

Espresso Quick Installation Guide

Service document - 001-0008-1.1



Tools required:

- Pipe Wrench
- 1-5/8 Hole Saw
- 9/32 Drill Bit
- Tube Cutter
- Flat Screw Driver
- Appropriately sized wrench for inlet and drain fittings.
- Appropriately sized wrench for M6 Bolts

SAFETY WARNING:

The risk of serious burns or other bodily injury is always increased when working on a hot machine. Modbar, LLC is not responsible for personal injury incurred while performing service or maintenance on any equipment that has not been cooled, de-pressurized and disconnected from the mains electrical power source.

Tap Procedure:



1. Cut countertop using provided templates. Make sure to drill holes for the M6 (6mm diameter x 1mm thread pitch, commonly referred to as M6 x 1) bolts through the counter for espresso. Depending on the thickness of your counter, you may need to use longer bolts which are available at most hardware stores.	1-5/8 Hole Saw 9/32 Drill Bit
2. Install the tap into the counter. Make sure that the o-ring seal is in place on the bottom surface of the tap. Silicone grease can be used to hold the o-ring in place.	
3. Start threading all three M6 bolts into the tap.	
4. Install the washer and then the retaining nut below counter.	
5. Tighten all three M6 bolts.	Appropriately sized wrench for M6 Bolts
6. Finish tightening the retaining nut with a pipe wrench, if available. Alternatively, you can use a hammer and flat screw driver to tighten the nut, but a pipe wrench allows for	Pipe Wrench

maximum torque on the nut.	
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Module Procedure:



1. Wire electrical plug to module, but do not plug in to avoid accidentally firing the heating elements dry.	Flat Screw Driver
2. Install fittings on the back of the module for drain and water inlet.	Appropriately sized wrench for inlet and drain fittings.
3. Place module in the desired location under the counter.	
4. Connect water inlet and drain tubes, turn on water supply, and check for any leaks on the water inlet.	
5. Connect tap fluid and electrical connections to the module. Make sure that the fluid connection is the supplied thicker walled tubing, and that it slopes back to the module to allow for drain.	Tube Cutter
6. Make sure that the power switch is in the middle, or off position, as illustrated in the Installation poster.	
7. Plug in the power cable.	
8. Turn the power switch to the left position, as shown in the installation poster.	
9. Prime the system by actuating the espresso tap in manual mode. This can be accomplished by moving the handle to the middle position for at least 2 seconds, and then moving the handle to the bottom position. Operate in manual mode until water comes out of the tap for at least 30 seconds.	
10. At this point it is safe to turn the switch to the right position and heat the boilers.	