less than 50 % of the storage volume is extended, the unit shall remain empty.</p> <p>9.2.1.3 Open all doors and extend all available extendable elements in accordance with 8.1.3. Elements shall remain open for 30 s.</p> <p>The CSU shall not tip over.</p>	<p>M</p> <p>Test Load:            Drawer (1~4): 13 lbs            Drawer (5~6): 5.6 lbs            Drawer (7): 5.5 lbs</p>
16 CFR 1261 / ASTM F2057-23, sec.4.1-4.3/9.2.2	Clothing storage units - Physical & Mechanical - Simulated dynamic force stability	<p>[Applicable to all clothing storage units which are 27 in. (686mm) or greater in height, 30 lb. (13.6 kg.) or greater in mass, and contain 3.2 ft<sup>3</sup> (90.6 dm<sup>3</sup>) or greater of enclosed storage volume]</p> <p>9.2.2.1 Force Application on Extendible Element—Where the extendible element has been determined to have the highest hand-hold height, not to exceed 56 in. (1422 mm).</p> <p>(1) Position the empty unit on test surface described in 8.2.1. For units with levelers, adjust the unit per 8.1.2.</p> <p>(2) Open all doors and extend all available extendible elements in accordance with 8.1.3.</p> <p>(3) Apply a 10 lbf (44 N) horizontal force, parallel to the direction of outward motion, at the highest hand-hold, not to exceed 56 in. (1422 mm) on the extendible element most likely to cause tip-over. The force shall be applied within 1/4 in. (6 mm) of the top edge of a drawer (See Fig. 10(A)) or to the center of the pull area of the extendible element, whichever is higher but less than 56 in. (1422 mm) over a period of at least 5 s and held for 10 s. (See Fig. 10(B)).</p> <p>9.2.2.2 Force Application on Door with Handle/pull—Where the door handle/pull has been determined to be the highest reach point not to exceed 56 in. (1422 mm).</p> <p>(1) Reference 9.2.2.1(1) and (2).</p> <p>(2) Apply a 10 lbf (44 N) horizontal force, parallel to the direction of initial outward motion, at a height not exceeding 56 in. (1422 mm) to the handle or pull. The force shall be applied over a period of at least 5 s and held for 10 s. The door shall be in a position most likely to cause the unit to tip over. If the door handle or pull exceeds the max reach height, follow 9.2.2.1(3).</p> <p>9.2.2.3 If the door pull/handle height and the extendible element height are the same, it is permissible to test either component.</p> <p>The CSU shall not tip over</p>	<p>M</p>



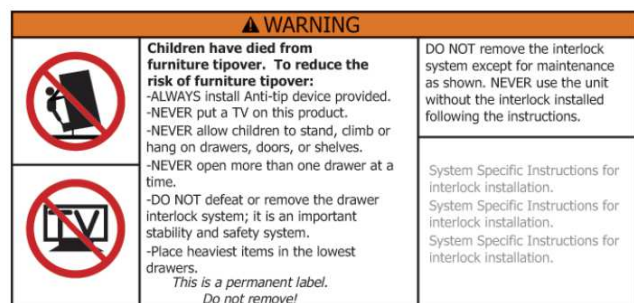


Method	Evaluation	Criteria/Requirement	Result
16 CFR 1261 / ASTM F2057-23, sec.4.1-4.3/9.2.3	Clothing storage units - Physical & Mechanical - Simulated carpet stability	[Applicable to all clothing storage units which are 27 in. (686mm) or greater in height, 30 lb. (13.6 kg.) or greater in mass, and contain 3.2 ft3 (90.6 dm3) or greater of enclosed storage volume.] 9.2.3.1 Position the empty unit on test surface described in 8.2.1. For units with levelers, adjust the unit per 8.1.2. 9.2.3.2 Place the test block(s) 0.43in. thick under the unit's most rear floor support(s), such as a leg, foot, or upright. 9.2.3.3 Test block(s) shall be positioned so the back edge of the test block(s) are flush with the back edge of the rear floor supports. (See Fig. 11.) If the rear floor support is a glide tack, leveler, or foot smaller than 1 in., center the block under it. 9.2.3.4 Open all doors and extend all available extendible elements in accordance with 8.1.3. 9.2.3.5 Gradually, over a period of at least 5 s, apply the test apparatus – 60 lb weight without impact over the top of the door or extendible element most likely to cause tip-over. (See Fig. 12 (A) to Fig. 12 (F) and Fig. 13.) Allow the test apparatus to rest without additional support for 30 s. If it is not apparent which door, extendible element, or for clothing storage units with interlock(s), the combination of open and closed extendible elements is most likely to cause tip-over, perform multiple tests. (See Fig. 12 (D), Fig. 12 (E), and Fig. 12 (F).) 9.2.3.6 If the extendible element most likely to cause tip-over is not the uppermost extendible element, any extendible element obstructing the test weight from being positioned properly shall be closed and reopened to the extent possible. For odd-shaped drawer, apply the test apparatus to the front edge that protrudes the farthest (see Fig. 14). For doors, apply the test apparatus to each door, one at a time, so that the outer edge of the test weight is flush with the outermost upper corner of the door (see Fig. 12 (B)). The CSU shall not tip over.	M
16 CFR 1261 / ASTM F2057-23, sec.4.4	Anti-Tip Device - Presence	An anti-tip device shall be included with each item of furniture covered under the scope of this safety specification for attachment by the consumer.	M
16 CFR 1261 / ASTM F2057-23, sec.4.5/ ASTM F3096-23, sec. 4	Anti-Tip Device – Strength Test	The tip-over restraint shall withstand a force of 60 lb when tested to section 4 of ASTM F3096	M
16 CFR 1261 / ASTM F2057-23, sec.4.5/ ASTM F3096-23, sec. 5	Anti-Tip Device - Instructional Literature	Installation instructions shall include at a minimum the following: Illustration showing installation method. Detailed written instructions with step by step instructions on how to properly attach the tip-over restraint. Parts list including illustrations. Clear and complete installation instructions for the tip-over restraint shall be included.	M
16 CFR 1261 / ASTM F2057-23, sec.4.5/ ASTM F3096-23, sec. 6	Anti-Tip Device - Labelling Requirements	The following information shall be provided with each tip-over restraint: Manufacturer's name and address. Date of manufacture (capable of identifying at a minimum the month and year of manufacture).	M



