

Instruction Manual: 1900944
Machine P/N: 1000944 #, 1001944US,
1000945 #, 1001945US

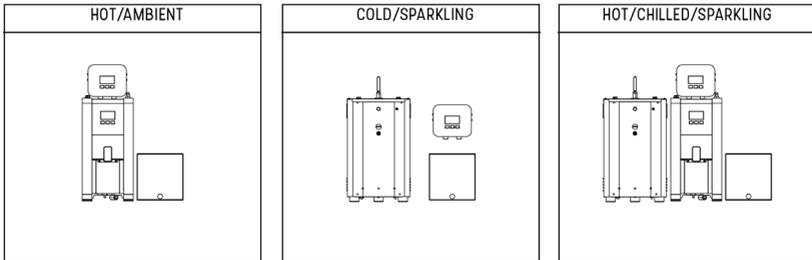
POUR'D
Control Box

Contents

1.Box Contents.....	3
2.Introduction/Safety.....	4
3.Connections.....	6
4.Installation.....	10
4.1) POUR'D 3 Button font with Boiler.....	10
4.2) POUR'D 3 Button font with Chiller.....	13
4.3) POUR'D 3 Button font with Boiler & Chiller.....	16
4.4) POUR'D 3 Button Diluted Concentrate..	19
4.5) POUR'D 3 Button (Multiple Source).....	22
4.6) POUR'D Touch with Boiler.....	25
4.7) POUR'D Touch with Chiller.....	26
4.8) POUR'D Touch with Boiler & Chiller.....	27
5.Engineering Setup & Calibration.....	28
6.ChangingButtons.....	29
7.Cleaning.....	30
8.FontOperation.....	31

* Please note: where “concentrate” is noted in the manual, syrup can also be used

Possible Configurations

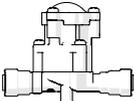
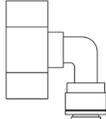
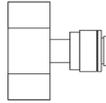
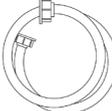
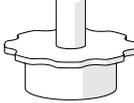
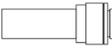


Item	Compatible with
1000944	100941, 100942, 100943
1001944US	100941, 100942, 100943
1000945	100990
1001945US	100990

Box Contents

Item	Part Number	Quantity
Control Box	1000944 / 1000944EU / 1001944US	1
IEC Power Cable	1501489 / 1501488 / 1501506	1
Scholle BIB Connector 1/4" Barb (US)	2100047	1
Hose Water Inlet 9/16"-24 UNEF (US)	1800693	1
Valve Elbow 3/4" to 1/4" Pushfit Elbow	1400829	1
Soft Tubing for BIB connector (1m)	1800519	1m
DIN Connector cable	1501180	1
Barbed connector 5/16" to 1/4" for BIB connector	1400769	1
Hard Concentrate 1/4" tube	1860372	2
LLDPE Tube 1/4" (2m)	1800637	2m
Reducer 5/16" to 1/4" for syrup bottle use	1400839	1
BSP 3/4" to 1/4" Pushfit	1400836	1
Reducer Connector 3/8" to 1/4" for pressure reducer	1401658	2
Pressure Restrictor, 1.2 Bar, 3/8" Pushfit for water inlet	1402322	1
Filter concentrate line, 1/4" BARB for ColdBRU coffee	8000401	1
Shole BIB Sanitizer Connector	2100046	1
LLDPE Tube 3/8" (50mm)	1800627	0.05m
Instruction manual	1900944	1

Box Contents

1401658	1402322	Connectors you will find in the box:		
		<ul style="list-style-type: none"> • Eu Version ▭ • US Version ▭ • EU/US Version ▭ 		
1400829	1400836	8000401	1800693 (US)	2100046
				
1400769	1400839	1860372	1800637	2100047
				

Introduction

The information provided in this manual is intended to assist in the installation and maintenance of the POUR'D Control Box. Please read the instructions carefully to prevent accidents and ensure an efficient installation. This manual is not a substitute for any safety instructions or technical data affixed to the machine or its packaging. All information in this manual is current at the time of publication and is subject to change without notice. The company accepts no responsibility for any damage or injury caused by incorrect or unreasonable installation and operation.

Safety

When using electrical appliances, basic safety precautions should always be followed to prevent the risk of fire, electric shock, burns, or other injuries or damages.

- Read all operating and safety instructions carefully.
- This appliance is suitable for indoor use only.
- This appliance must be placed/installed on a horizontal flat stable surface.
- The ambient temperatures this appliance should operate within are 5 °C - 35 °C.
- Do not store the appliance in ambient temperature lower than 5 °C.
- This appliance is designed for use in commercial or self serve areas in which it can be attended to by trained personnel.
- The hose supplied with the machine is non-toxic food quality tested to 130kPa (190psi). However, a hose is not a permanent connection. It is, therefore, advisable to switch off machine and close the stopcock valve when machine is not in use, e.g. overnight etc.
- If a non-fixed water connection is implemented, use only the water hose provided with the appliance, alternatively, if a fixed water connection is used it must be implemented using a non-detachable water hose.
- If the water hose is disconnected the seals should be replaced before re-connection.
- The utmost care has been taken in the manufacture and testing of this machine. Failure to install, maintain and / or operate this machine according to the manufacturer's instructions may result in conditions that can cause injury or damage to property. If in any doubt about the serviceability of the machine always contact the manufacturer or your own supplier for advice.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- In the event where any wires are damaged, such wires can only be replaced by qualified service technicians.
- CAUTION - Risk of fire and electric shock. Only to be used with manufacturer's specified power cord set.
- This appliance should not be installed in an area where a water jet could be used to clean it.
- Access to the service area of the appliance is restricted to persons having knowledge and practical experience of the appliance and the relevant safety and hygiene requirements.



**CAUTION
SANITISATION**

Before sanitising the equipment, carefully read the instructions given by the sanitisation product manufacturer and put on all the necessary personal protective equipment (gloves, masks, etc.).

Ensure that the premises are well ventilated.

The sanitisation operations should only be carried out by specialised technical assistance personnel.



**DANGER
ELECTRICAL MAINS**

Always disconnect the equipment from the electricity supply before doing any work on it, to prevent damage and health hazards.



**CAUTION
ELECTRICAL REQUIREMENTS**

The electrical circuit must be correctly earthed and connected by means of a suitable differential safety breaker.



**CAUTION
ELECTRIC POWER SUPPLY**

Do not connect or disconnect the machine from the socket with wet hands.

Insert the plug into the wall socket firmly.

Do not pull on the supply cable in order to remove the plug from the socket.



**CAUTION
REPLACEMENT OF THE POWER CABLE**

If the power cable is damaged, it must be replaced by the manufacturer or their assistance service or a similarly qualified person in order to prevent any possible risk.



**WARNING
MALFUNCTION**

If smoke, unusual smells or strange noises are emitted from the machine, disconnect it immediately from the socket and contact the local retailer or technical service assistance. Use of the machine in these conditions could cause fires or electric shocks.



ATTENTION

If the equipment is installed in a kitchen, European Standard EN 60335-2/75 specifies that it must be connected to an equipotential circuit via a wire with section between 2,5 and 10 mm². This connection must be carried-out by a skilled technician, in compliance with the regulation in force in the country of use.



**WARNING
WATER SUPPLY**

Connect the water dispenser exclusively to a line of drinkable water supply.

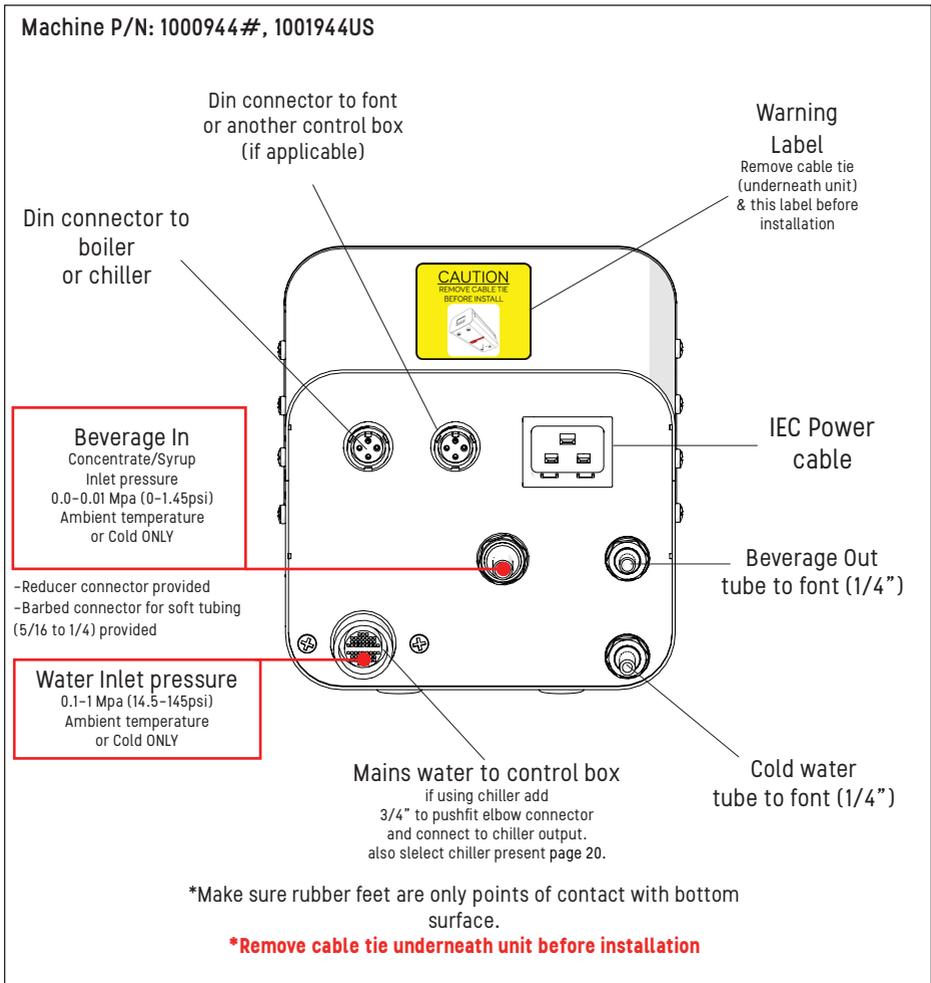


**WARNING
WATER SUPPLY**

In order to avoid accidental flooding due to losses that may occur on the water supply line, external or internal device it is necessary to install the appropriate anti-flooding valve "WATER BLOCK" (not included in the unit) .

