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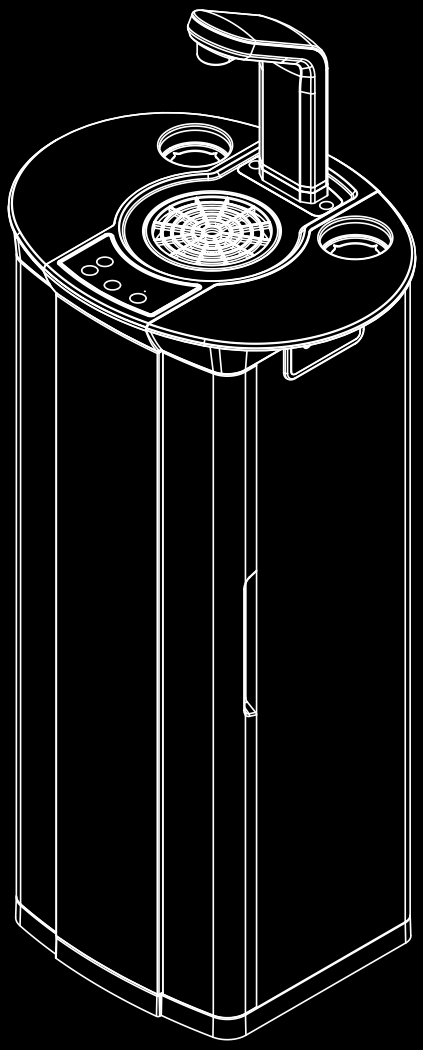
Install & Operation Guide

Cold & Ambient (DC15A)
Cold & Sparkling (DC15AS)



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The manual is intended as a guide only. Printed by Azure UK NR9 5SP UK

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DC15 Unite - All Models

Range Overview & Features

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Contents:

Range Overview & Features

Introduction

A range of floorstanding water dispensers, available in two different operational types:

- DC15 A Cold and Ambient
- DC15 AS Cold, Ambient and Sparkling

All Types

All Unite models are self-contained machines with robust steel framed cabinets and attractively injection moulded plastic front, side and top panels. There is sufficient space internally for filters etc to be fitted behind the door panel.

An IEC Power Lead is supplied for connection to the IEC socket found on the rear of all models (An additional Schuko type is supplied for the European market).

DC15 Cold and Ambient Model

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The Cold Temperature is thermostatically controlled via the adjustment screw on the back of the machine. This setting is factory set and is not necessary to adjust in most cases (see Controls).

The Cold Tank can be drained via the lower of the two Drain Ports on the rear of the machine.

A Direct Chill cold water dispenser where water is used as the cooling medium in the Direct Chill tank. This is automatically filled and controlled by the level control system upon installation. This tank is then chilled via the outer evaporation coil of the capillary controlled refrigeration compression system.

The level control system also incorporates a leak detection device within the cabinet which switches the machine off in the event of detecting water.

The Cold Temperature is thermostatically controlled via the adjustment screw on the back of the machine. This is factory set and is not necessary to adjust in most cases (see Controls).

The Cold Tank can be drained via the upper of the two Drain Parts on the rear of the machine.

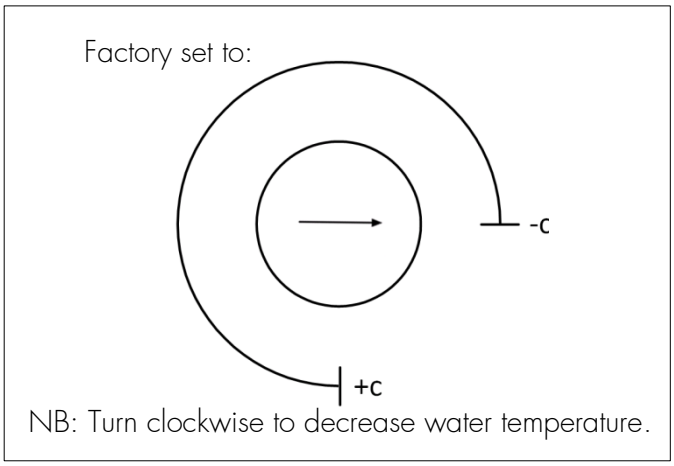
DC15 Cold, Ambient and Sparkling Model

Water is chilled as it passes through the coil immediately before dispense. Still, cold and ambient water dispense is at inlet pressure via the DC current operated solenoid valves. Chilled water is pumped under pressure into the carbonator which it fitted inside the same coil. The carbonator is also level controlled and allows the sparkling effect to occur through saturation with CO2.

