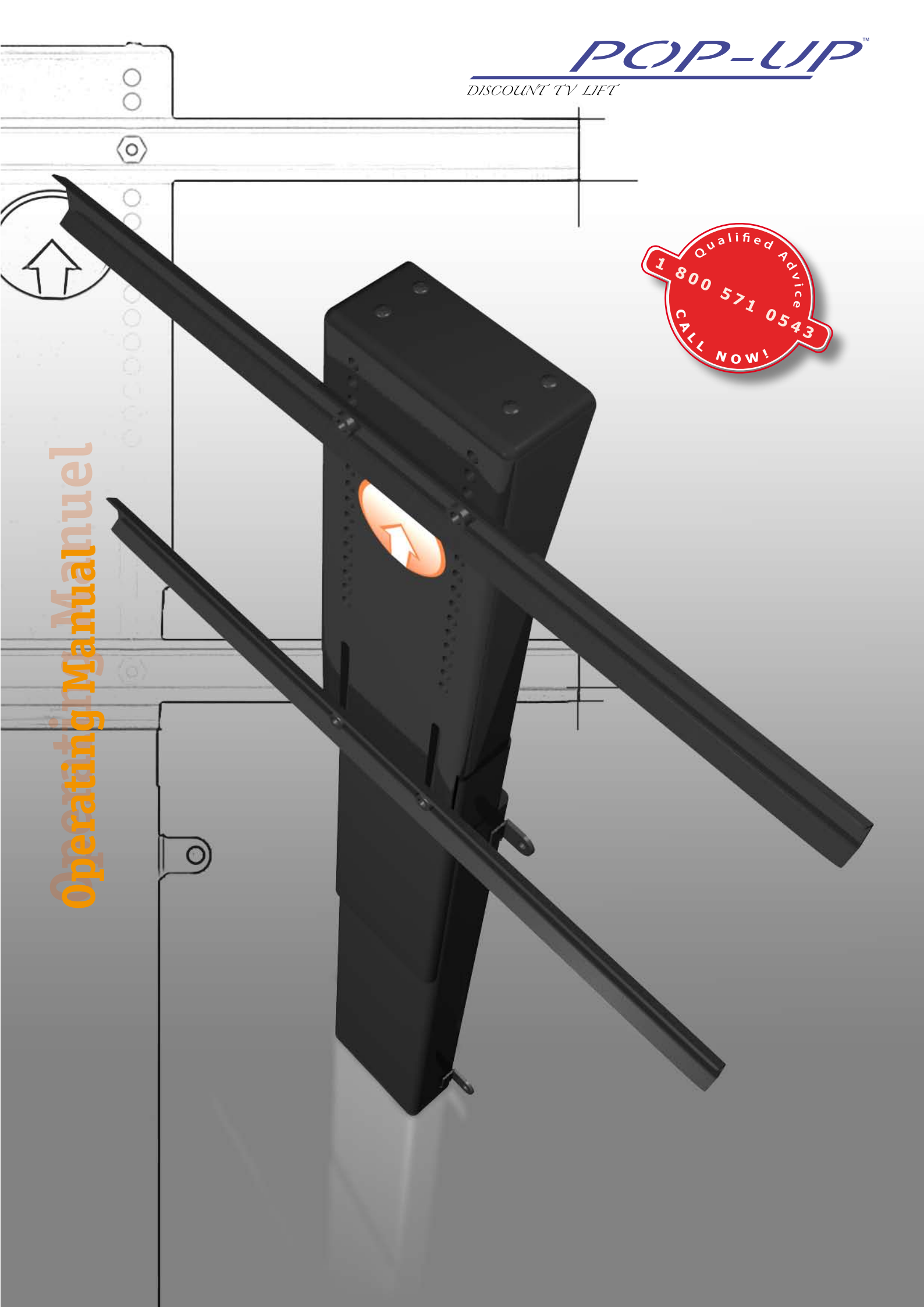










POP-UP[™]

DISCOUNT TV LIFT



Operating Manual



	C.01	INTRODUCTION	
	C.02	FEATURES	
	C.03	PRODUCT DIMENSIONS	
	C.04	INITIAL PRODUCT SET UP	
		Set-up	P.06
		Images	P.07
		TV installation	S.08
		IR Remote Control	S.09
	K.05	PRODUCT INTEGRATION	
	C.06	RECOMMENDED INSTALLION	
		Example of console integration	P.13
		Example of back of sofa integration	P.14
	C.07	TROUBLE SHOOTING	
	C.08	LEGAL NOTICE	



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Intended Use

The product serves the lifting and lowering of LCD and plasma TV equipment. All company names and product names are trademarks of the corresponding owner. All rights reserved. The scope of supply can vary depending on the product and the range of fixtures and fittings. Please check that the product supplied is complete and inform us within seven days of delivery if the scope of supply is not complete.

Safety and Hazards Recommendations

Please read this chapter carefully and follow all of the instructions provided. In this way you are able to guarantee the reliable operation and a long lifespan for your lift system. Keep the operating manual in a safe place.

In the event of damage which is the result of non compliance with this operating manual, all claims pertaining to the guarantee are null and void. We generally accept no responsibility for secondary damage. We accept no responsibility for damage to objects or persons which is caused by the inappropriate use of the product or through ignoring the safety instructions. In such cases, all claims pertaining to the guarantee are null and void.

For safety reasons, the unauthorized conversion and/or changing of the product is not permitted. Do not dismantle this product.

This product is not a toy and does not belong in the hands of children.

Do not allow the product to become damp or wet.

Do not leave the packaging material lying around as children may choke if they swallow it.

The product will be damaged if it is dropped, even from a low height.

Before using the product for the first time, please check that the free raising and lowering of the Flatlift including the mounted TV equipment is possible and ensure a collision-free run.

Quality

In the choice of our components, our primary focus was on ensuring a high level of functionality, straightforward use, safety and reliability.

