

# FRIIA LITE HOT/COLD/SPARKLING



- > In-built water filter
- > Internal or external CO<sub>2</sub>
- > Sleek, stylish font for lower volume sites such as small offices
- > Average 12L cold water per hour vs. standard FRIIA 35L/hr
- > Award-winning, energy-efficient hot water boiler

## ORDER CODES

(Complete bundle)

FRIIA Lite HCS  
5000203



CHILLER/CARBONATOR	BOILER	SYSTEM SET-UP

CHILLER/  
CARBONATOR

PRODUCT INFO	SIZE	PERFORMANCE SPECS		PLUMBING, ELECTRICAL AND TECHNICAL SPECS			
NAME ORDER CODE	DIMENSIONS (D X W X H mm)	L/HR	CUPS /HR	POWER	PLUMBING REQS	COMPRESSOR POWER	REFRIGERANT
FRIIA Lite Chiller/ Carbonator 1000202	468 x 279 x 420	12L/hr based on incoming water temp of 15°C and output water temp of 5-7°	60	230V	3/4" BSPM Working Water Pressure: 1 Bar (14.5psi) to 4 Bar( 58psi)	129W	R600a/35g

BOILER

PRODUCT INFO	SIZE	PERFORMANCE SPECS			PLUMBING & ELECTRICAL REQS	
NAME ORDER CODE	DIMENSIONS (D X W X H mm)	IMMEDIATE DRAW OFF	L/HR	CUPS/HR	POWER @220v	PLUMBING REQS
MIX UC3 1000880	385 x 210 x 444	3L	28L	156	2.8kW	3/4" BSP

FONT

FRIIA LITE HCS	FONT DIMS

NAME ORDER CODE	DIMENSIONS INC. DRIP TRAY (D X W X H mm)	DIMENSIONS EXCL. DRIP TRAY (D X W X H mm)	TAP TO COUNTER (mm)
3b Font 1000862	168 x 120 x 286	138 x 30 x 286	247

NAME	PACKAGING DIMENSIONS (L x W x H mm)	WEIGHT
Fonts (all)	290 x 570 x 215	1.65kg
Chiller/ Carbonator	590 x 385 x 520	21.2kg
MIX UC3	450 x 290 x 540	11kg

PACKAGING

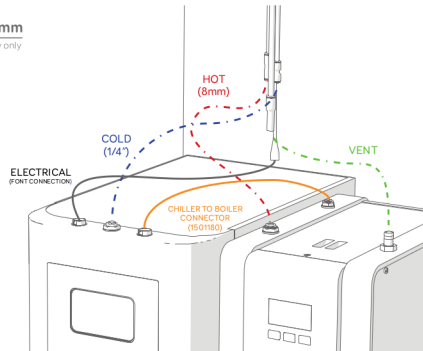
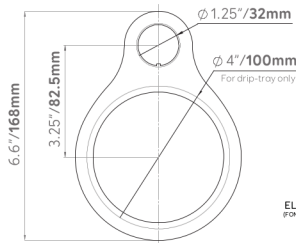
### PLEASE NOTE

FRIIA Lite components (font, boiler and chiller) are packed and shipped in individual boxes. FRIIA Lite Sparkling variants require either an internal CO<sub>2</sub> canister (we recommend SodaStream 60L) or an external food grade CO<sub>2</sub> with regulator.



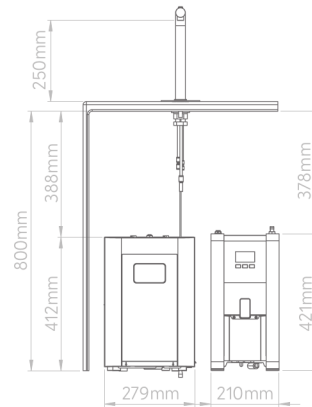
## FRIIA LITE HOT/COLD/SPARKLING

### COUNTER CUT-OUT WITH DRIP TRAY



## FRIIA LITE HCS

5000203



### VENTILATION REQUIREMENTS

**FRONT VENTILATION:** Ventilation grilles cut out of standard cabinet door.

**SIDE VENTILATION:** Ventilation grilles cut out of standard 600mm cabinet. Grilles may be fitted on either side as long as they ventilate into an open unobstructed area.

**BASE VENTILATION:** Ventilation grilles cut in base panel and base plinth, a grille must also be cut out at the top of the cabinet.

- At least 2 x vents 260mm/10.2" w x 65mm/2.5 h
- The cabinet may be ventilated in many ways provided there are cut outs placed near the base and another near the top of the cabinet to take advantage of natural circulation.

### UNPACKING INSTRUCTIONS

- The chiller must be handled only in a vertical position. Transporting the appliance in a horizontal position can cause severe damage to the refrigerator.
- If the chiller arrives in a horizontal position, leave to sit for 3-4 hours in the vertical position before turning the chiller on.
- Remove the exterior and interior packing. Packing materials (especially any plastic bags) should be stored out of the reach of children, as a potential source of danger. When disposing packaging parts, please follow current regulations on the matter, separating carton from plastic parts.
- Always check that the chiller that is delivered corresponds to the model indicated in the accompanying document.
- The chiller is shipped in a cardboard box. Once the packaging has been removed, check the chiller has not been damaged in transit; if damage is found, notify the carrier.

### ELECTRICAL INSTALLATION PROCEDURE

When installing the chiller, always observe the local regulations and standards. The chiller is supplied with a moulded power cord. A suitable mains power supply socket should be available within easy access of the chiller so that it can be disconnected easily after install.

