

# THE UDDER WAY TUV-PRO-039 PUMP INSTALLATION PROCESS REV 2.0

The following Pump Installation Process has been developed by TUV to help aid in the correct and efficient installation of TUV system(s).

Tools required to complete the installation process include but are not limited to:

1	Measuring tape and combination square
2	Pencil and/or Marker
3	Stanley Knife
4	Cordless/ Corded Drills (Impact/ Conventional) or visitors allowed
5	Hammer function may be required for stone or composite stone bench tops
6	Metric Drill bit set
7	Masonry/ tile bits may be required for stone or composite stone bench top
8	40mm Hole Saw
9	A masonry hole saw may be required for stone or compositestone bench tops
10	A carbide tipped hole saw may be required for thicker >~5mm steel bench tops

11	Multigrips/Spanner set or Shifter(s)
12	Caulking gun
13	Silicon
14	Rags
15	Screwdriver Set
16	Drill-driver set
17	Masking tape
18	HD double sided mounting tape
19	Vacuum/ basic cleaning equipment
20	PPE

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STEP	NAME	DETAIL
1	Existing Services/ Utilities Check	The Udder Way urges caution prior to the installation of its system(s). Do NOT proceed until it is confirmed that any services (electricity, gas & plumbing etc) live or otherwise, have been located and or isolated. Should you require further assistance, TUV recommend that the appropriate tradespeople are contacted with planned installation details to ensure service strikes do not occur.
2	Installation Set out and Planning	<p>Prior to commencing the installation, TUV encourage that the planned location of the tap ((relative to the fridge where the keg(s) are kept)) is reviewed and coordinated so that the system functions properly.</p> <p>This includes coordination with joinery/ storage units and other kitchen ware (jug rinser and coffee machines etc) as well as the location for TUV Pump.</p> <p>For best practice TUV recommend that the pump is installed externally to the fridge unit.</p> <p><b>Note - the pump should be installed in an easily accessible and visible place where possible for maintenance purposes.</b></p>
3	Font Set Out	<p>Using the template reference (and font as a guide) drill holes for the font (40mm) and fixings (these may vary dependent on the bench type).</p> <p>TUV suggest placing masking tape on finished bench tops to avoid scratching or damaging surfaces during install.</p>
4	Font Install	Install the font to the bench top using the supplied/ required font fixings.
5	Fridge Penetration	<p>Ensure the fridge is off prior to commencing this step.</p> <p>Using a 10mm drill bit, drill a 10mm hole in the wall of the fridge.</p> <p><b>Danger – Refrigeration units have gas capillaries that reticulate through the walls and roof. If you are uncertain of the location of these capillaries, please contact your refrigeration supplier/ manufacturer.</b></p>
6	Pump Location and Install	<p>Referring Step 2.0 above and leaving the pump unplugged - Install the pump in the pre-planned position by applying 135mm of HD double sided mounting tape to back the pump.</p> <p>Place the pump with the "outlet" fitting facing toward the font location.</p> <p>Press and hold the pump in position for thirty (30) seconds to ensure a good bond.</p> <p><b>Ensure the nominated surface is clean and dry prior to install of the pump.</b></p>

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7	Reticulation of outflow milk Line	<p>Feed a supplied length of clear milk line into the mouth of the font spout.</p> <p>Prior fully inserting the milk line into the spout, insert the end of the milk line into the black WMF adaptor and press into the mouth of the spout.</p> <p>Leave the dead end of the milk line below bench for Step 11 below.</p> <p><b>Caution – ensure the milk line is fully inserted (15mm) into the WMF adapter.</b></p>
8	Switch Cable Reticulation	<p>Ensure the pump is off prior to commencing this step.</p> <p>Separating the pump cables (power cable and switch cable), feed the switch cable from the pump up and out of the face of the font.</p> <p>Leave the dead end of the switch cable exposed for Step 10 below.</p>
9	Lagging Install	<p>Feed the 2m length of black lagging onto the loose end of the milk line until the lagging can be seen in the mouth of the font.</p>
10	Switch Connection	<p>Referring Step 8 – Connect the dead ends of the switch cable to the screw terminals on the back of the switch plate.</p> <p>Once the switch connection is complete the switch plate can be secured to the font by turning the large nut “clockwise”</p>
11	Outflow milk line Connection	<p>Referring Step 7 – If required, trim the dead end of the milk line (and lagging) to suit the desired length needed to reach the “Outlet” fitting of the pump.</p> <p>Connect the milk line to the outlet fitting on the pump.</p> <p><b>Caution – ensure the milk line is fully inserted into the outlet fitting.</b></p>
12	Inflow milk line Connection	<p>Referring Step 5.0 - Feed the second supplied length of clear milk line through the pre-drilled 10mm hole in the fridge, allowing enough length to service kegs and insert the white WMF fitting.</p> <p>If required, trim the dead end of the milk line to suit the desired length needed to reach the “inlet” fitting of the pump.</p> <p>Prior to connecting the milk line to the inlet fitting on the pump, Feed black lagging onto the loose end of the milk line.</p> <p><b>Caution – ensure the milk line is fully inserted into the inlet fitting.</b></p>
13	Power Connection	<p>Referring Step 8 – Insert the pump power cable into the female power pack plug.</p> <p>Plug the power pack into the relevant 240v source.</p>
14	Completion	<p>The Udder Way rough in/ installation process is now complete.</p> <p>To claim your TUV warranty please send a copy of your business name and proof of purchase to <a href="mailto:enquiries@theudderway.com">enquiries@theudderway.com</a></p> <p>To review the next steps for the relevant system you have purchased please review the how to guides.</p>