We would like to thank you for the trust you have placed in our Flatlift brand products.

We can help you with your installation through providing individual customer care.



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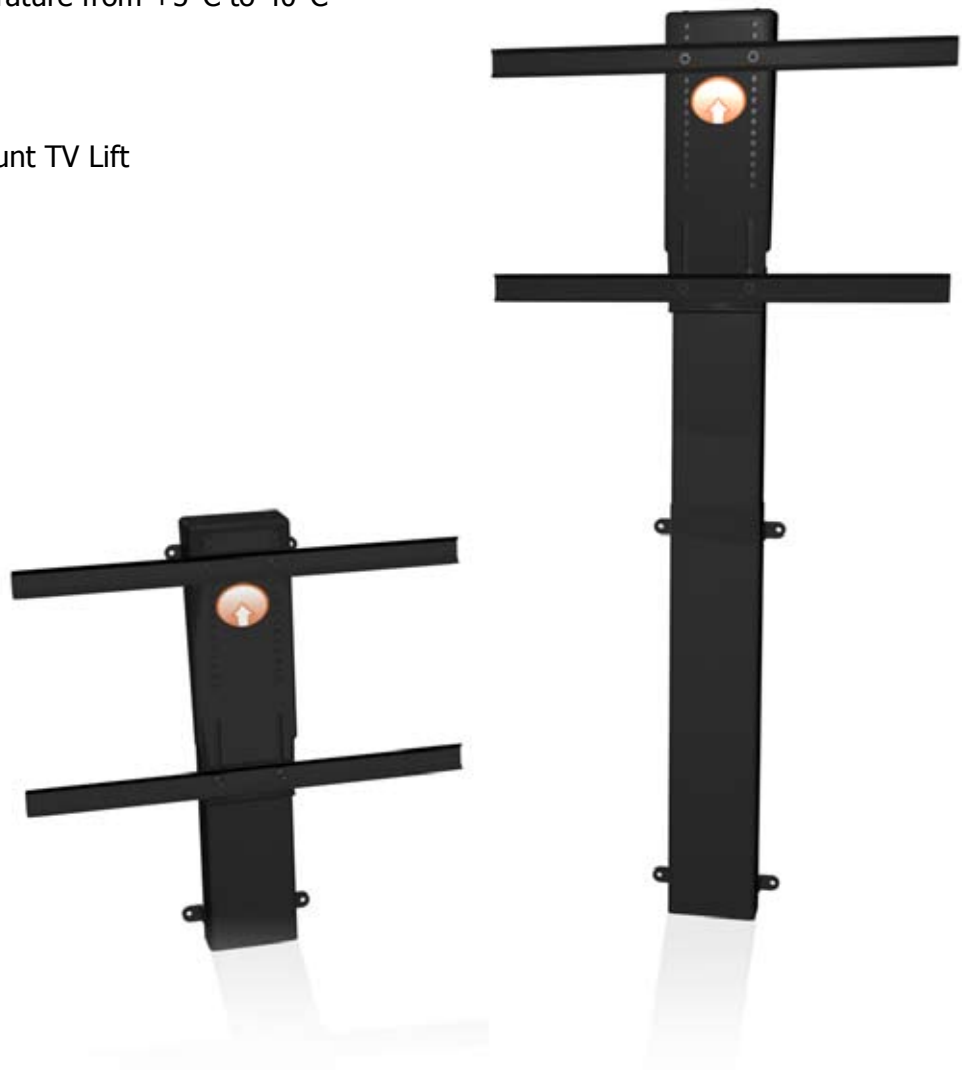
BUY NOW

Features:

- ⇒ Installation base
W=6.54" in D=3.23" in
- ⇒ Installation dimensions, Flatlift
W=29.96" in D=4.88" in H=32.09" in
- ⇒ Lift 35.98" in
- ⇒ Lifting speed 1.1" in / sec
- ⇒ TV weight max. 121 lbs / including cover (P.012)
- ⇒ TV size 20-50/55" (inch)
(max. TV size possible in mm: W = * , H = max. 34.06" in , D = *)
- ⇒ Power-on time 18%/h
- ⇒ Can be tilted (-15° manual).
- ⇒ Soft Start / Soft Stop
- ⇒ Low noise level < 45 dB
- ⇒ Environmental temperature from +5°C to 40°C

Scope of supply:

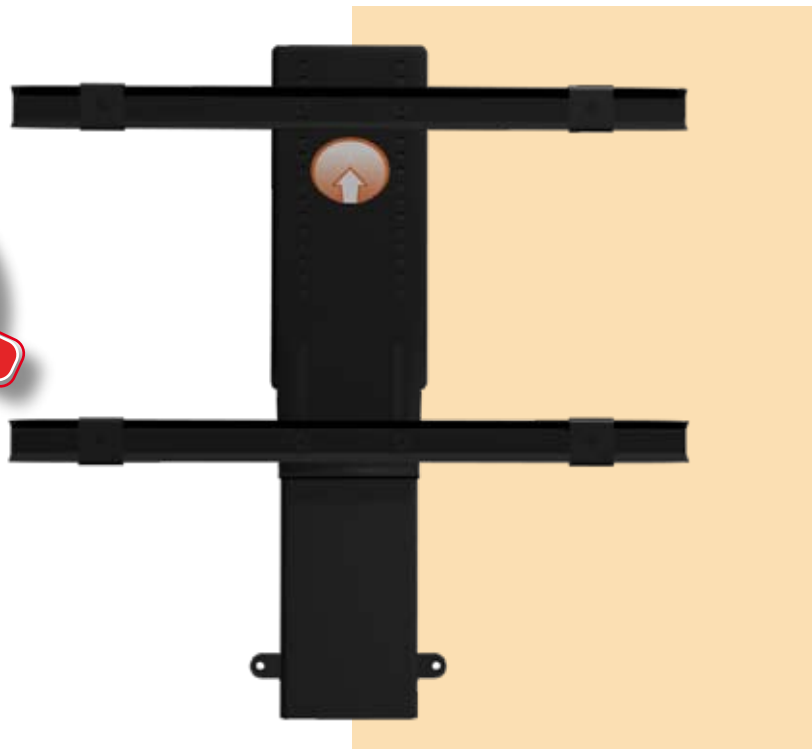
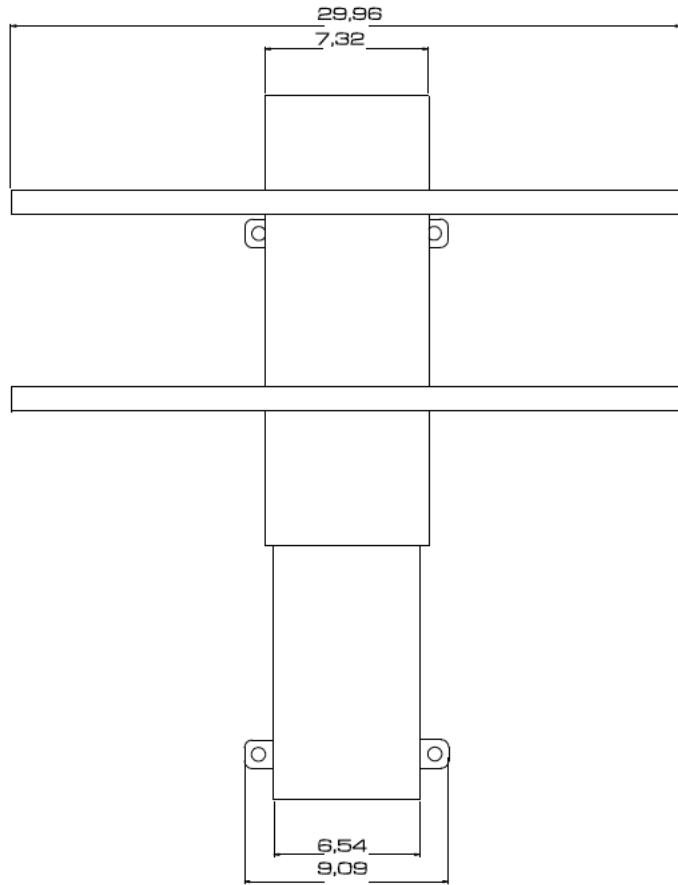
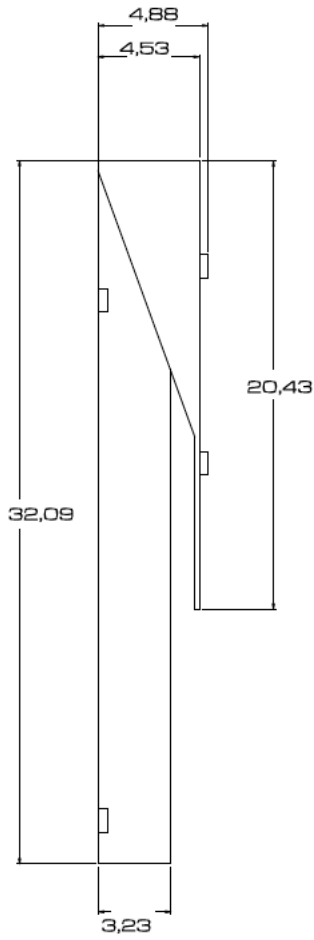
- ⇒ Flatlift Pop-Up Discount TV Lift
- ⇒ IR Remote Control
- ⇒ Touchpanel
- ⇒ Controller