Controls

All Models

On/Off switches – at rear of machine.
Cold – switches Cooling Operation on/off
Soda – switches Sparkling Operation on/off
Cold thermostat – inside rear of machine



NB: Turn clockwise to decrease water temperature.

(The thermostat is set to maximum and should not need adjustment.)

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Sparkling Button	Press to dispense Sparkling Water
Cold Button	Press to dispense Cold Water
Ambient Button	Press to dispense Ambient water
Green LED	Colours to show Cooling Operation is switched on
Yellow LED	Colours to show the Sparkling Operation is switched on
10A Fuse	On rear of machine, integral with IEC socket

Storage Cabinet

All models are fitted with a lower storage area.

The Door Panel is hinged and fastened with Magnetic Catches. There is a removable cover protecting the machine parts.

Every DC15 Unite is supplied with a Level Sensor Kit, comprising:

- Water Container
- Sensor Unit (c/w 2 no. CR3032 batteries)

Simply connect the Drainage Tubing that is pre-fitted, into the top of the container and remove the protective sleeve from the probes.

When the container becomes full:

A bleeping alarm will sound for 1 minute when an attempt is made to dispense a drink. This is an alarm of 3 bleeps repeating every 10-15 seconds. This 1 minute cycle will repeat every time a dispense button is pressed.

The LED lighting at the base of the faucet will flash ON/OFF slowly for 1 minute. This too is repeated every time a dispense button is pressed

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Leak Detection

Notice:

This machine is equipped with a leakage detection device. When leaking is detected, the dispense operation will be cut off automatically.

This is indicated by the alarm signalling as also described above.

To reset:

1. Unplug the machine and open the lower door.
2. Locate the source of leakage and rectify.
3. Locate and dry the detection probes in the bottom of the machine along with the surrounding area.
4. Locate the Leak Detector valve under the front edge of the lower shelf and reset the red lever (push it in) on the reverse side.
5. Reconnect the power to machine and test operation.

Specifications

COOLING SYSTEM	All Models	High efficiency compression system with capillary control. Premium quality long life hermetic compressor. Compact internal condenser – fan assisted for greater efficiency. Environmentally friendly R134A refrigerant. 3.5 litre insulated stainless steel chiller tank with level control containing stainless steel cold water direct chill coil. Thermostatically controlled chilled water temperature. Stainless steel carbonator tank with independent level control fitted inside coil. High capacity, low voltage diaphragm inlet pump.
COLD TEMPERATURE		2°C to 11°C.
THROUGHPUT PER HOUR		18 litres cold < 12 C / 16 litres sparkling <12 C.
DISPENSE		Ergonomically designed and situated light touch sensitive controls.
MAXIMUM RUNNING POWER CONSUMPTION		85 watt. (Cooling Operation)
		180 watt. (Intermittent Sparkling Operation)
POWER REQUIREMENTS		230 volt/50Hz supply required.
POWER SUPPLY		IEC power socket.
WATER CONNECTION		1/4 inch quick connection.
CO2 CONNECTION		1/4 inch quick connection.
DIMENSIONS		(w x d x h) 520 x 410 x 1010mm (Dispense area) 1300 GC Faucet
WEIGHTS	DC15A	27.0 kg
	DC15AS	30.9 kg

