

LivInc 2 Part Semi Pro

abode



Warranty:

All Abode products are made using the highest quality materials and components, to ensure that they meet or exceed all UK or European Standards.

All products are thoroughly tested, and quality checked.

All products are backed with a comprehensive warranty and we are confident that they will give many years of trouble-free service.

The warranty applies to products used for normal domestic purposes and where the installation, care and maintenance instructions have been observed.

The warranty extends to the original purchaser only.

Details of Warranty duration and Terms & Conditions for each product type can be found on our website (www.abodedesigns.co.uk).

Important Care Instructions for your Product:

To maintain the appearance of this product, ensure that it is regularly cleaned only using a clean, soft damp cloth. A solution of warm water and a mild liquid detergent may be used where necessary, and then the fitting rinsed thoroughly and wiped dry. Any other cleaning action or use of common domestic cleaning products will invalidate your warranty.

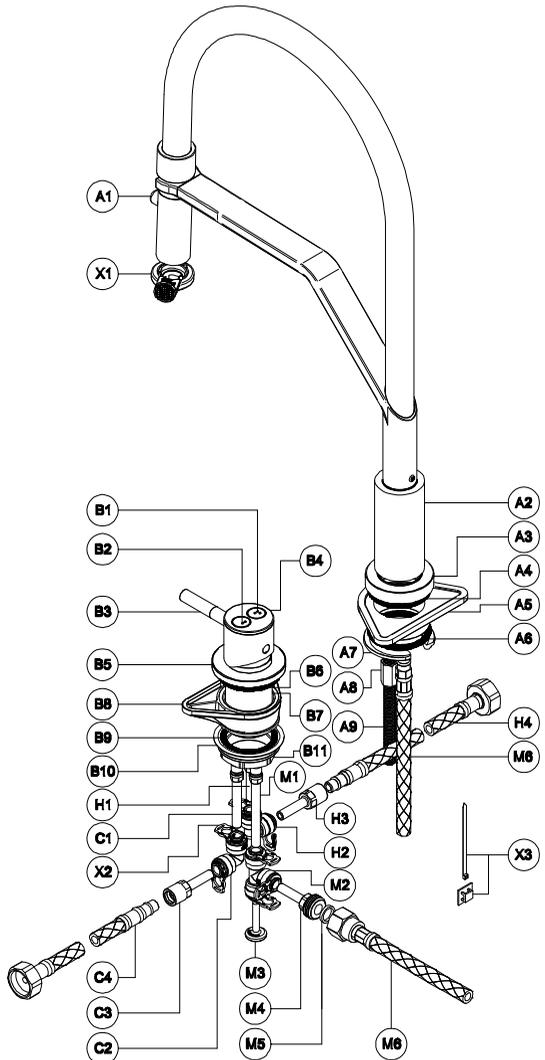
If the product has a plastic aerator insert at the end of the spout it should be unscrewed and the plastic internal insert only removed and cleaned or descaled to maintain flow performance. Do not use descaling solution on any decorative metal housing, rinse the insert thoroughly before reattaching in the reverse order.

Abrasive cleaners, scouring cleaners and acidic cleaners **must not be used on this product** under any circumstances. Avoid contact with all solvents (including chlorinated solvents, ketones or acetones as these may result in surface deterioration or etching). Also avoid contact with any harsh household chemicals such as oven cleaners, drain cleaners, rust removers, paint strippers and toilet bowl cleaners, bar keepers friend or Brasso.

Please leave these instructions for your customer.

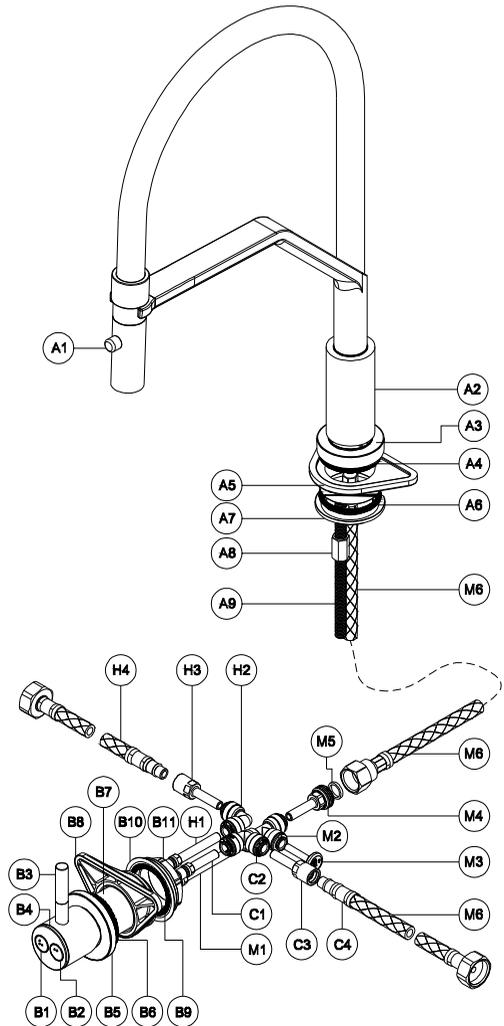
Parts and Contents (vertical valve example installation):