* not relevant

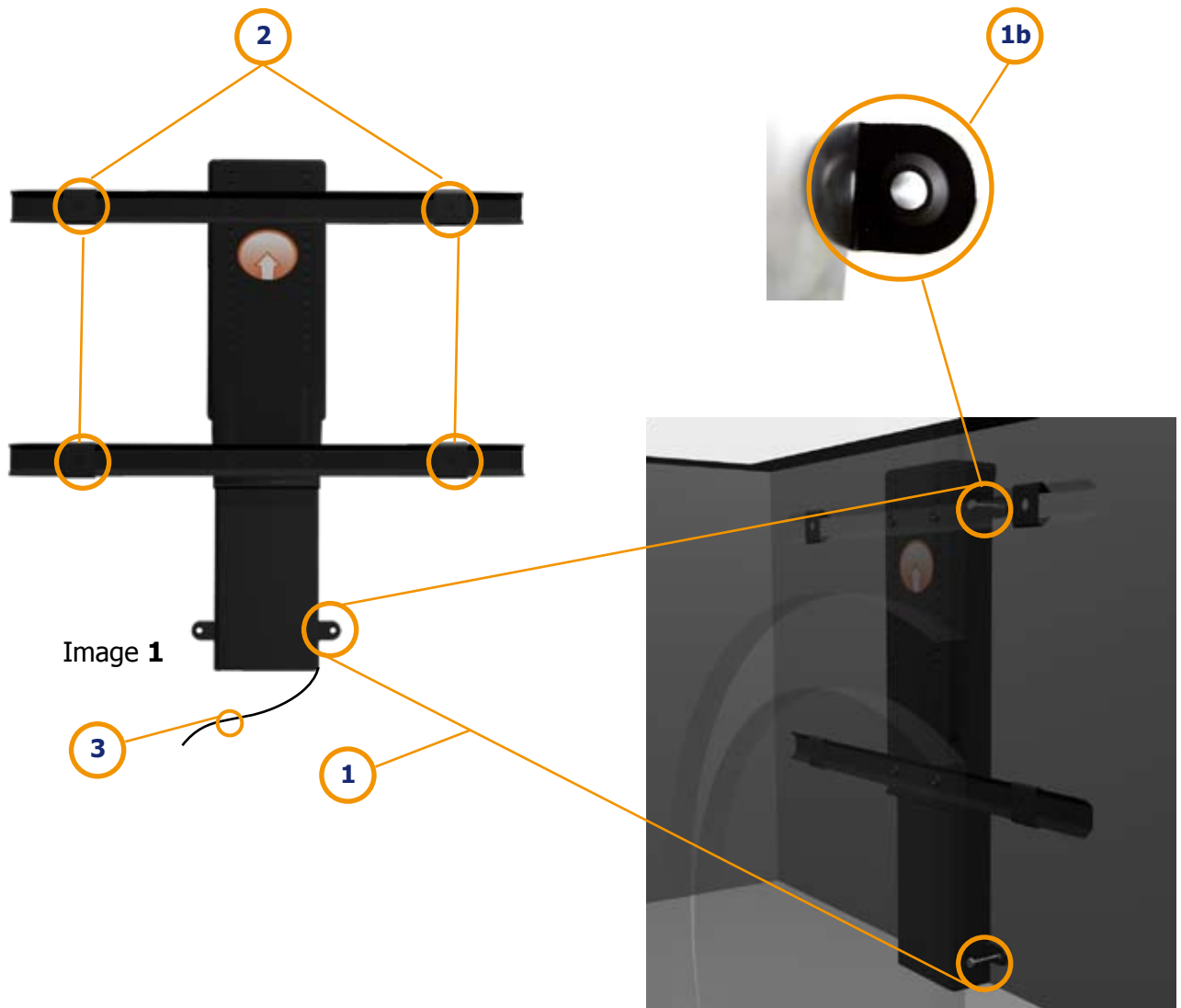


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Initial set up:

1. The installation and connection of the system is extremely easy. Only four screws are needed to fix the lifting column onto the cabinet or wall (image 1 no 1). Furthermore you have with the gumming (image 1, no. 1b) a sound absorbing effect at the back board. This rubbing avoids a resonance to the furniture body. The connections between all the main parts like lifting column, control box (P.07, image 2), switch box (P.07, image 2, no. 9) and IR receiver (P.07, image 2, no. 6) are plug types which enable a very easy way to install, maintain and repair/replace the system.
2. Connect the Flatlift (image 1, no. 3) with the control box (P.07, image 2, no.7).
3. Now plug-in the RJ45 connector of the IR receiver (p.07, image 2, no. 6) into the back of the control box. Be sure, that the IR receiver (p.07, image 2, no. 6) is not hidden. Place the IR receiver well visibly, because it is very important for the connection between your IR remote control and IR receiver.
4. Connect the switch box (P.07, image 2, no. 9) with the control box.



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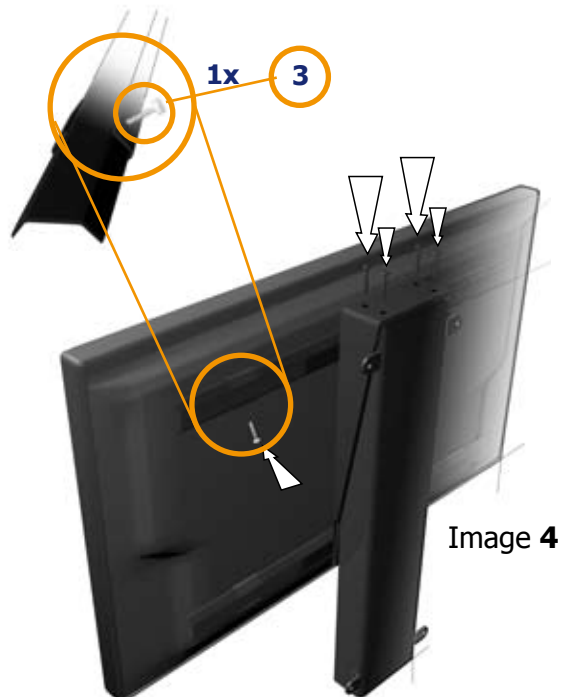
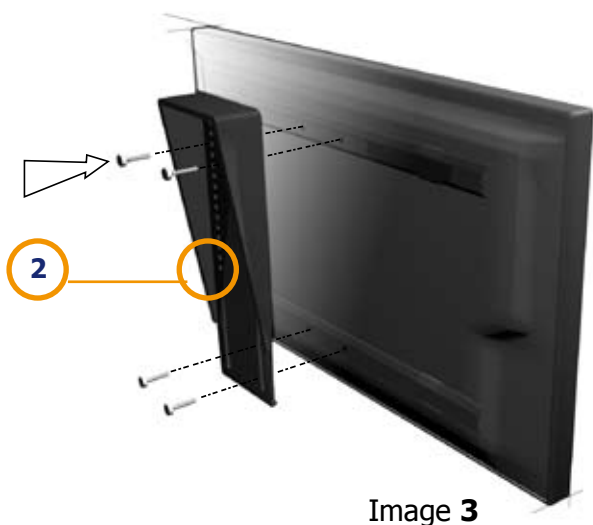
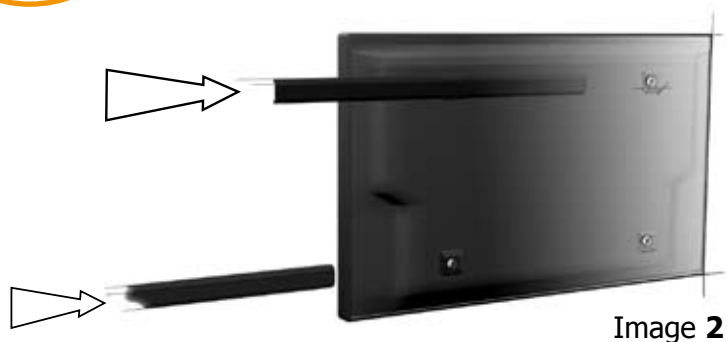
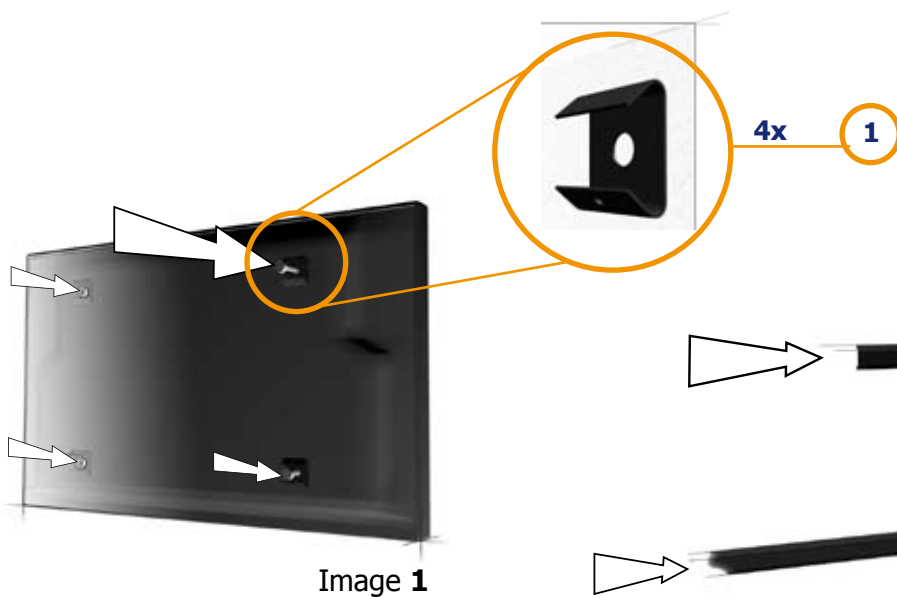


