

Calvert USA, Inc.

Attic Stairs

Instructions for installation of aluminum telescopic
pull down attic stairs
Model numbers: 2005 through 2036



Calvert USA, Inc., P.O. Box 841, Solomons, MD 20688,
Tel.866-477-8455, (410) 326-8455, www.calvertusa.com

Attention Installers: (Read all instructions prior to beginning installation.)

The installer is responsible for properly constructing the opening in the ceiling. If you are not sure the opening is framed properly, seek the help of a qualified person such as local building inspector, architect or structural engineer. Do not cut any framing until you are sure the structural integrity will not be compromised. You are responsible for any accidents and injuries that result from improper installation.

Do not install Calvert Attic Stairs until the interior wall and ceiling sheeting has been finished. Installation of Calvert Attic Stairs during a rough phase of construction will void the warranty. Calvert Attic Stairs are classified as millwork; the same as interior doors, cabinets, and trim, and should be installed just before interior painting.

Installation: requires 3 people.

1. Verify that you have the correct size rough opening in the ceiling. See table A on page 3.
2. Install temporary support ledgers. Using 3" wood screws (not included), attach 1 x 6 temporary support ledger boards at both ends of the opening to provide temporary support for the stairs during installation. These boards must be a minimum of 6" longer than the width of the rough opening in the ceiling. To prevent splitting, predrill the holes for the wood screws. These boards are to provide a 7/8" ledger inside of the opening. If installed further in the opening, the ledger boards will interfere with the stair cover (Fig. 1).
3. One person should be in the attic while the other two installers stay on the floor below. The person in the attic needs to have the tools necessary for frame attachment: wood shims, ten 1/4" x 3" lag bolts (not included), tape measure, hammer and screw driver (screw gun).
4. Two installers must lift the stairs through the opening in the ceiling and lower the unit onto the temporary support ledgers. Make sure that the hinged end of the cover is installed so that the stairs will open in the desired direction (Fig.2) .
5. Do not open the cover at this time. Secure the hinged side of the frame to the header using four 1/4" x 3" lag bolts (A). To prevent splitting, pre drill the holes for the lag bolts using 1/4" drill.
6. Check the space between the stair cover and the frame of the unit to make sure the frame is square. Shim the frame with wooden blocks or shims in all the corners and behind the latch strike plate (if using tapered shims they must be inserted equally from the bottom and the top) . Secure the board opposite the hinged side of the frame with two 1/4" x 3" lag bolts through the shims into the header. To prevent splitting, predrill the holes for the lag bolts using 1/4" drill. **Read Using Stairs Instructions at this time**