Key	Description	Qty
A1	Sprayhead	1
A2	Spout body	1
A3	Spout base plinth	1
A4	Spout upper seal	1
A5	Triangular stabiliser	1
A6	Lower gasket	1
A7	Fixing horseshoe	1
A8	Fixing nut	1
A9	Rounded fixing bolt	1
B1	Hot indicator  (H)	1
B2	Cold indicator  (C)	1
B3	Control lever	1
B4	Handle base	1
B5	Control base plinth	1
B6	Control upper seal	1
B7	Control body	1
B8	Triangular stabiliser	1
B9	Lower gasket	1
B10	Fixing ring	1
B11	Fixing nut	1
C1	Cold inlet stem (59mm)	1
C2	Cold 1/4" PF elbow	1
C3	1/4" stem x M8 adaptor	1
C4	Cold water hose	1
H1	Hot inlet stem (39mm)	1
H2	Hot 1/4" PF elbow	1
H3	1/4" stem x M8 adaptor	1
H4	Hot water hose	1
M1	Mixed water stem (69mm)	1
M2	1/4" PF Tee	1
M3	1/4" PF stop end	1
M4	1/4" stem x 3/8" adaptor	1
M5	Fibre seal	1
M6	Mixed water hose (750mm)	1
X1	Aerator key	1
X2	1/4" PF locking clip	7
X3	Cable tie & base	4



Parts and Contents simplified view (horizontal valve example installation):

Key	Description	Qty
A1	Sprayhead	1
A2	Spout body	1
A3	Spout base plinth	1
A4	Spout upper seal	1
A5	Triangular stabiliser	1
A6	Lower gasket	1
A7	Fixing horseshoe	1
A8	Fixing nut	1
A9	Rounded fixing bolt	1
B1	Hot indicator  (H)	1
B2	Cold indicator  (C)	1
B3	Control lever	1
B4	Handle base	1
B5	Control base plinth	1
B6	Control upper seal	1
B7	Control body	1
B8	Triangular stabiliser	1
B9	Lower gasket	1
B10	Fixing ring	1
B11	Fixing nut	1
C1	Cold inlet stem (59mm)	1
C2	Cold 1/4" PF elbow	1
C3	1/4" stem x M8 adaptor	1
C4	Cold water hose	1
H1	Hot inlet stem (39mm)	1
H2	Hot 1/4" PF elbow	1
H3	1/4" stem x M8 adaptor	1
H4	Hot water hose	1
M1	Mixed water stem (69mm)	1
M2	1/4" PF Tee	1
M3	1/4" PF stop end	1
M4	1/4" stem x 3/8" adaptor	1
M5	Fibre seal	1
M6	Mixed water hose (750mm)	1
X1*	Aerator key	1
X2*	1/4" PF locking clip	7
X3*	Cable tie & base	4



*not shown for clarity

Installation Instructions:

Preparation

Before installing the new product it is essential that you thoroughly flush through the supply pipes in order to remove any remaining solder, swarf or impurities from your system. Failure to carry out this simple procedure could cause problems or damage to the workings of the product or reduce performance invalidating the warranty.

We strongly recommend best practice of installing particle filters and isolation valves to both the hot and cold feed pipes in an accessible position. This will help to prevent premature failure of the valves and ease any future maintenance.

All parts should be removed from their packaging and inspected for any transport damage prior to installation.

Shut off (isolate) your hot and cold water supply locally at the point of installation before continuing with the installation. If the water cannot be isolated locally then turn off the mains stopcock and power to any heating system, now open the lowest tap or drain point in the system until both hot and cold supplies are fully drained.

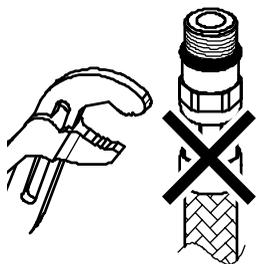
This product requires 2 x 35mmØ tap holes, if replacing an existing product, remove it and clean the end of the hot and cold feed pipes using wire wool, the tap hole area should be free from dirt and sealant.

Loosely position the product and fittings to check if any alteration to the existing pipework is required, if needed, do this now.

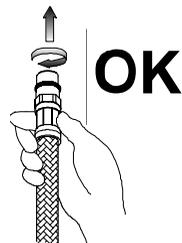
If the product is single flow (see section important technical data "flow characteristics") then non return (check) valves must be installed to comply with regulations. Some products are supplied with non-return valves this will be noted in the instructions.