Image 2



TV installation:

1. Now you can assemble the TV onto the Flatlift system. Fix the four sliders (image 1, no. 1) at your TV and move the retainers (P.06, image 1, no. 2) through the sliders (image 2).
2. Assemble now the heading part (image 3, no. 2) on the retainers (image 3).
3. Save your TV with the safty screw (image 4, no. 3).



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Operate by IR Remote Control

1. When operate, the IR remote control (image 1) must be pointed to the IR receiver, and the distance between IR receiver and remote control should be within 5 M.
2. Press "UP" button (no. 10), the Lifting column will go upward continuously.
3. Press "DOWN" button (no. 11), the Lifting column will go downward continuously.
4. When lifting column is moving, pressing any button will stop the movement.
5. Keep pressing the "M" button (no. 12) for 5 seconds, until the LED of the IR Receiver flashing three times, the current height of the lifting column is then memorized.
6. Press "M" button then release in one second, the lifting column will move automatically to the memorized height.

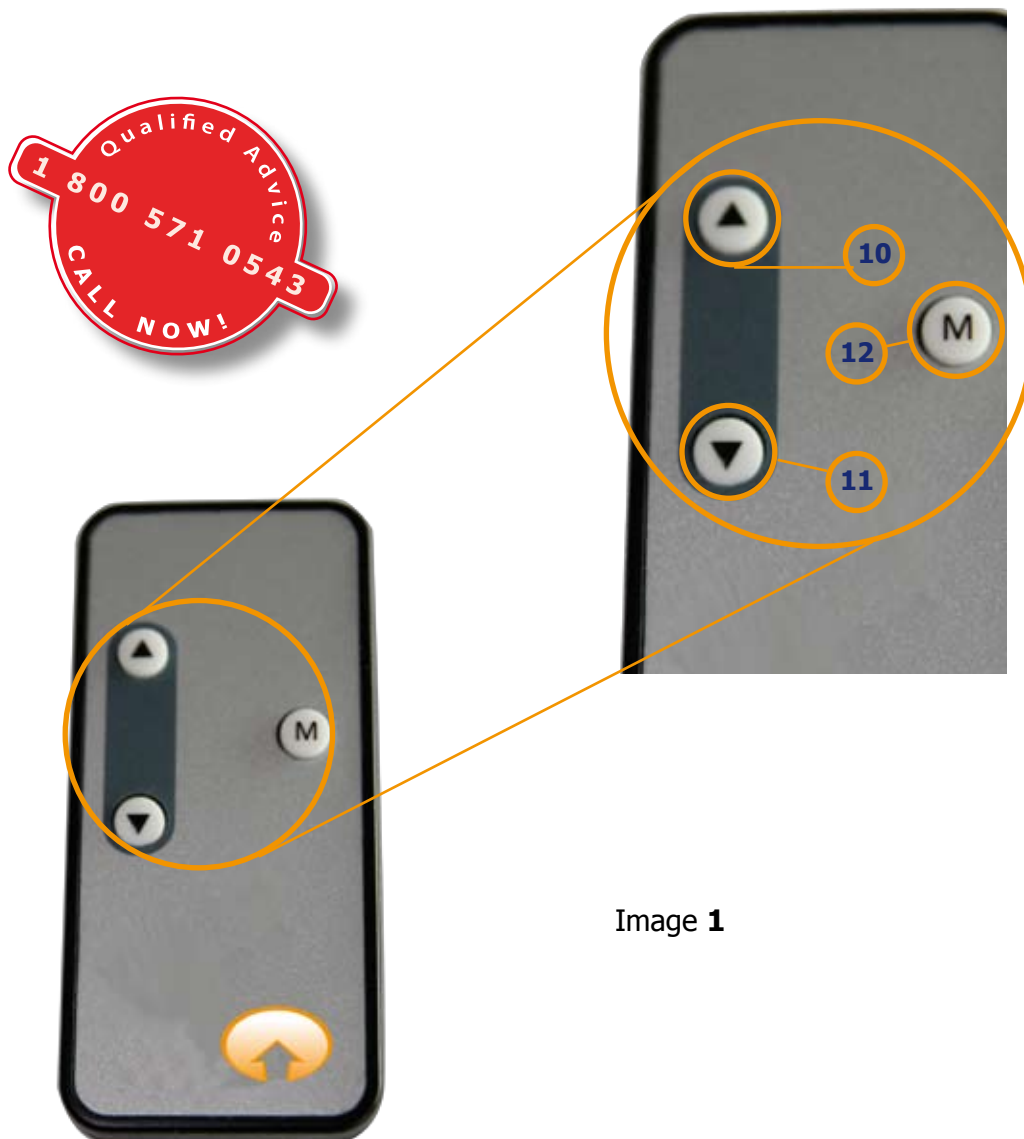
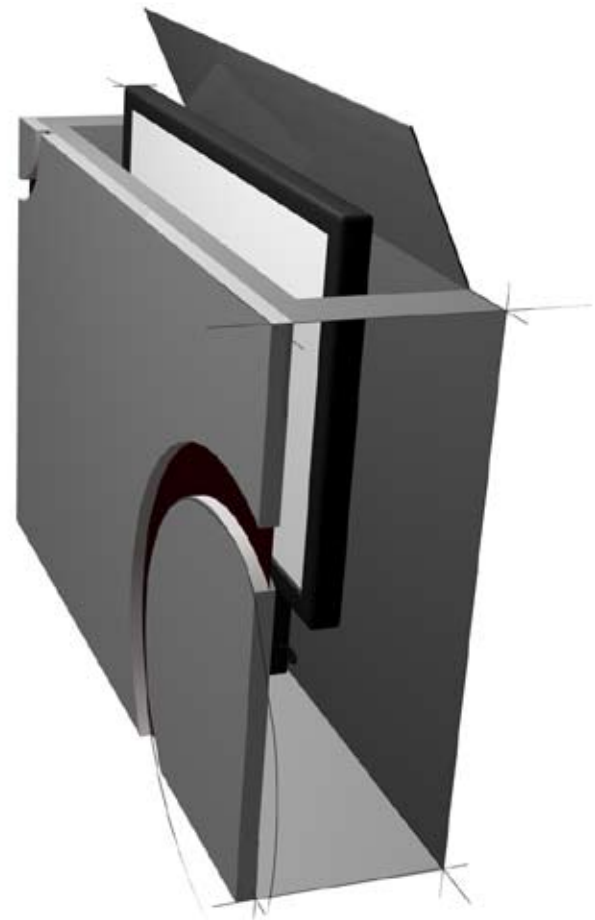