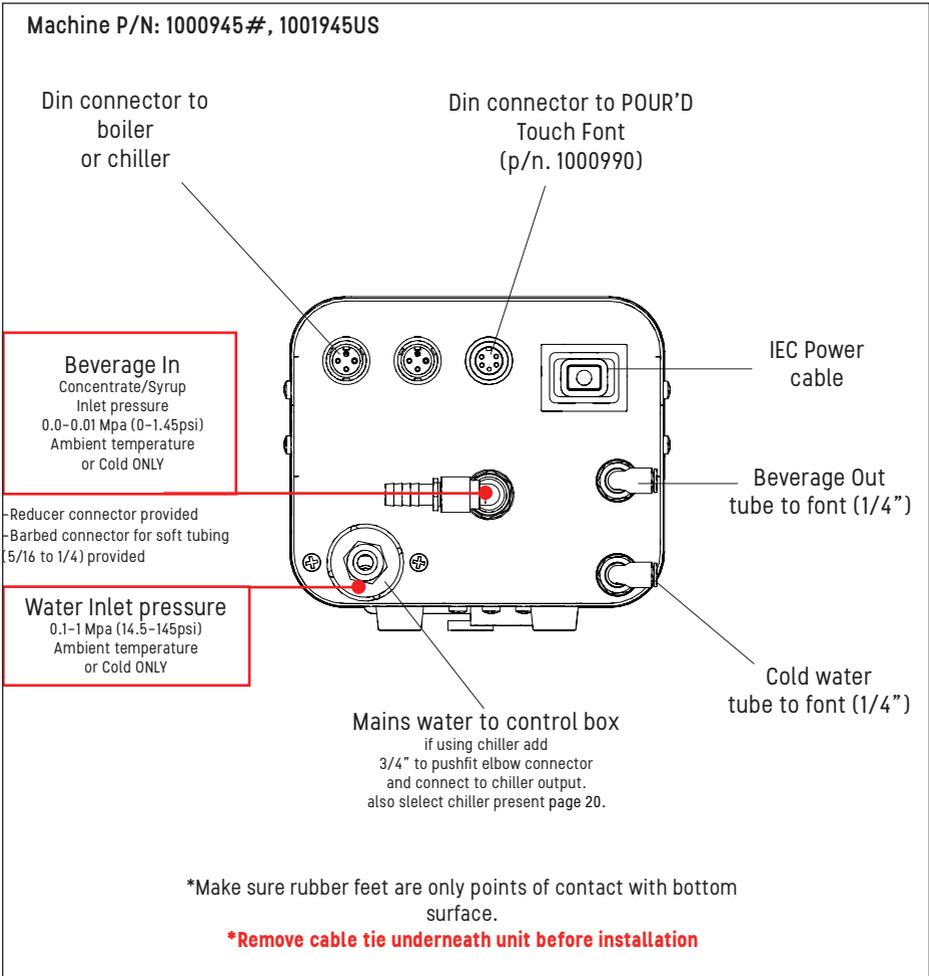
Connections

This equipment must be installed with adequate backflow protection to comply with all applicable federal, state and local codes.



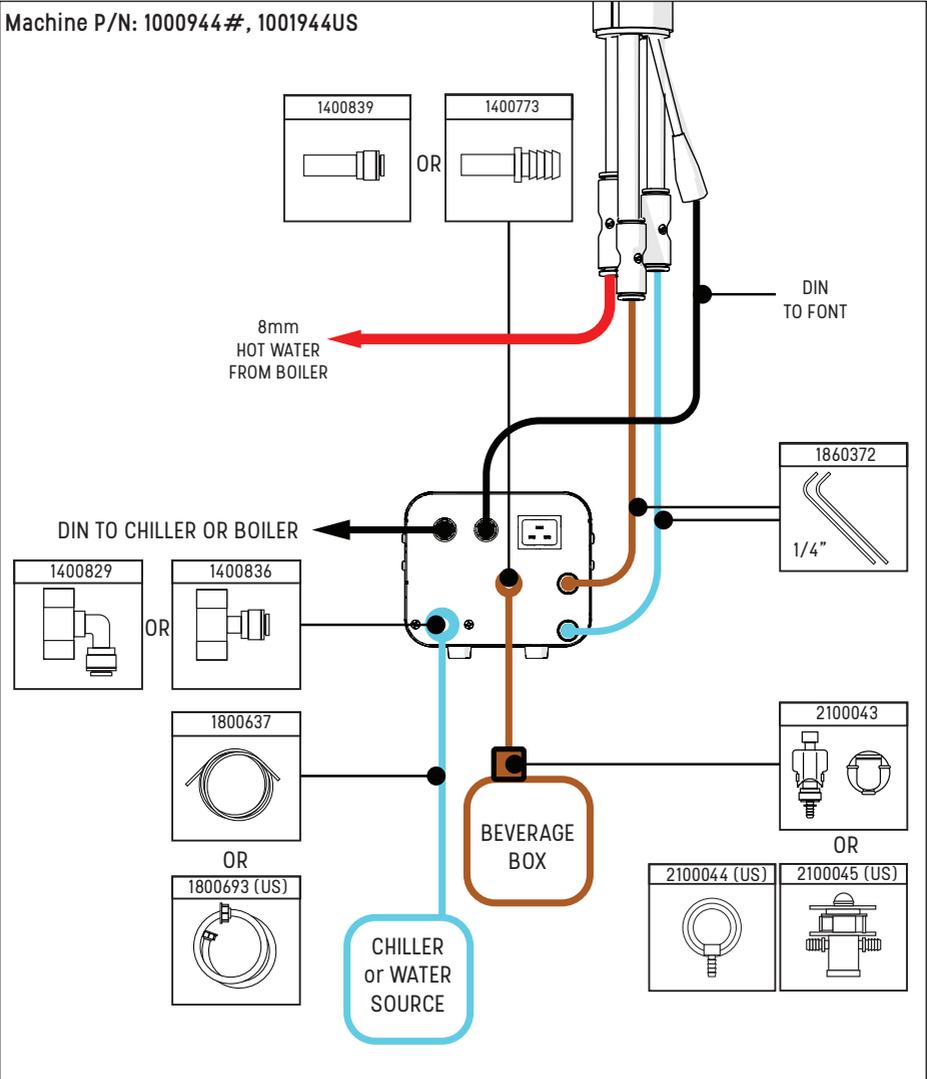
Connections

This equipment must be installed with adequate backflow protection to comply with all applicable federal, state and local codes.