⚠ Correct use of Flexible Hose Connectors

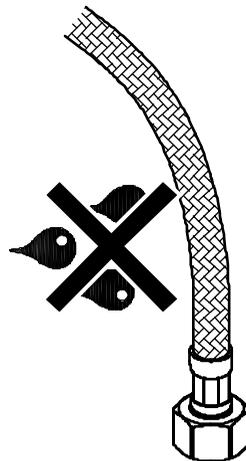
If this product is supplied with flexible hose connections for ease of installation you must observe the conditions below, failure to observe these standard installation guidelines will invalidate the warranty for your product.



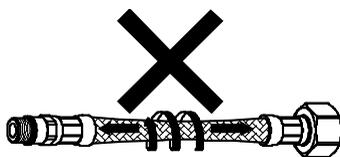
Always screw the flexi hoses into the product only by hand, until feeling mechanical rest, a spanner must not be used on the product end of the connecting hose.



Always use the pipes provided and not an alternative substitute

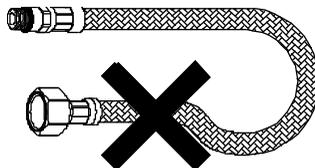


The braiding on the flexible hose must not be in contact with anything else, for example chemicals, internal or external room walls or dissimilar metals or materials or sharp objects.



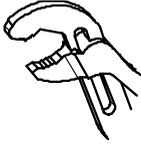
Never twist or stretch the flexible hose during installation.

Do not overtighten the hexagonal end of the hose connecting to the supply feeds when

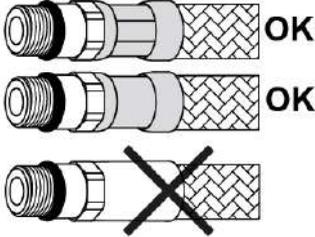
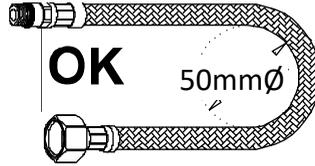


Hoses must not be double bent in multiple directions kinked or looped.

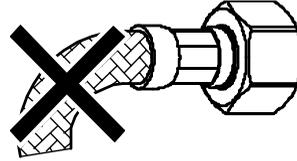
Observe the minimum bend radius of 50mm.



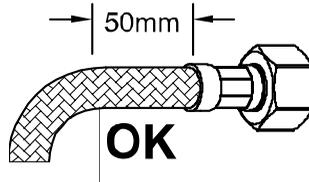
using a spanner causing the hose to twist.



Before assembling the hose to the product ensure the hose ferrule has been crimped (as highlighted) on both ends of the hose after the braided hose sleeve.



Both ends of the hose must have a minimum 50mm straight section before any bend.



Installation Notes:

This LivInc mixertap is designed to be installed in multiple possible locations, orientations and rotations, the installation diagrams are only intended as indicative examples, some important guidance must always be followed:

1. When using the 1/2" pushfit fittings:
 - a. Fittings must always be connected firmly (until stopped)
 - b. All fitting connectors must have locking clips (X2) attached.
2. Inlet extension stems (H1,C1,M1):
 - a. It is possible to omit the inlet stems and elbows (H1,H2 & H3 and/or C1,C2 & C3) in this instance the flexible hose (H4 and/or C4) can be screwed directly into the valve body, the extensions and elbows may be useful in other installation layouts to route the flexible hoses more conveniently.
 - b. If using the stems **ENSURE** the longest stem (69mm) (M1) is used on the mixed water valve outlet.
 - c. Take care not to scratch the stem connectors / adaptors prior to attaching push fit connections.
3. This product is designed to be compatible with rise and fall worktops, for this reason the mixed water hose has a non-captive (rotating) hose end.
4. The inlet and outlet hoses may be extended using appropriate flexible rise and fall kits if required, for example Art. no. 506.16.365 (not supplied).
5. Self adhesive bases and ties have been included to assist with routing and fixing of the flexible hoses to the underside of the worktop or sink underside, they also should be used to support the weight of the hoses adjacent any pushfit connections.
6. The handle is designed to be orientated according to the customers use preference or installation location, as such the hot and cold inlets in the valve body are interchangeable as required. Regardless of the hot and cold inlets, the red hot indicator (H) should be visible on the left side of the handle and the braille indicator rotated as shown, the blue cold indicator (C) is always to the right of the handle and the braille indicator rotated as shown.
 - a. To swap the lever indicators, remove the dust cap from the at the rear of handle body (B4) carefully with a fine screwdriver or similar.
 - b. Loosen the screw underneath with a 2.5mm Allen key and lift the handle from the valve body (B7).
 - c. The handle cap (marked abode) and red and blue indicators (B1 & B2) can be pushed away from the handle body (B4).
 - d. Adjust the location and rotation of the markings as required and reassemble in the reverse order.