Image 1





Image 1



Lid variation 1:

A lid closing mechanism on the rear section of the unit incorporating spring damped hinges which opens automatically when the Flatlift moves upwards. Different lid closing solutions are available depending on the realisation of the project (image 1).

The A/V installer which is installing the Flatlift thus enjoys flexibility and can also change the lid solution again at a later time. When the Flatlift retracts, the cover closes softly thanks to the spring dampened hinges.



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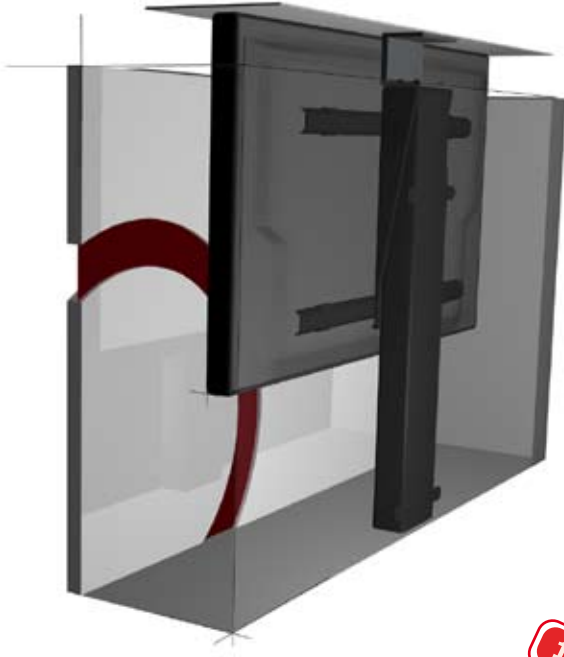
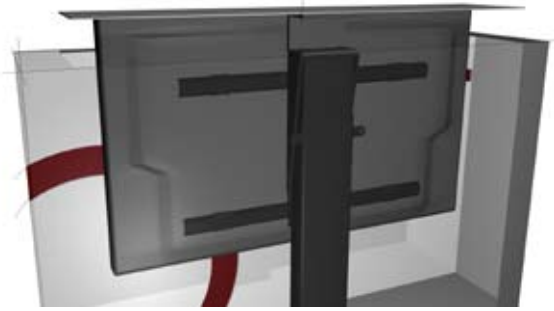


Image 3



Lid variation 2:

In this version, the lid goes up with the Flatlift and rests on the top of the TV set. This variation is known as the 'floating top' version.

Depending on the customer requirements, you can also attach the lid to the Flatlift using a U-bracket and/or attach it to the TV holder with 2 L-rods, as shown in image 4.