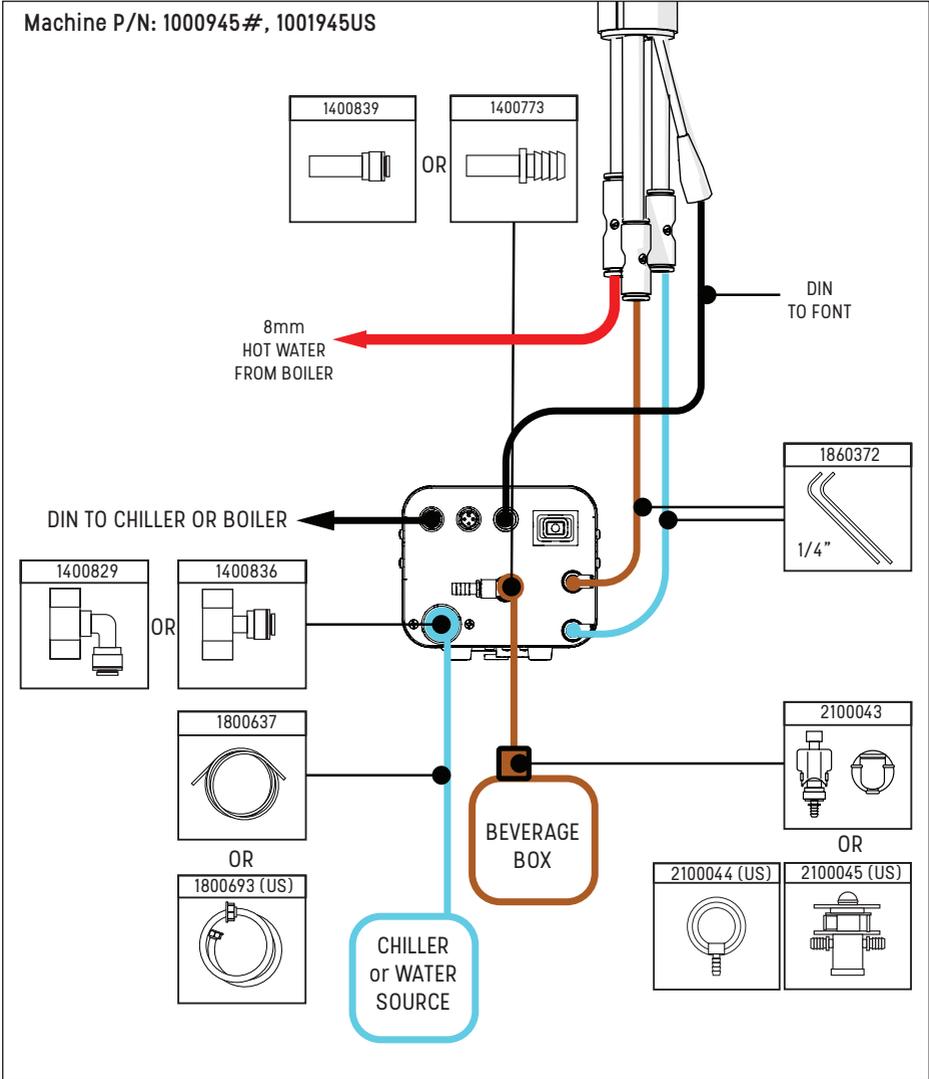
Connections

Machine P/N: 1000944#, 1001944US



Connections

Machine P/N: 1000945 #, 1001945US



Installation

4.1) POUR'D 3 BUTTON FONT WITH BOILER

DILUTED CONCENTRATE WITH HOT OR AMBIENT WATER & CONCENTRATE SHOT
POUR'D 3 Button Font (1000942)

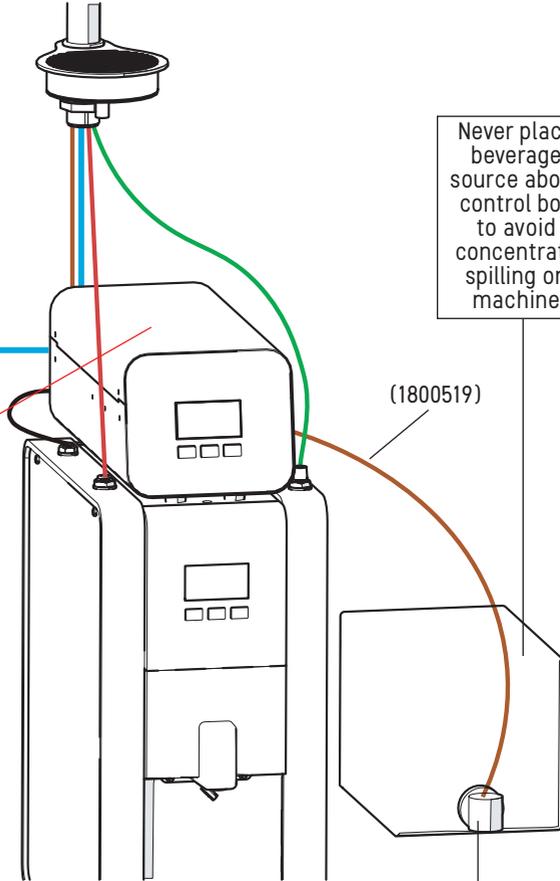
Machine P/N:
1000944 #, 1001944US

Connecting Hoses
For use with boiler

Plumbed
to mains



Warning Label
Remove cable tie
(underneath unit)
& this label before
installation

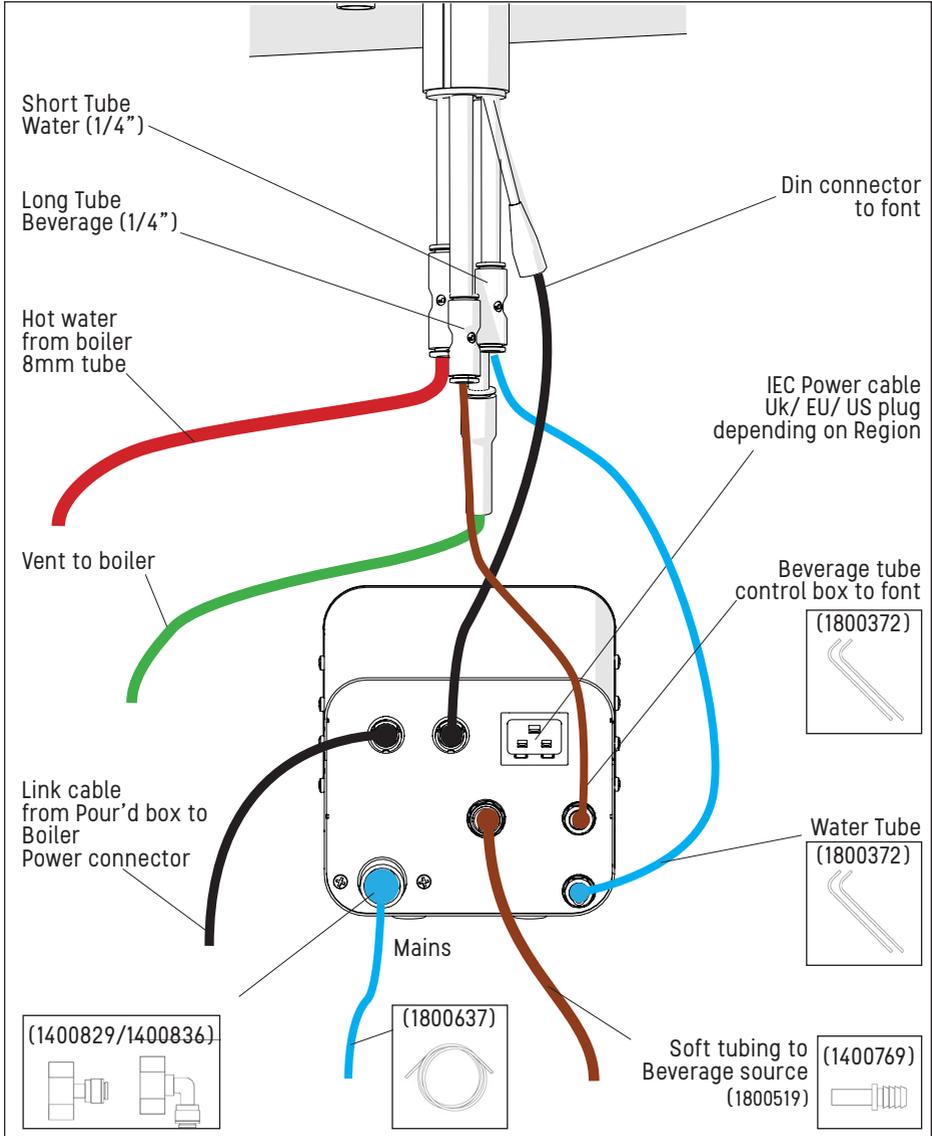


Never place
beverage
source above
control box
to avoid
concentrate
spilling on
machine

(1800519)

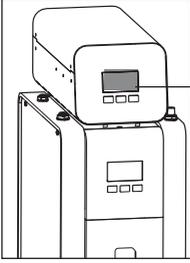
(2100047)

Installation

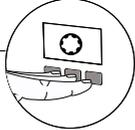


Installation

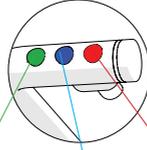
Control Box Setup



1-Press3 buttons, short hold



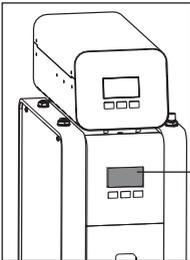
2-Set up each button



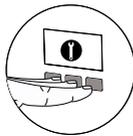
HOT	COLD	RTD	MODE
020%	020%	--	% CONCENTRATE
P&H	200ml	30ml	OVERALL DISPENSE VOLUME
Next	-	-	(P&H = push and hold)

MODE	DESCRIPTION
HOT	Hot water (set ratio to 0%)
COLD	Mains water mixed with concentrate (set ratio to 0% for just cold water)
RTD	Ready to drink, undiluted concentrate
OFF	Button non-active