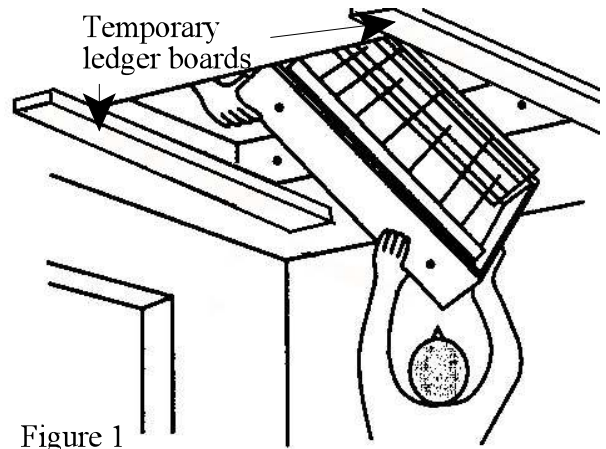


Figure 1

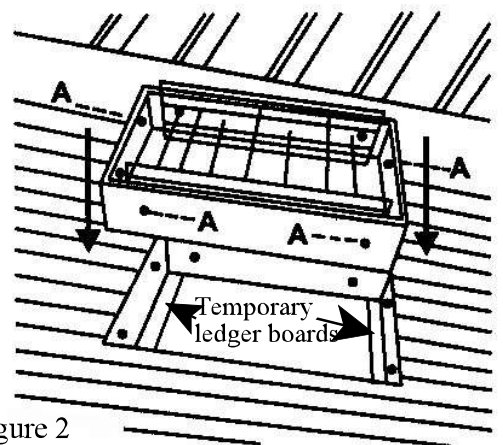


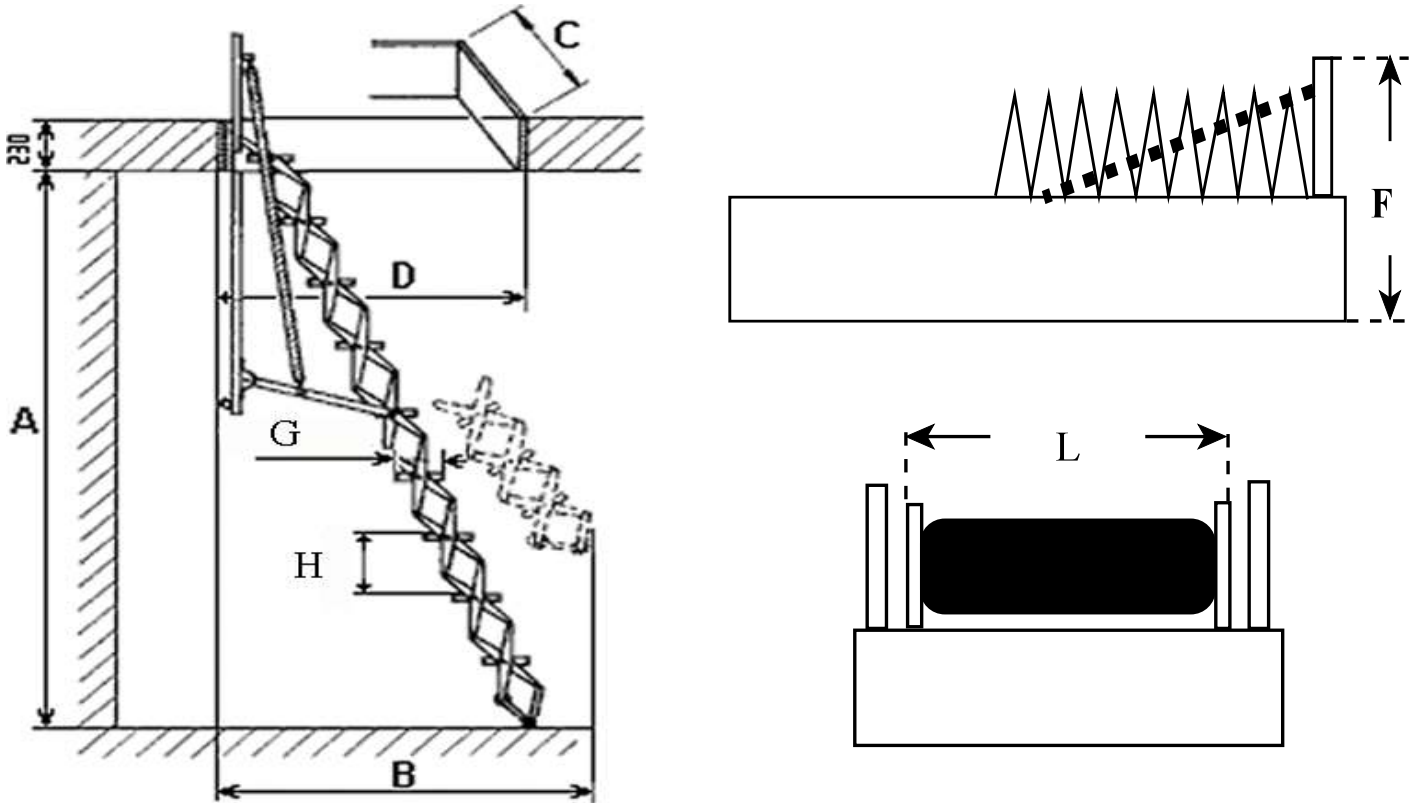
Figure 2

Warning: Opening of cover door completely to vertical position, will force stairs to unfold and extend toward floor without the user having control of stairs. It is important to open cover door to about half way and hold stairs when unfolding, stairs will push cover door to correct position .

7. Remove the temporary ledger boards and have installer in the attic cut and remove the hold down strap, which is installed around the steps to keep them from extending during installation, or open the stair cover slightly from below, only enough to cut hold down strap. Never try to open the stairs from the attic. Do not walk on the stairs at this time.
8. The person in the attic must install four more lag bolts through the shims and into the side boards of the frame. To prevent splitting, predrill the holes for the lag bolts using 1/4" drill.
9. Open and extend the stairs to the floor. Install hand rail brackets on the stair sections with pre-drilled holes and insert handrail thru the upper bracket into the lower bracket. Secure handrail in the lower bracket with safety pin. Hand rail can stay permanently installed.

The installation is finished.

Spec sheet: Aluminum telescopic attic stairs models 2005 - 2037



F- Attic space required

F = 24"

L-Width of stair ladder

L = 19"

G- Step size

G = 5-1/2" x 15-1/2"

Cover door construction

1-1/2" thick panel, 1-1/4" polystyrene insulation, solid wood edging, 1/8" white MDF panels on both sides,

Frame construction

Solid wood core plywood 3/4" x 9-1/2"

Rubber gasket seal

H- step rise

H = 9.25" to 10.5"