Method	Evaluation	Criteria/Requirement	Result
16 CFR 1261 / ASTM F2057-23, sec.4.6	Interlock requirement	<p>4.6.1 Interlocks shall not require additional consumer action to engage during normal operation of the extendible element, for example, opening and closing the drawer to access the interior volume.</p> <p>4.6.1.1 Consumer action to reengage the interlock system after disengaging to allow removal of one or more extendible elements is allowed, for example, to install an anti-tip device or retrieve a lost sock.</p> <p>4.6.1.2 An interlocked extendible element removed for such one-time action shall not require removal of components such as back panels and dust bottom to access the interlocking mechanism during reengagement. Reengagement shall not require tools unless those tools are also required for disengagement.</p> <p>4.6.1.3 An interlocked extendible element removed for such one-time action shall either:</p> <p>(1) Not be fully functional when reinstalled until the interlock is reengaged. (For example, it will not fully close or ride on tracks if interlock is not reengaged—which can be an automatic action when reinstalled in case.); or</p> <p>(2) Include a separate warning or warnings as described in 10.2.3.10.</p> <p>4.6.2 Interlocks shall not require consumer assembly and/or installation if the unit is shipped assembled, except as allowed in 4.6.1.1.</p> <p>4.6.3 Consumer assembly and/or installation of interlock components as part of the normal consumer assembly process is allowed for items shipped/sold unassembled.</p> <p>4.6.4 When tested to 9.1, extendible element shall be considered interlocked to open extendible element if either:</p> <p>4.6.4.1 It remains closed during the test and is functional after tested extendible element is closed; or</p> <p>4.6.4.2 Its opening acts to close the extendible element originally open.</p>	NA
16 CFR 1261 / ASTM F2057-23 Sec. 9.1	Clothing storage units - Physical & Mechanical - Interlock system	<p>There shall be no loss of serviceability to the interlock system. The unopened extendible elements shall not bypass the interlock system.</p> <p>Open an extendible element or the number of elements necessary to engage the interlock.</p> <p>Gradually apply, over a period of at least 5 s, a 30-lbf (133 N) horizontal pull force on each interlocked extendible element at the center of the pull area(s), one element at a time, and hold the force for at least 10 s.</p> <p>Repeat this test until all possible combinations of extendible elements connected to the interlock have been tested.</p>	NA

Method	Evaluation	Criteria/Requirement	Result
16 CFR 1261 / ASTM F2057-23 Sec. 10	Warning Label	<p>Each clothing storage unit shall be permanently marked. The warnings shall be in a conspicuous location when in use. The warnings shall be applied on one surface, not wrapped or folded around or over corners. The warnings shall be formatted in a manner consistent with ANSI Z535.4.</p> <p>The warning label shall follow the warning format and content as provided in Sec 10.2.</p> <p>For clothing storage units that are designed and intended to be used with a TV, the warning shall address TV use.</p> <p>For clothing storage units that are NOT designed and intended to be used with a TV shall state: NEVER put a TV on this product.</p> <p>When the clothing storage units includes interlocking drawers: DO NOT defeat or remove the drawer interlock system; it is an important stability and safety system. Units that do not include interlocking drawers shall not use this statement.</p> <p>Additional Requirements for clothing storage units with interlocks: For units with interlock systems, a warning addressing: DO NOT remove the interlock system except for maintenance as shown. NEVER use the unit without the interlock installed following the instructions. Shall be added to each drawer in a location near the interlock hardware; instructions shall be shown or a location with instructions shall be referenced. See Fig. 19</p> <div style="text-align: center;"> <p>Black/White Version</p>  </div> <p>FIG. 16 Example Warnings for Clothing Storage Units that are Not Designed and Intended by the Manufacturer to be Used with a TV</p> 	M

Method	Evaluation	Criteria/Requirement	Result
		<p>Black/White Version</p>  <p>FIG. 17 Example Warnings for Clothing Storage Units that are Designed and Intended by the Manufacturer to be Used with a TV. The manufacturer shall replace "Replace with statement addressing TV use." with a statement addressing TV use with the clothing storage unit.</p>  <p>FIG. 18 Example Warning for a Unit with Interlocks and Not Designed and Intended by the Manufacturer to be Used with a TV</p>  <p>FIG. 19 Example Warning Billboarded for Use with Interlocks Requiring in Unit Warnings</p>	



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16 CFR 1261 / ASTM F2057-23 Sec. 9.3 & 10.2.6	Permanency of labels and warnings	The warnings shall be permanent when tested in accordance with 9.3.1 (paper label), 9.3.2 (non-paper label), or 9.3.3 Warnings applied directly onto the surface of the product as appropriate	M

*M = Meet   NM = Not Meet   NA = Not Applicable   NT = Not Test   NR = Not Request   R = Refer to Comment Section*





**WARNING LABEL**



## ANTI TIP KIT PHOTO