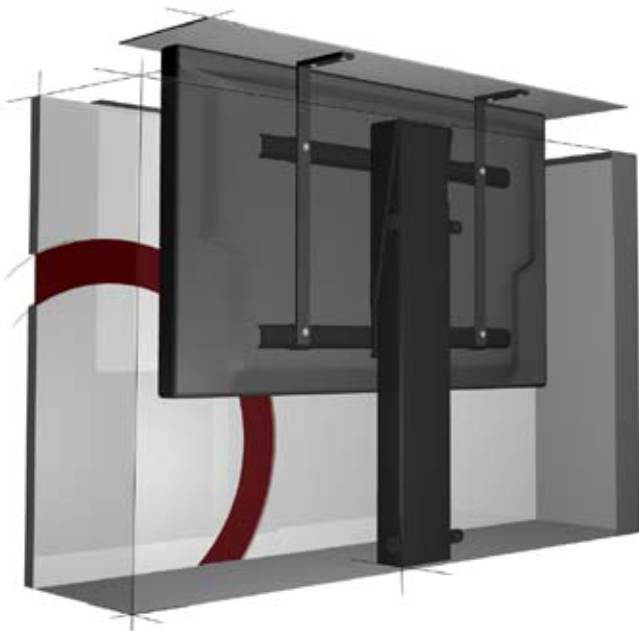


Image 4





Image 5

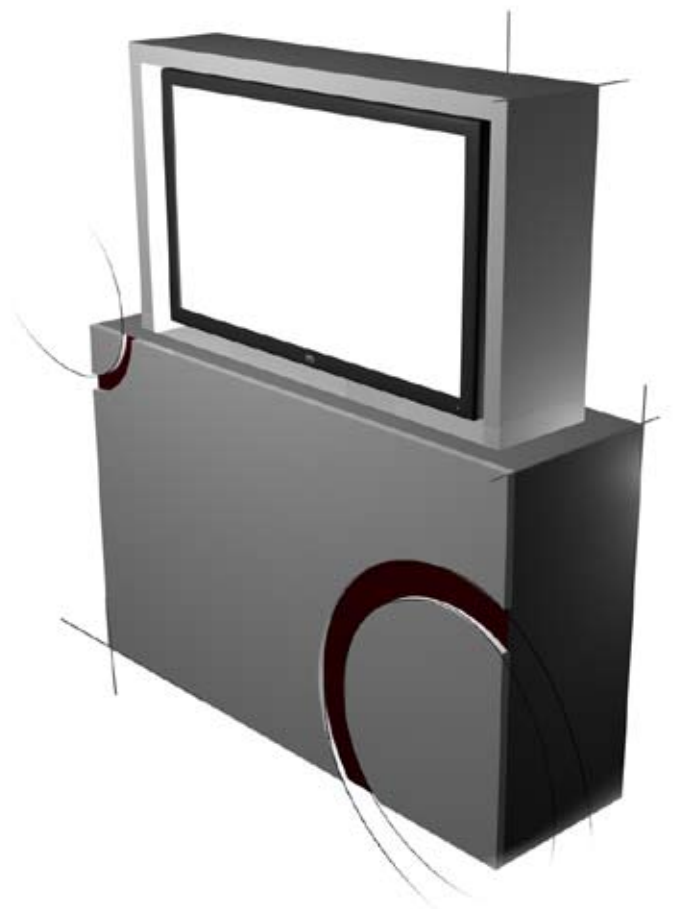
Lid variation 3:

With this solution a complete enclosing of the TV is achieved, which blocks out the back of the TV set. This variant is often used in divided rooms and/or on yachts.

WARNING!

With the complete covering of the TV set, the weight of the TV and the weight of the covering must not be too much for the lifting power of Flatlift.

On image 5 (cross section), you can see how the case has been attached to the Flatlift. This variant is similar to lid version 2 (refer to P.11, image 3). When the Flatlift is fully retracted, the lid is flush with the rest of the top of the unit.



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Recommended installation for integration with furniture:

The Flatlift Pop-Up Discount TV lift has a lift height of 35.98" in. As different installation options are possible for the system, we will now explain how the system is to be best arranged with installation on a cabinet.

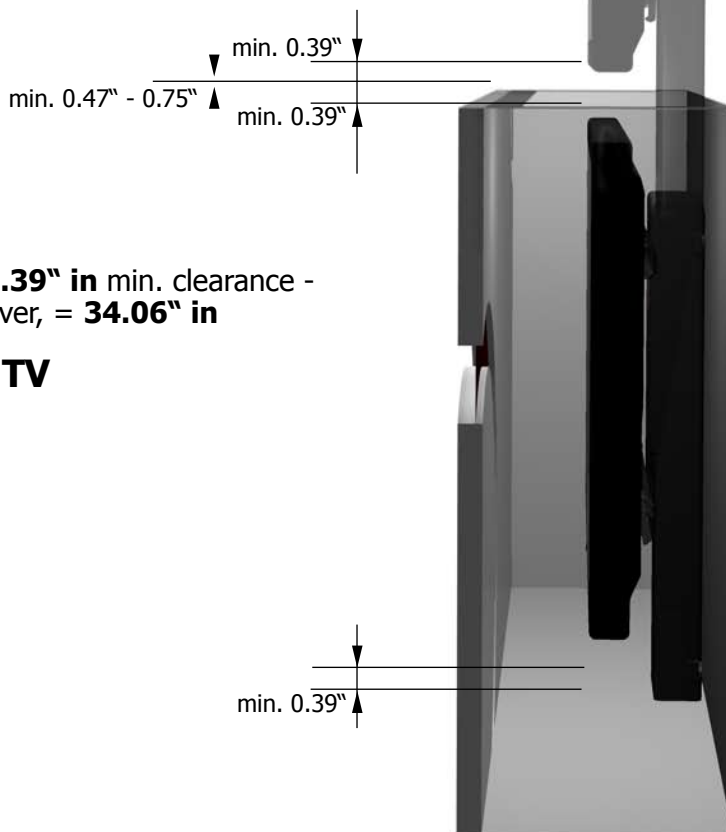
The following rule applies with cabinet and/or furniture installation:

There must be at least 0.39" in clearance underneath the TV which is attached to the Flatlift. This clearance is always required for the initialisation run. Clearance of at least 0.39" in must also be provided above the TV. When the Flatlift is fully extended, we also recommend a minimum clearance of 0.39" in between the bottom edge of the TV set and the top surface of the furniture.