Installation (vertical control valve example):

STEP 1 - Fix the spout:

1. Screw in the fixing stud (A10) into the base of the spout (A2).
2. Screw the mixed water hose (M6) the base of the spout (A2).
3. Place the base plinth (A3) then upper seal (A4) onto the base of the spout (A2).
4. Place the spout onto the sink or worktop and pass the mixed water hose (M6) and fixing stud (A10) through the 35mm taphole.
5. If fitting the tap to a stainless-steel sink, then white triangular stabiliser (A5) can be placed where shown to help to stabilize the weight of the tap.
6. Pass the lower gasket (A6) and then fixing horseshoe (A7) over the fixing bolt (A9) and around the hose.
7. Fasten the fixing nut (A8) securely onto the fixing stud (A9) to fix the tap into its correct location.

STEP 2 - Fix the control body:

8. If the inlet stems and pushfit are to be used, screw the inlet stems hand tight into the valve body. A small spanner is needed then place it only on hexagonal section. DO NOT SCRATCH THE SMOOTH STEM ENDING. *If the inlet stems are not being used flexible hoses H4 & C4 can be directly screwed into the valve body (B7)*
9. Screw the outlet stem (M1) using the two flats on the stem into body (B7), the valve outlet is marked with a stripe – THE LONGEST 69MM STEM (M1) MUST BE USED ON THE OUTLET, DO NOT SCRATCH THE SMOOTH STEM ENDING.
10. Pass the control valve base plinth (B5) and upper seal (B9) over the valve body (B7).
11. Place the valve body (B7) onto the sink or worktop and through the 35mm taphole, rotate the stick lever (B3) and valve body (B7) as desired.
12. If fitting the tap to a stainless-steel sink, then white triangular stabiliser (B8) can be placed where shown to help to stabilize the weight of the tap.
13. Pass the lower gasket (B9) and fixing ring (B10) over the valve body (B7).
14. Tighten fixing nut (B11) to secure the valve body.
15. Push 90° elbows (H2,C2) firmly and fully onto the inlet stems (H1,C1).
16. Screw the inlet adaptors (H3,C3) onto the hot and cold flexible hoses (H4,C4). Use a small spanner on the flats, DO NOT SCRATCH THE SMOOTH STEM ENDING.
17. Push the inlet adaptors (H3,C3)) firmly and fully into 90° elbows (H2,C2).
18. Depending on the desired routing direction of mixed hose (M6), firmly and fully plug one of the outlets of the 3 way Tee (M2) using stop end (M3).
19. Screw the mixed water adaptor (M4) onto the mixed water hose (M6), ensure to use fibre seal (M5). Use a small spanner on the flats, DO NOT SCRATCH THE SMOOTH STEM ENDING.

20. Push the mixed water adaptor (**M4**) firmly and fully into the open outlet of 3 way Tee (**M2**).
21. Rotate and route the inlet and outlet hoses as required.
22. Secure all pushfit connections using the locking clips (**X2**).
23. Secure the direction and weight of the inlet and outlet hoses adjacent to the valve body using the self adhesive bases and cable ties (**X3**) supplied or similar.
24. Connect the hot and cold inlet hoses (H4,C4) to the incoming water supplies, it is likely long flexible extension hoses will be required for rise and fall worktop installations and should be sourced in an appropriate length for example Art. no. 506.16.365 (not supplied).
25. Test the installation fully moving the sink and tap up and down fully, check all connections carefully for any leaks, especially inlet connections snagging or being stressed or stretched when the rise and fall unit is moved.

After Installation:

Once you have visually checked the new fittings and connections, ensure that all taps and drains are closed except the new product which should be **left open**. Turn on (reconnect) the water supplies, check carefully for leaks around the installation and product function. Once you are sure of no leaks, close the new product and recheck for leaks, turn on the water heating power. Clean and dry the product of any marks from installation then cover the product with the bag provided to protect it until use.

Important Technical Data

Minimum operating pressure: 1.8 bar
Maximum operating pressure: 5.5 bar*

Flow characteristics: Single flow
Maximum hot water temperature: 60°C*
Recommended hot water temperature: 46°C

*If these temperatures or pressures are exceeded, even for short periods, damage can result and will void your warranty. In these instances, reduce the incoming water temperature and or install a pressure reducing valve. Ensure that your Abode product is fitted in accordance with Local Water Byelaws or regulations by a qualified installer. These installation guidelines have been prepared for your direction and you must exercise due care at all times. We do not accept responsibility for problems that may occur through improper installation. Whilst installing the product take care not to accidentally loosen any screwed assemblies.

Manufacturers Product Reference: AT2213

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All errors and omissions excepted.