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DC15 Unite - All Models

Installation & Operation

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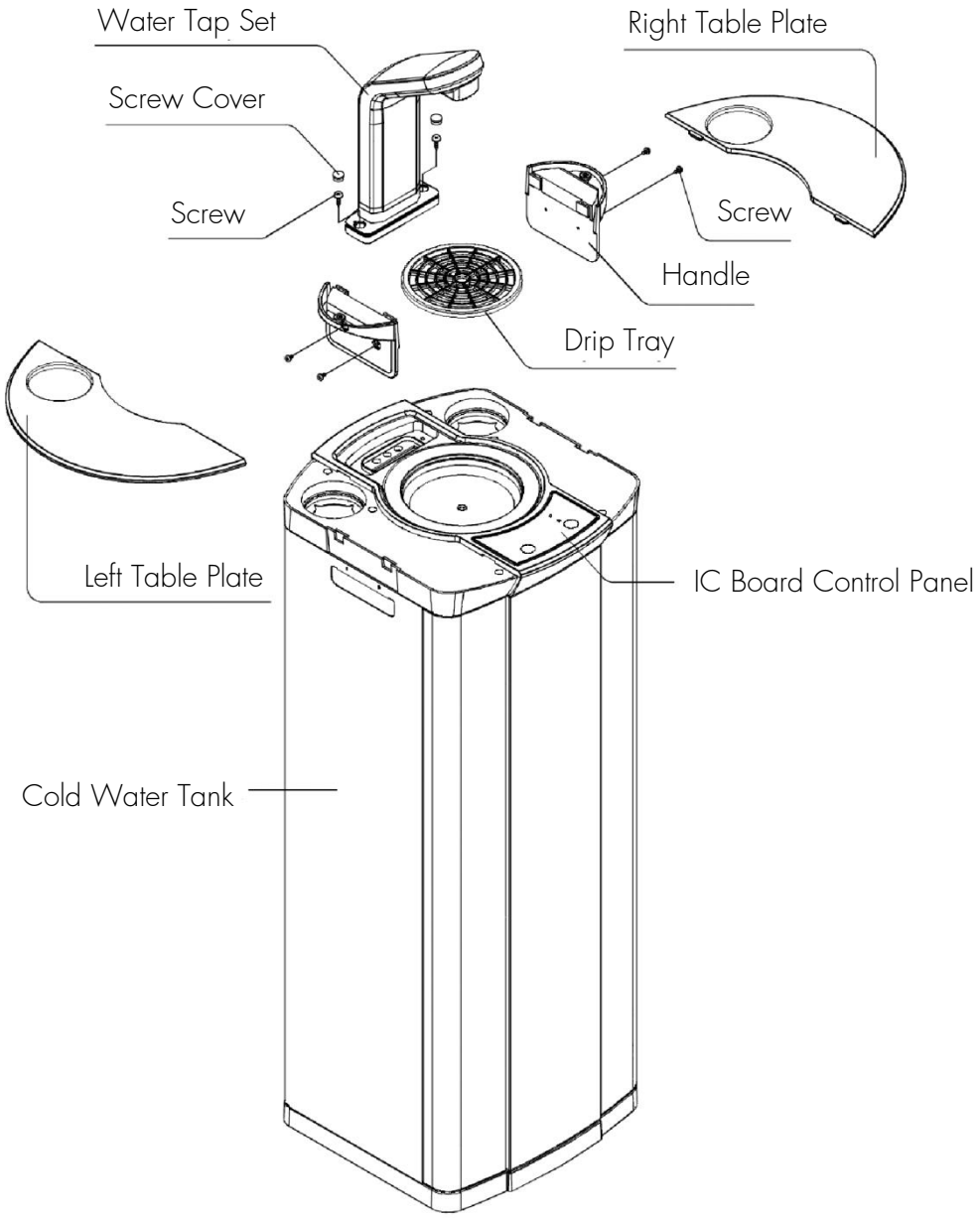
Contents:

Major Components



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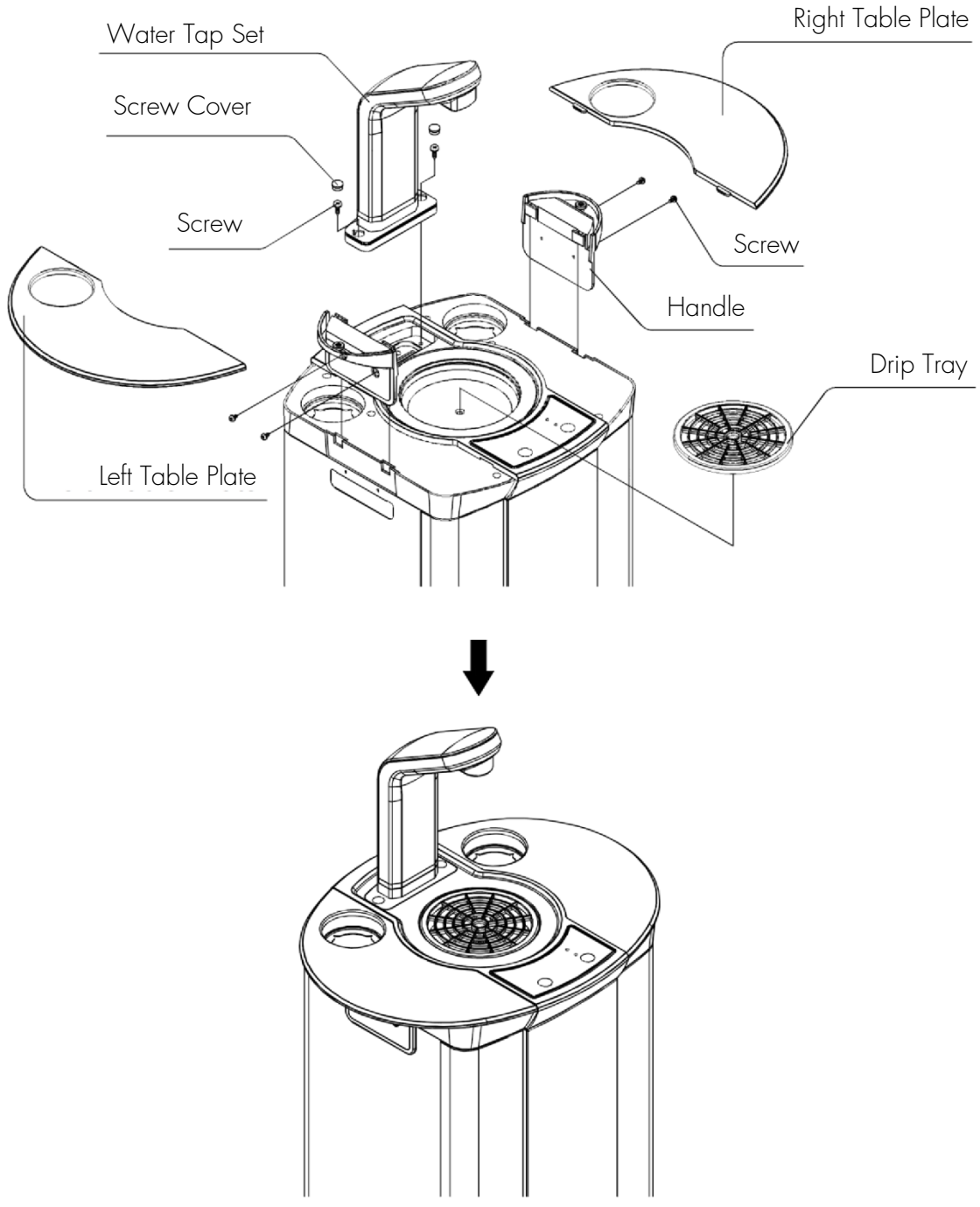
Parts to Assemble