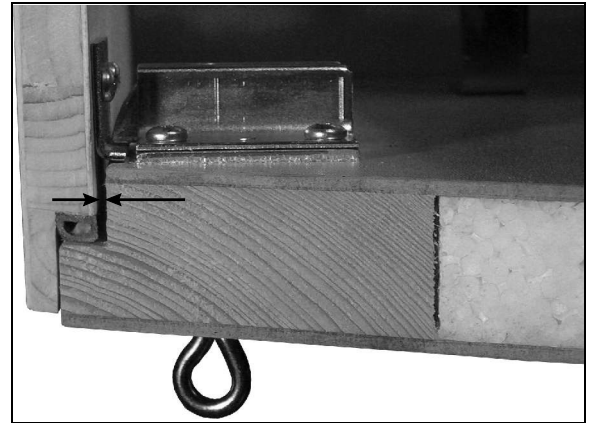
Table A:

Model	Number of steps	(A) Floor to ceiling	(C, D) Rough opening size	(B) Swing clearance	(E) Landing space	Weight of the unit	Cover material
2005	8	6' 2" to 7' 0"	28" x 40"	40"	40"	110 lb	White 1.5" foam core
2006	9	7' 0" to 7' 10"	28" x 40"	43"	43"	115 lb	White 1.5" foam core
2007	10	7' 10" to 8' 9"	28" x 40"	47"	47"	120 lb	White 1.5" foam core
2016	9	7' 0" to 7' 10"	28" x 44"	43"	43"	115 lb	White 1.5" foam core
2017	10	7' 10" to 8' 9"	28" x 44"	47"	47"	120 lb	White 1.5" foam core
2025	10	7' 10" to 8' 9"	28" x 48"	47"	47"	120 lb	White 1.5" foam core
2026	11	8' 9" to 9' 7"	28" x 48"	51"	51"	130 lb	White 1.5" foam core
2027	12	9' 7" to 10' 6"	28" x 48"	54"	54"	135 lb	White 1.5" foam core
2035	11	8' 9" to 9' 7"	28" x 52"	51"	51"	130 lb	White 1.5" foam core
2036	12	9' 7" to 10' 6"	28" x 52"	54"	54"	135 lb	White 1.5" foam core
2034	10	7' 10" to 8' 9"	28" x 52"	47"	47"	30 lb	White 1.5" foam core

Calvert USA, Inc., P.O. Box 841, Solomons, MD 20688,
Tel.866-477-8455, (410) 326-8455, www.calvertusa.com

Latch adjustment:

It is important that the space between the frame and the cover door is approximately 1/16" at the latch location. If the space is too large, the latch bolt will not reach the strike plate and cover door will not be secured. Use shims behind the frame at the strike plate location to close the gap and to secure the frame.



Using the stairs:

1. Insert the pull down rod hook into the latch ring. Pull down until latch bolt is released. The latch should unlock and the cover will open slightly.
2. Using the rod hook, pull the cover down until you can reach it with your hand. **DO NOT OPEN COMPLETELY.**
3. Open the cover to about half way. Stand next to the stairs, not in front. At this point you must reach up and grab the stairs.
4. Once you are holding the stairs, you can let the cover door go. Hold stairs with both hands and lower to floor.
5. The stairs are now ready for normal use.
6. To close, lift the stairs and push up until stairs are collapsed. Stairs may overhang cover door slightly, push the cover up with your hand as far as possible.
7. Insert the rod and hook into the latch ring and push up until the latch locks the cover in place.

Notice: Opening of cover door to vertical position, will force stairs to unfold and extend toward floor without the user having control of stairs. It is important to hold stairs when unfolding, stairs will push cover door to correct position .

Warning:

- Do not jump on the stairs.
- Do not let the stairs or the frame get wet. Water will damage the unit.
- **Do not exceed the total weight capacity. The user and materials combined weight capacity is 350 lb.**
- There must be a railing in the attic around the stair opening to prevent someone from stepping into the stair opening accidentally.
- There must be a handrail available in the attic next to the stair opening for the user to hold on to while using the stairs.

Calvert USA, Inc., P.O. Box 841, Solomons, MD 20688,
Tel.866-477-8455, www.calvertusa.com
MADE IN CZECH REPUBLIC

Warranty

Prior to requesting warranty service, contact:

Calvert USA, Inc.
P. O. Box 841
Solomons, MD 20657
Tel.(866)-477-8455
E-mail us at info@calvertusa.com.

Do not install Calvert Attic Stairs until the interior wall and ceiling sheeting has been finished. Installation of Calvert Attic Stairs during a rough phase of construction will void the warranty.

We at Calvert USA, Inc. make every effort to assure that this product meets the high quality and durability standards you expect. Calvert USA, Inc. warrants to the purchaser that this product is free of defects in materials and workmanship for the period of **one year** from the date of purchase. This warranty does not apply to damage due to misuse, abuse, negligence, unreasonable use or alterations. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives specific legal rights, and you may also have other rights that vary from state to state.

To take advantage of this warranty, return the product to your supplier. If it is not possible to return the product to the supplier, you can return the product us with transportation charges prepaid. Dated proof of purchase and an explanation of the problem must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we can not readily and quickly provide you with a replacement. We will return the product at our expense. However, if we determine that there is no defect, or that the defect resulted from causes not within the scope of our warranty, you must bear the cost of returning the product.