Boiler Setup



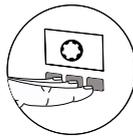
1-Press3 buttons, long hold



2-Set mode to UC MIX both

Factory preset		
Mode:	UC MIX BOTH	
Temp units:		°C
Next	-	+

3-Press3 buttons, short hold



4-Set all temperatures the same and volumes to 0

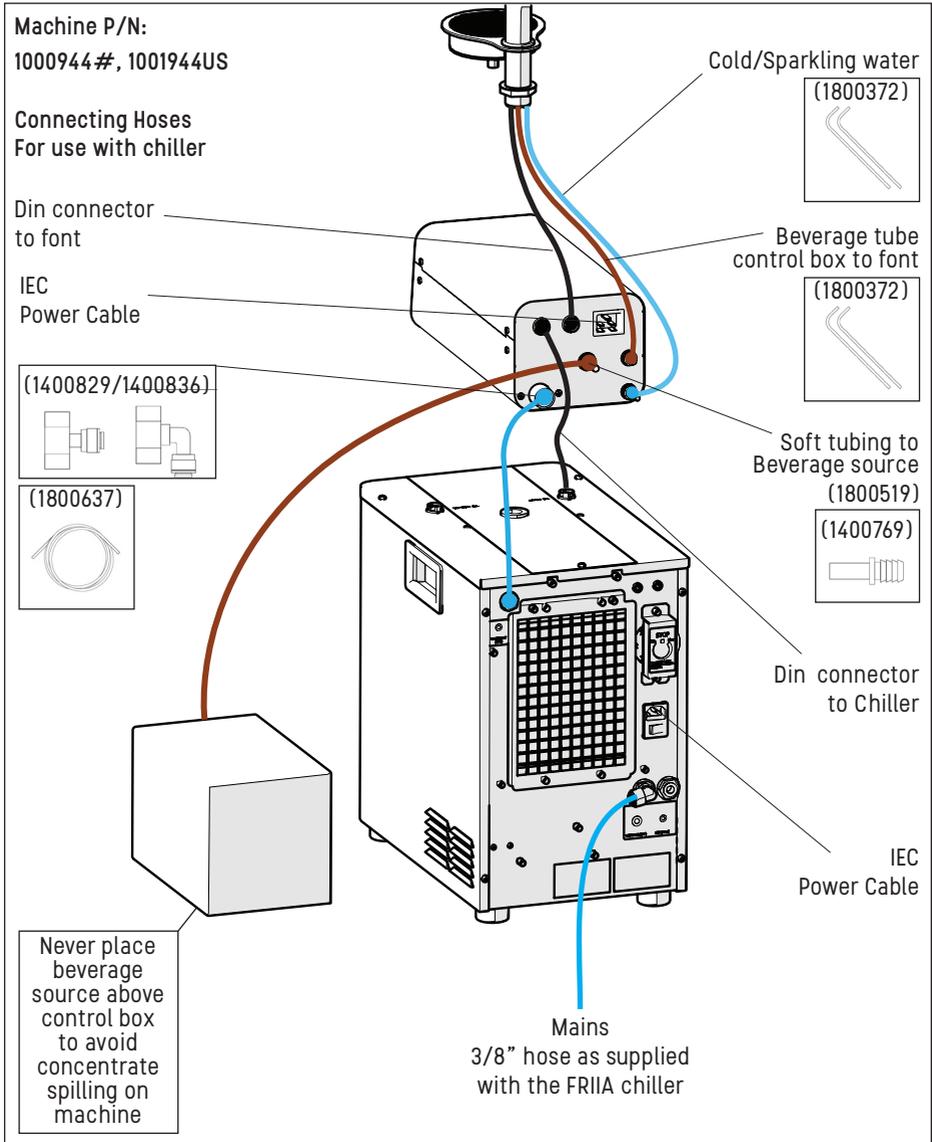
✔		
90°	90°	90°
0ml	0ml	0ml

Volumes must be calibrated, go to page 23

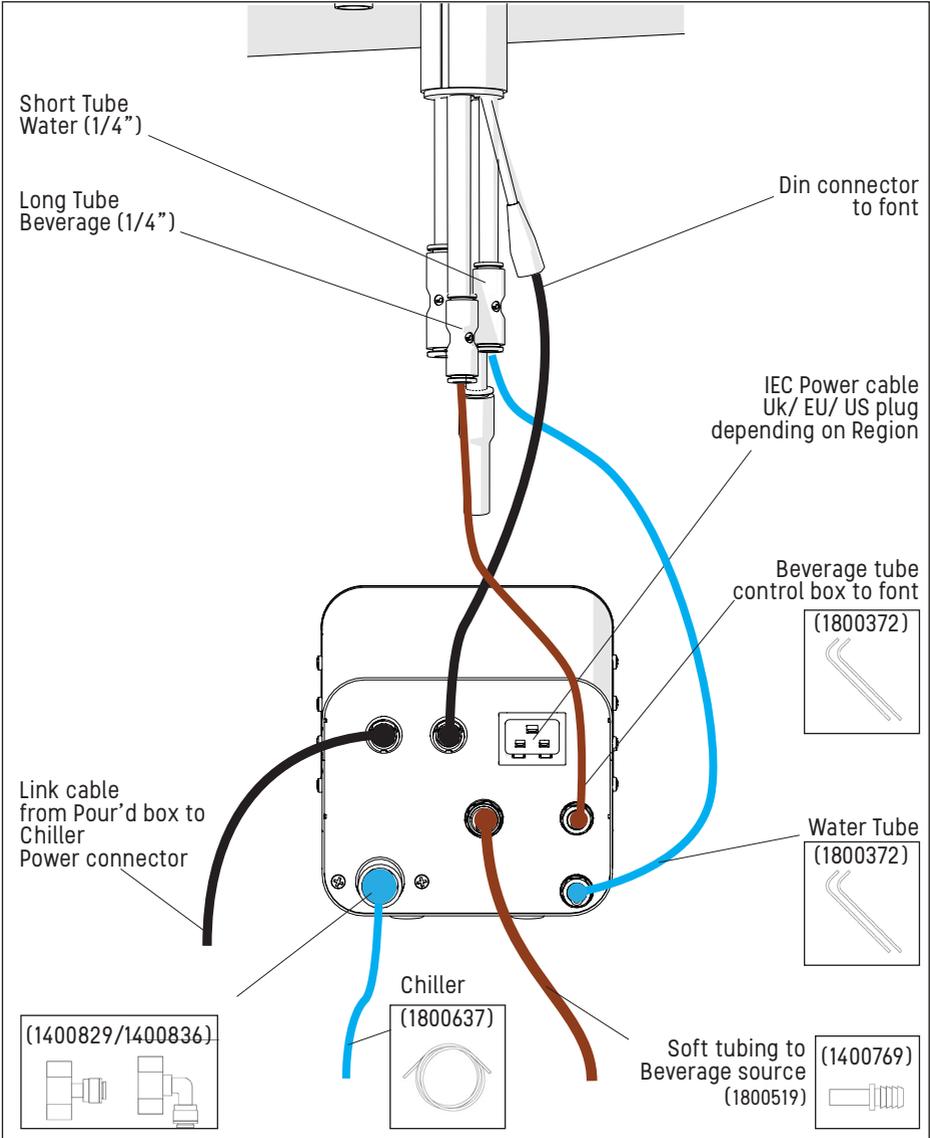
Installation

4.2) POUR'D 3 BUTTON FONT WITH CHILLER

DILUTED CONCENTRATE WITH COLD, SPARKLING OR AMBIENT WATER & CONCENTRATE SHOT
POUR'D 3 Button Font (1000942)

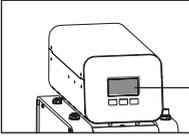


Installation



Installation

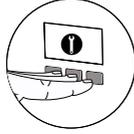
Control box setup



1-Press3 buttons, long hold

2-Navigate up to Chiller Present

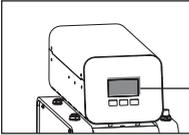
3-Select YES to confirm presence



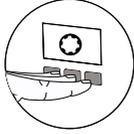
Calibrate Hot water RTD speed Chiller present	
Next	Yes



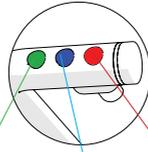
Calibrate Hot water RTD speed Chiller present	
Next	Yes



1-Press3 buttons, short hold



2-Set up each button



COLD	SPK	RTD
020%	020%	--
P&H	200ml	30ml
Next	-	-

MODE

% CONCENTRATE

OVERALL DISPENSE
VOLUME

(P&H = push and hold)