### PLUMBING INSTALLATION PROCEDURE

- Ensure that the chiller is installed according to local plumbing & water regulations.
- Fit a stop valve on a cold water line and attach a 3/8" BSP male fitting, (E.g. 3/4" x 1/2" 311 or washing machine type stop valve).
- Connect water supply lines following the installation drawings. As per installation guide (starting page 14).
- Push the pipe firmly into the fittings until locked into position to avoid leaks. 15mm is the correct depth of insertion.
- In case filter systems are used verify that they satisfy the requirements of the legislation in force.
- The chiller has a pressure reducer in case the incoming water exceeds 3 bar.
- Turn on the water to flush any impurities, dust etc from the inlet hose and water pipe. Allow several litres through. Especially for new installations.

### BEFORE USING CHILLER

- Before connecting the chiller to the power source, let it stand upright for approximately 2-3 hours, this will reduce the possibility of a malfunction.
- Check that all installation procedures have been carried out.
- Ensure water inlet is open.
- Ensure CO<sub>2</sub> valve is open
- Before supplying power to the chiller check water and CO<sub>2</sub> lines do not leak.
- Plug the chiller into a suitable socket and turn the Cooling Switch on the rear of the chiller to the ON position.
- When the unit is on, the carbonation pump starts to fill. The carbonation device stops when it reaches the maximum level.
- If using an external CO<sub>2</sub> Cylinder, on the pressure reducer knob, adjust CO<sub>2</sub> pressure to a value between 50 and 65 PSI (350 and 450 kPa) (3.5 - 4.5 bar) This value depends on the temperature of the water and on the ambient temperature. The temperatures correspond to the CO<sub>2</sub> pressure.

- The chiller will take approximately 70-120 minutes to get down to temperature depending on the temperature of your incoming water. The blue light on the front of the chiller remains flashing during chilling.
- Once the blue light stops flashing and remains solid the chiller is down to temperature and at this point you can dispense water.
- To enable the filling of lines, push the front buttons in the following order sparkling water, cold water & hot water until the flows appear.
- At this point you can dispense water.

### CO<sub>2</sub> INSTALLATION PROCEDURES

There are two CO<sub>2</sub> install options with this chiller, either an inbuilt 360-410gr/60L gas cylinder or an external CO<sub>2</sub> cylinder.

1. **INTERNAL GAS CYLINDER:** Open the side door. Install the CO<sub>2</sub> cylinder into the machine. A compatible gas cylinder to use is the Sodastream 60L cylinder: [sodastream.co.uk/pages/co2-gas-cylinders](http://sodastream.co.uk/pages/co2-gas-cylinders).
2. **EXTERNAL GAS CYLINDER:** The machine has an external gas connection for 8mm hose (not provided) in the rear; you must supply appropriate pressure gas (0.4MPa). Only use super-dry, food grade CO<sub>2</sub>. Before connecting the pressure reducer to the gas cylinder, always vent any dirt from the valve. Close the cylinder valve after few seconds.

**GAS CYLINDER LOCATION:** To prevent the risk of injury or damage the CO<sub>2</sub> cylinder must always be kept in a vertical position against a wall, held in place by a chain and fixed to a bracket. Do not expose the bottle to heat sources or very low temperatures.

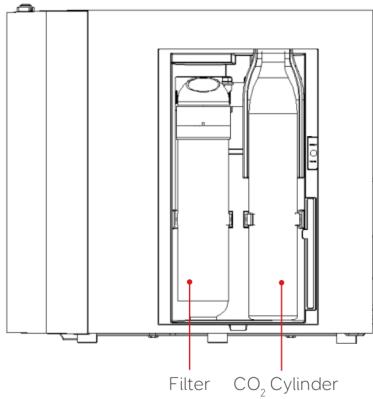
**PRESSURE REDUCERS:** There are different type of CO<sub>2</sub> cylinder available. Always use a pressure reducer suitable for the type of valve on the cylinder. If you use CO<sub>2</sub>, especially in a small area, ventilate the contaminated area at once. We advise using a Dual gauge CO<sub>2</sub> regulator, Marco part number 1400195. Check for leaks using a solution of soapy water.



**CO<sub>2</sub> SPECS**

FRIIA Lite can be used with an internal or external CO<sub>2</sub> canister.

A compatible gas cylinder is the **Sodastream 60L** cylinder.



**FILTER SPECS**

PAC SEDIMENT & CARBON COLD WATER FILTER	FLOW RATE	WORKING PRESSURE	TEMPERATURE	MAX PURIFIED WATER CAPACITY	PH RANGE	APPLICABLE INLET WATER
1400216	3L/min	0.1-0.4MPa	4-38°C	3600L for 12 months	5-10	TDS below 350 ppm

**PLEASE NOTE** Marco also recommends using a separate hot water filter (sold separately).

**SANITISATION ACCESSORIES**

Sanitisation Kit: Internal Water Cooler Sanitising Solution 1L + Chiller Best Service Cartridge	8000900
Internal Water Cooler Sanitising Solution 1L	8800125
Scaleclean 1kg Descaler (5 uses)	8000260
Chiller Best Service Cartridge	8000522
Scaleclean 200g Descaler (1 use)	8000270

**FRIIA LITE MAINTENANCE**

- > Wipe down front daily with non-abrasive cleaner.
- > Sanitise the system every 6 months, after a filter change or after a period of inactivity (more than 72 hours)
- > Descale the MIX boiler if scale is present in the water.