The following calculation formula therefore results with concern to the height of the TV set:

Lift height, Flatlift = **35.98" in** - **3 x 0.39" in** min. clearance - (0.47" to **0.75" in**) thickness of the cover, = **34.06" in**

34.06" in = max. height of TV



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Set up at sofa or couch:

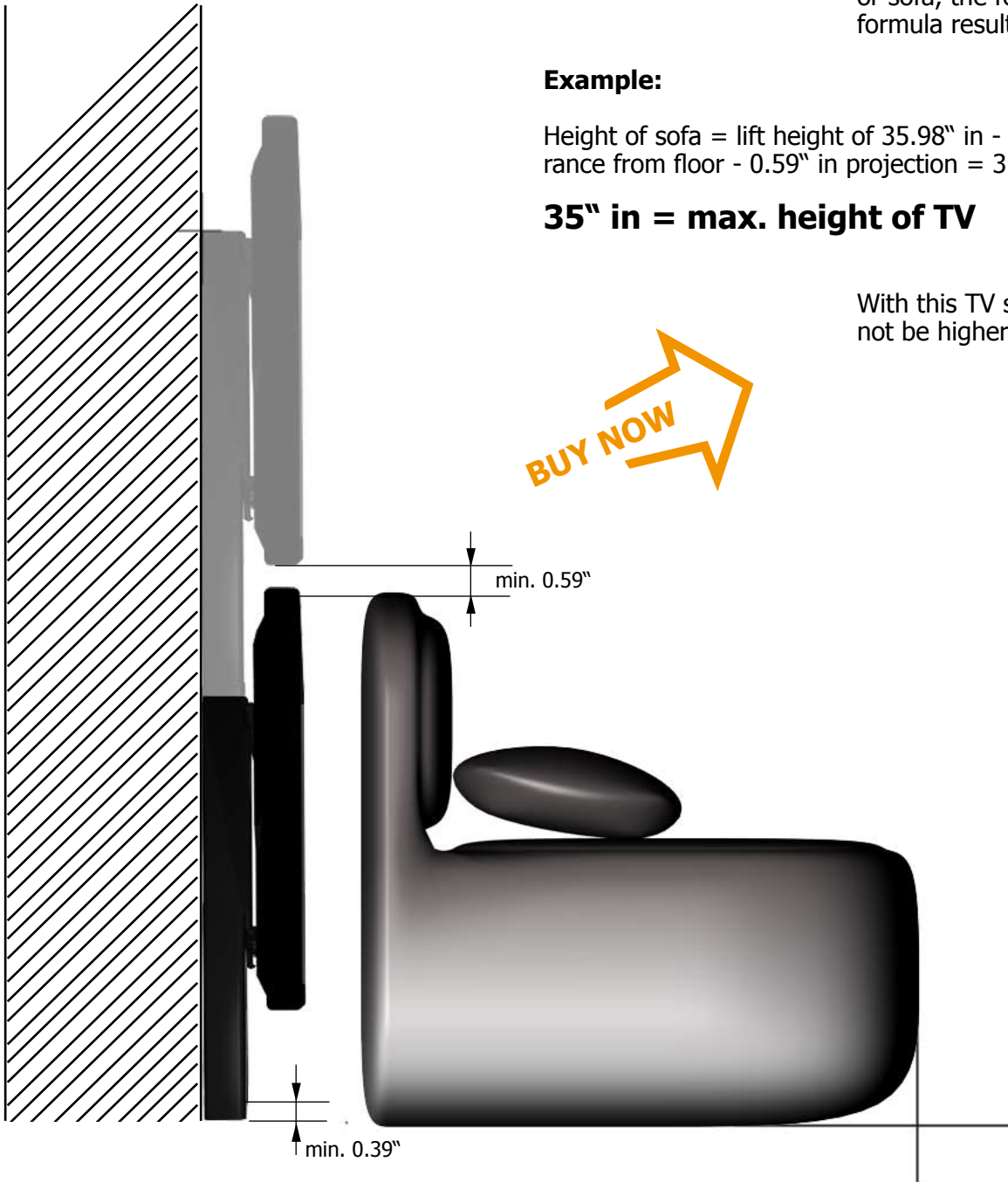
For installation behind a couch or sofa, the following calculation formula results:

Example:

Height of sofa = lift height of 35.98" in - 0.39" in min. clearance from floor - 0.59" in projection = 35" in

35" in = max. height of TV

With this TV set, the sofa must not be higher than 35" in.



Trouble shooting:

If your Flatlift is not working properly, please make sure you check the following things:

The Flatlift won't move up or down

- ⇒ Is the power cord attached to the control box?
 - S Check the mains connection
- ⇒ Are all of the plugs properly connected to the control box? (NOTE: plugs which are not connected properly can damage the system)
 - S Check all of the connections
 - S The motor cables must be connected starting at port 1 and going up
- ⇒ Is there any evidence of damage to the cables, the control box, the remote control or the Flatlift?
 - S Damaged components must be exchanged. Please contact us.
- ⇒ The Flatlift has stopped and will only move in the wrong direction.
 - S Is your Flatlift fully extended already?
 - S Is the TV too heavy?
 - S Remote control command possibly deleted!
 - S Programming or initialisation error!
 - S Stopping point incorrectly programmed
- ⇒ Have you, in error, attached a TV to your Flatlift which is too heavy?
 - S Take the TV off the Flatlift and now see if the Flatlift works.
- ⇒ Is the IR remote control working?
 - S Change the battery in the remote control if necessary.
 - S Make sure, that the IR receiver is not hidden.
 - S Check the cable connection of the IR receiver.

Please contact us if this particular point is relevant to you.

If you experience any problems setting your system up or you experience an error, you can also contact us over the telephone or via Email:

Customer Service:

Via email: info@flatlift.net

Our telephone service time is 7.30 am - 5.30 pm. The telephone number is 1 800 571 0543. Please have the following information at hand / or include it in any email that you sent to us:

- ⇒ Your customer number
- ⇒ Your invoice number or delivery receipt number
- ⇒ The purchase date of your Flatlift
- ⇒ The name/model of your Flatlift system



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FLATLIFT References



Legal Notice

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