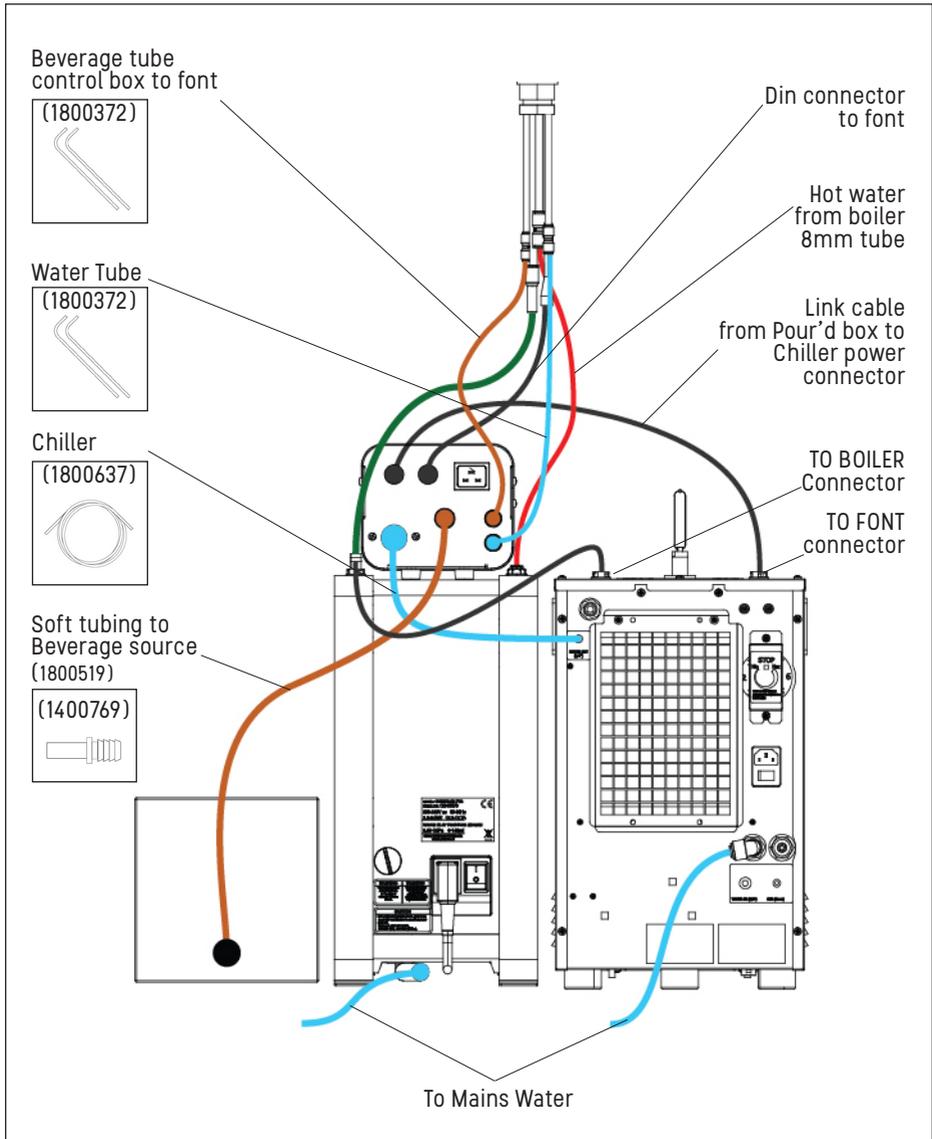
MODE	DESCRIPTION
COLD	Cold (FRIIA Chiller)/Ambient water/ Mains water mixed with concentrate (set ratio to 0% for just cold water)
RTD	Ready to drink, undiluted concentrate
SPK	Sparkling water
OFF	Button non-active

Volumes must be calibrated, go to page 23

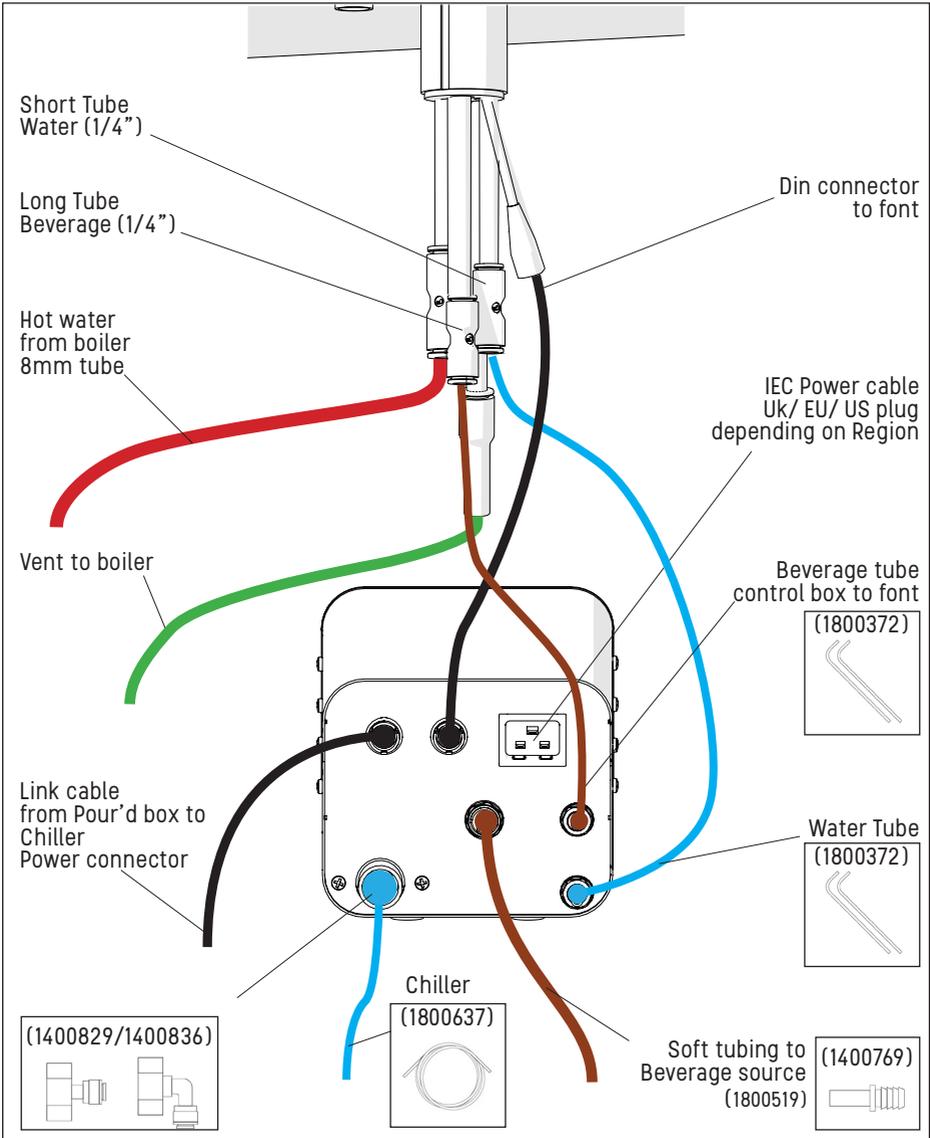
Installation

4.3) POUR'D 3 BUTTON FONT WITH BOILER & CHILLER

DILUTED CONCENTRATE WITH HOT, COLD, SPARKLING OR AMBIENT WATER & CONCENTRATE SHOT
POUR'D 3 Button Font (1000942)

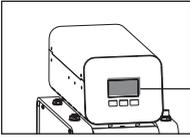


Installation



Installation

Control Box Setup



1-Press3 buttons, long hold

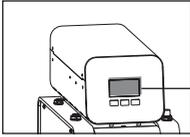
2-Navigate up to Chiller Present

3-Select YES to confirm presence

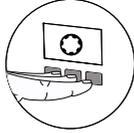


Calibrate Hot water RTD speed Chiller present	
Next	Yes

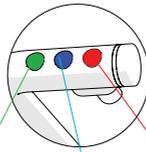
Calibrate Hot water RTD speed Chiller present	
Next	Yes



1-Press3 buttons, short hold



2-Set up each button



HOT	COLD	RTD	MODE
020%	020%	--	% CONCENTRATE
P&H	200ml	30ml	OVERALL DISPENSE VOLUME
Next	-	-	(P&H = push and hold)



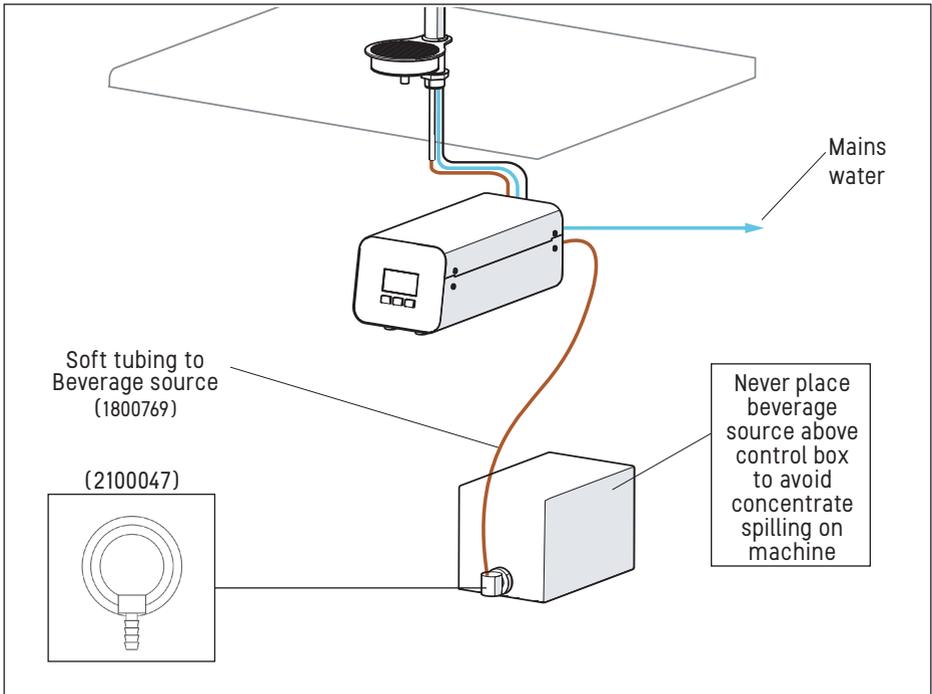
MODE	DESCRIPTION
HOT	Hot water (set ratio to 0%)
COLD	Cold (FRIIA Chiller)/Ambient water/ Mains water mixed with concentrate (set ratio to 0% for just cold water)
RTD	Ready to drink, undiluted concentrate
SPK	Sparkling water
OFF	Button non-active

Boiler Set-Up, go to page 10
 Volumes must be calibrated, go to page 23

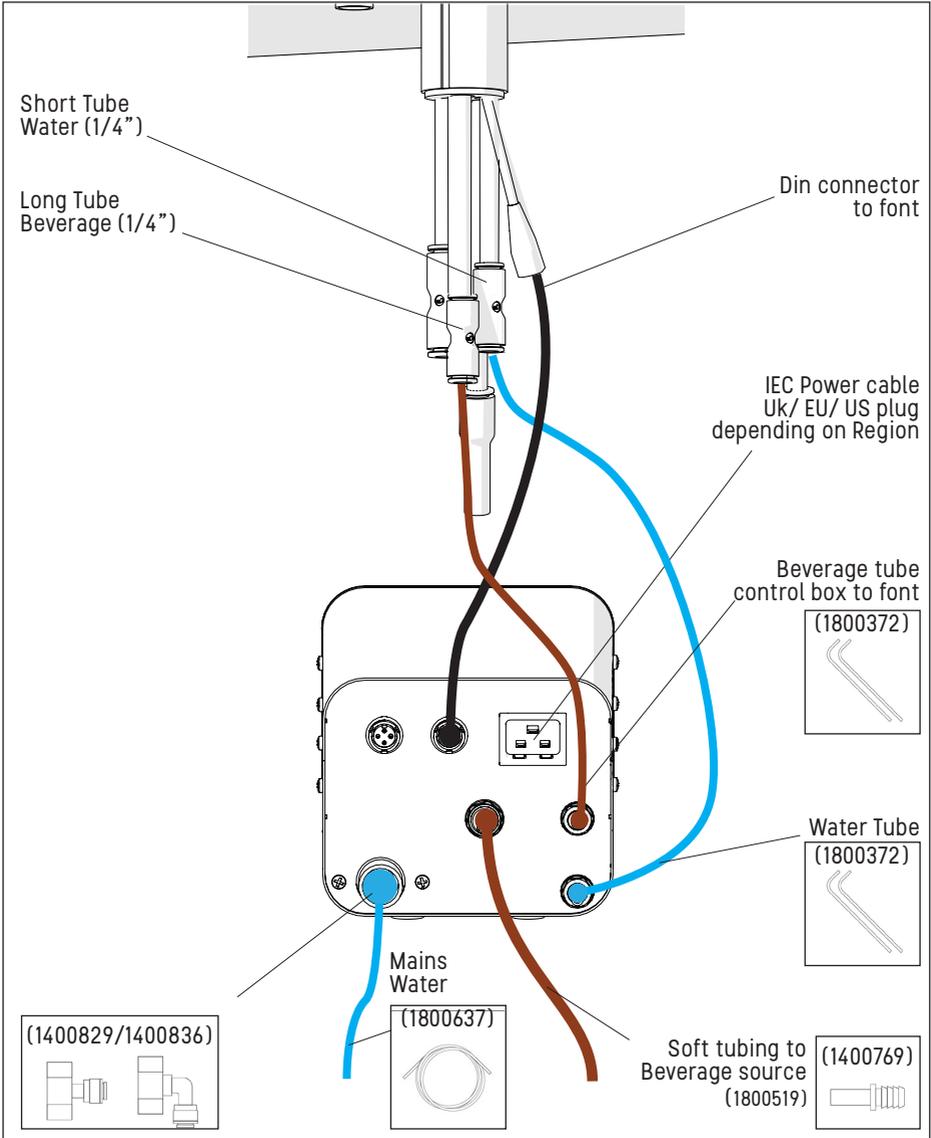
Installation

4.4) POUR'D DILUTED CONCENTRATE

DILUTED CONCENTRATE WITH AMBIENT WATER & CONCENTRATE SHOT
POUR'D Font (1000941, 100942, 100943)

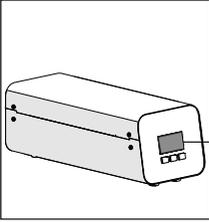


Installation

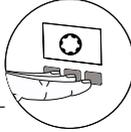


Installation

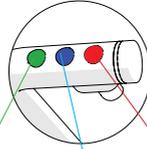
Control Box Setup for diluted concentrate



1-Press3 buttons, short hold



2-Set up each button



RTD	COLD	OFF	MODE
000%	020%	--	% CONCENTRATE
P&H	200ml	--	OVERALL DISPENSE VOLUME
Next	-	-	(P&H = push and hold)



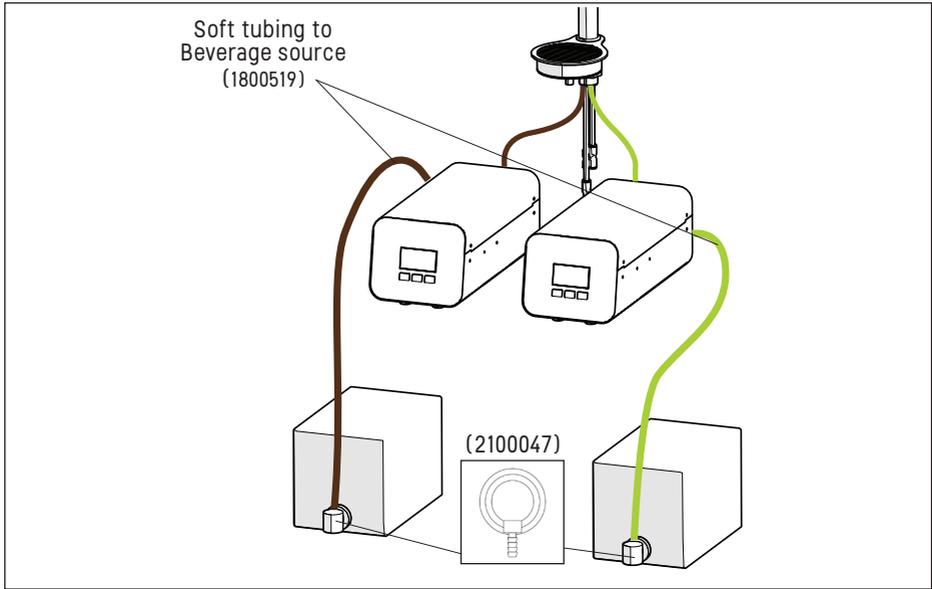
MODE	DESCRIPTION
COLD	Cold (FRIIA Chiller)/Ambient water/ Mains water mixed with concentrate (set ratio to 0% for just cold water)
RTD	Ready to drink, undiluted concentrate
OFF	Button non-active

Volumes must be calibrated, go to page 23

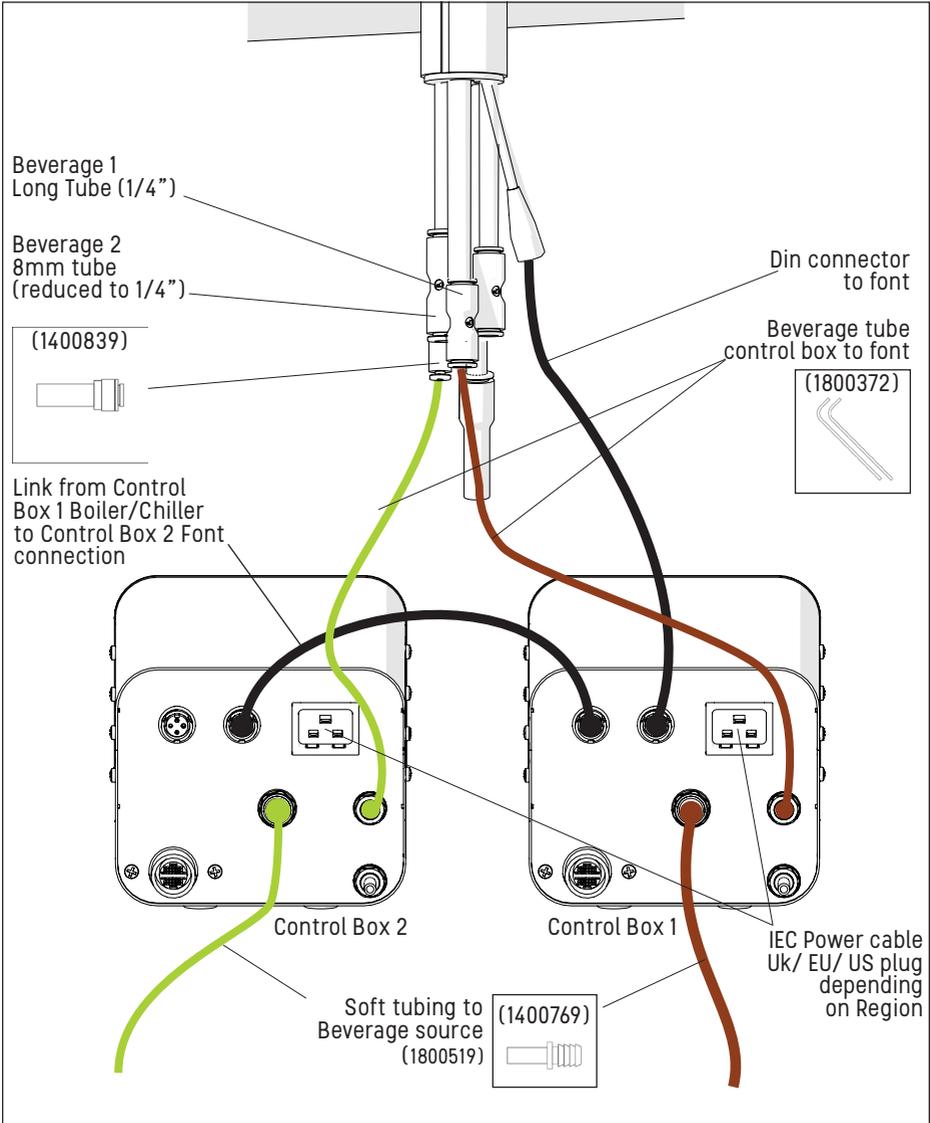
Installation

4.5) POUR'D MULTIPLE SOURCE READY TO DRINK

DUAL SOURCE DILUTED CONCENTRATE WITH AMBIENT WATER & CONCENTRATE SHOT
POUR'D 3 Button Font (1000942)

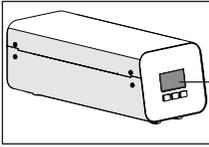


Installation



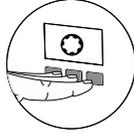
Installation

Control Box Setup

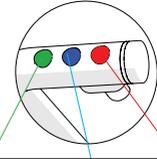


Control box N1
Directly in line with
font must be set to
PRIMARY

1-Press3 buttons, short hold



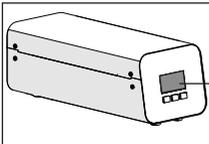
2-Set up each button



MODE	PRI	RTD	RTD
% CONCENTRATE	--	--	--
OVERALL DISPENSE VOLUME (P&H = push and hold)	P&H	200ml	30ml
	Next	-	-

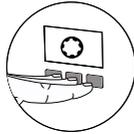


MODE	DESCRIPTION
PRI	Triggers second control box, in case of 2 control boxes, primary must be one connected to the font
OFF	Button non-active

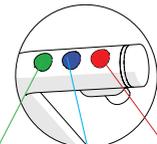


Control Box N2

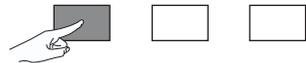
1-Press3 buttons, short hold



2-Set up each button



MODE	PRI	PRI	PRI
% CONCENTRATE	020%	020%	020%
OVERALL DISPENSE VOLUME (P&H = push and hold)	P&H	P&H	P&H
	Next	-	-

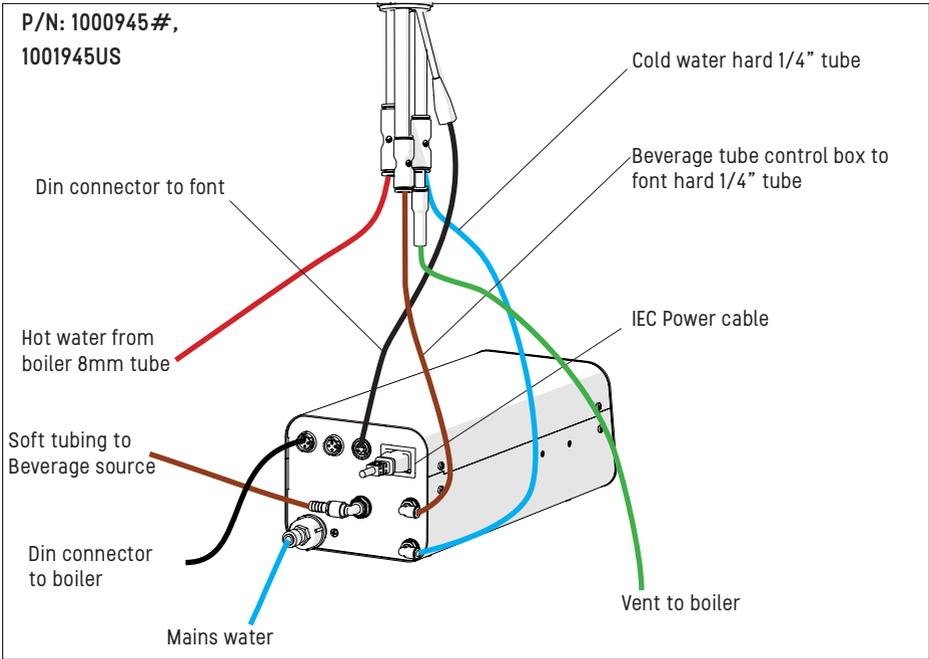


MODE	DESCRIPTION
PRI	Triggers second control box, in case of 2 control boxes, primary must be one connected to the font

Installation

4.6) POUR'D TOUCH FONT WITH BOILER

DILUTED CONCENTRATE WITH HOT OR AMBIENT WATER & CONCENTRATE SHOT
 POUR'D Touch Font (1000990)



Beverage Option - Diluted concentrate with hot or ambient water & concentrate shot

Boiler Setup

Never place beverage source above control box to avoid concentrate spilling on machine

(Plumbed to mains)

3 finger press long hold

3 finger press short hold

Set mode to UC MIX both

Factory preset		
Mode: UC MIX BOTH		
Temp units: °C		
Next	-	+

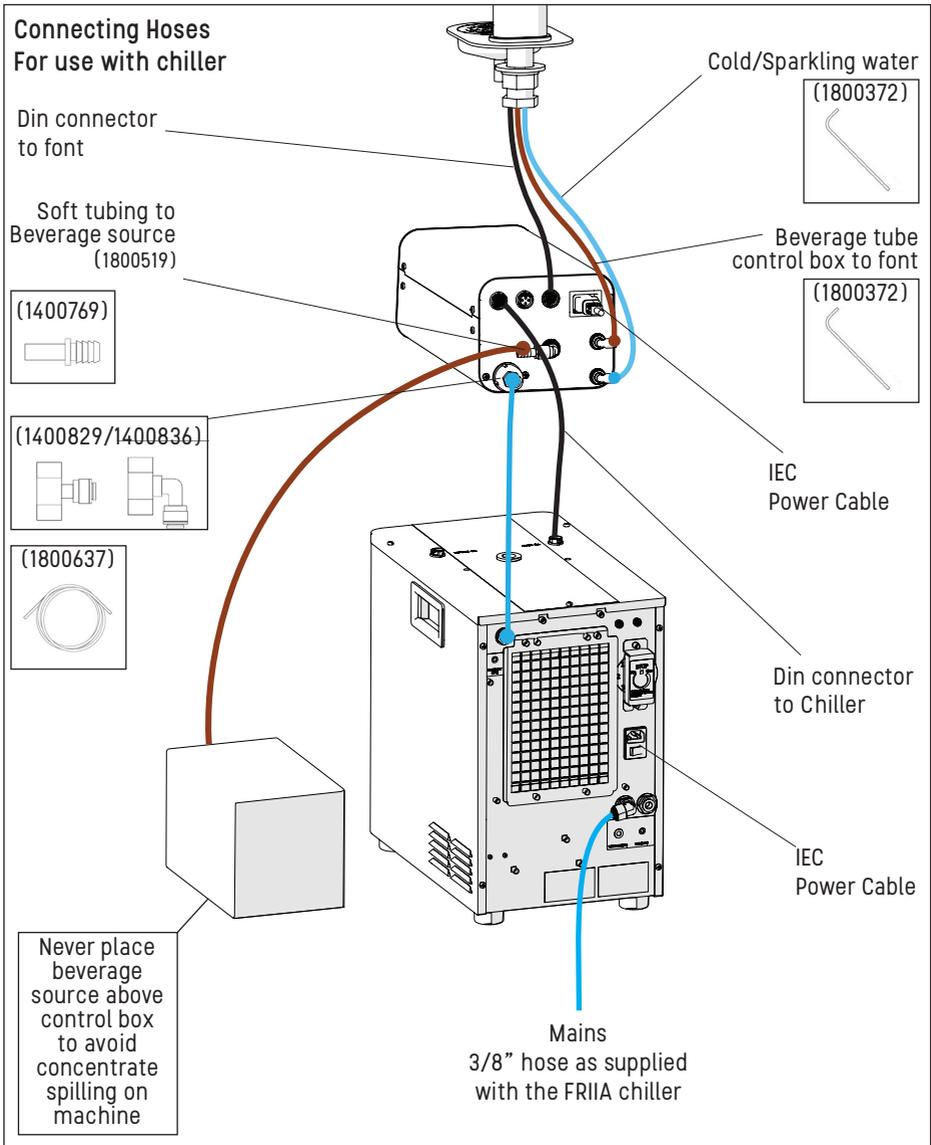
All temperatures the same and volumes to 0

90°	90°	90°
0ml	0ml	0ml

Installation

4.7) POUR'D TOUCH FONT WITH CHILLER

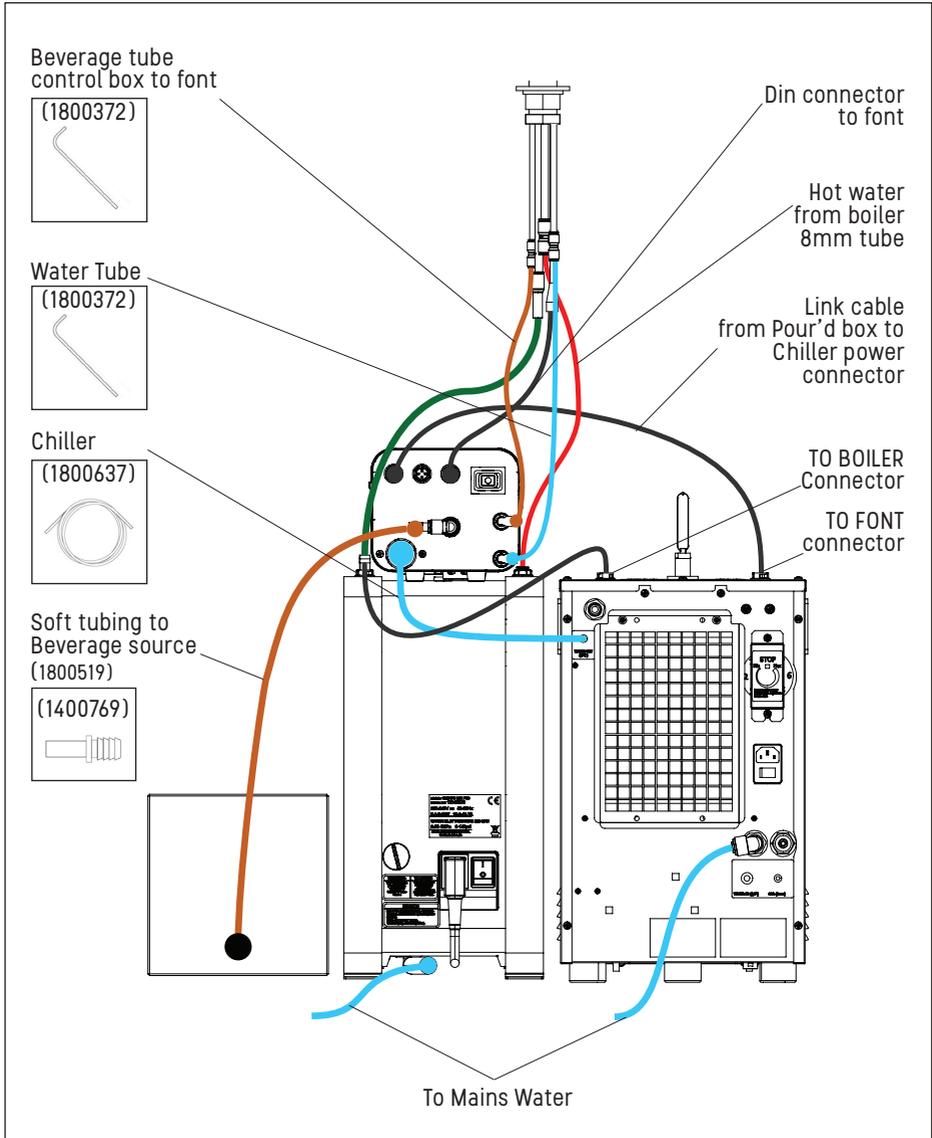
DILUTED CONCENTRATE WITH COLD, SPARKLING OR AMBIENT WATER & CONCENTRATE SHOT
POUR'D Touch Font (1000990)



Installation

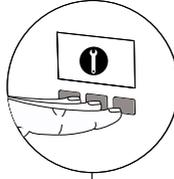
4.8) POUR'D TOUCH FONT WITH BOILER & CHILLER

DILUTED CONCENTRATE WITH HOT, COLD, SPARKLING OR AMBIENT WATER & CONCENTRATE SHOT
POUR'D Touch Font (1000990)



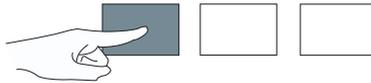
Engineering Setup & Calibration

1- Long hold
until spanner appears

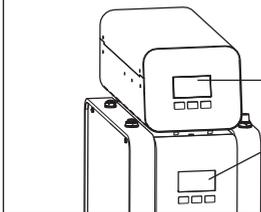


Calibrate conc pump
Calibrate Cold water
Calibrate Hot water
RTD speed

Next Go



OPTION	DESCRIPTION
Calibrate concentrate pump	STEP 1: The pump will run at FAST speed for 10 seconds Once it finish will ask to weight the amount deliverd and enter the result on display. STEP 2: The pump will run at SLOW speed for 10 seconds. Once it finish will ask to weight the amount deliverd and enter the result on display. For accurate results make sure system is primed
Calibrate Cold water	Will dispense water until flowmeter clicks 200 pulses and then will ask to enter weight. For accurate results make sure system is primed
Calibrate Hot water	Will dispense hot water from the boiler for 10 seconds. Once it finish will ask to enter the weight.
RTD speed	The speed of the pump (in % of full speed) If flow rate is too violent this should be reduced. (If pump speed is changed pump must be recalibrated)
How to Prime concentrate lines	STEP 1: Be sure concentrate source is connected. STEP 2: Press the clean button on the Pour'd display. As soon as liquid appears from the font, stop the process by pressing Esc. on POUR'D control box
How to Prime cold water lines	STEP 1: Set up button 1 to Push & Hold Mode. STEP 2: Press button 1 until cold water comes out without air gaps.



1-Press3 buttons, long hold

2-Set mode

UC MIX BOTH

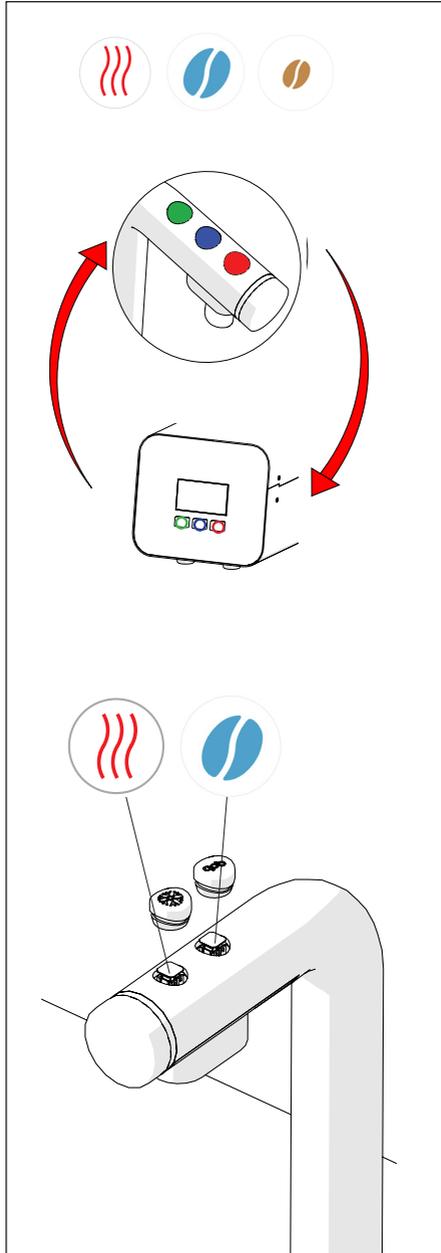
Set all temperatures the same

Volume to Zero on the boiler

Changing Buttons

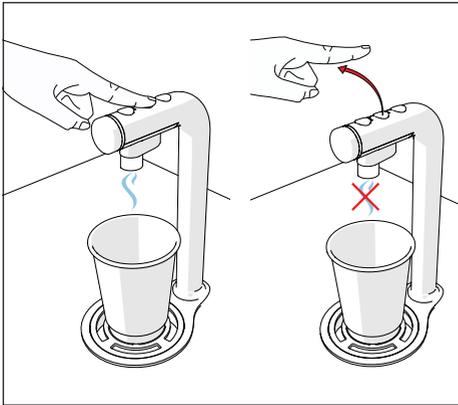
Programmable buttons

Program and change buttons accordingly

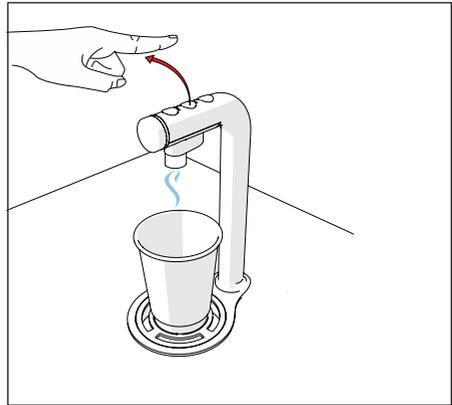


Font Operation

1. Push & Hold



2. Push & Release



RISK OF SCALDING

If using a boiler, turn off before cleaning to prevent accidental triggering of a dispense.

Beware of accidentally operating the control box especially when cleaning around the push buttons.

Do not use abrasive cloths or creams, as this will spoil the finish of the control box.

Marco Beverage Systems Limited.
63d Heather Road,
Sandyford Industrial Estate,
Dublin 18
t: +353 (0)1 295 2674
f: +353 (0)1 295 3715
e: sales@marco.ie
www.marco beveragesystems.com