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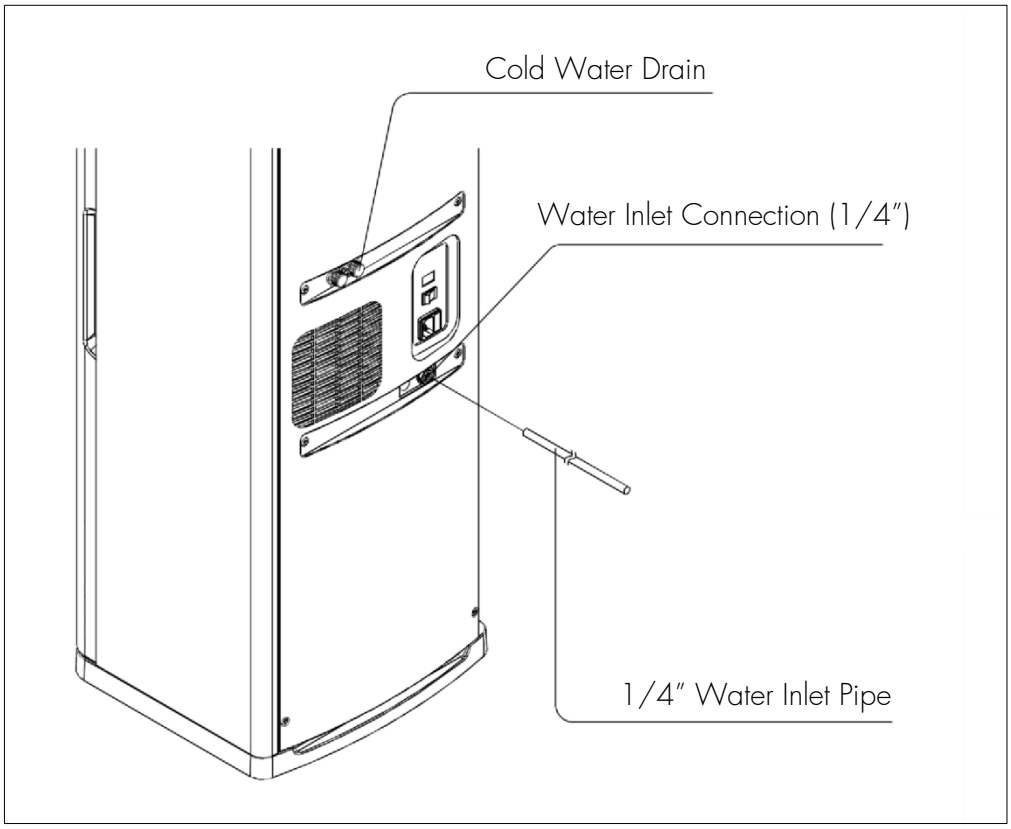
Installation Pipework

1.

Connect to mains water supply. Fit check valve, water block etc. as required.

2.

Connect the 1/4" pipe to the 1/4" inlet connection on the back of the machine.



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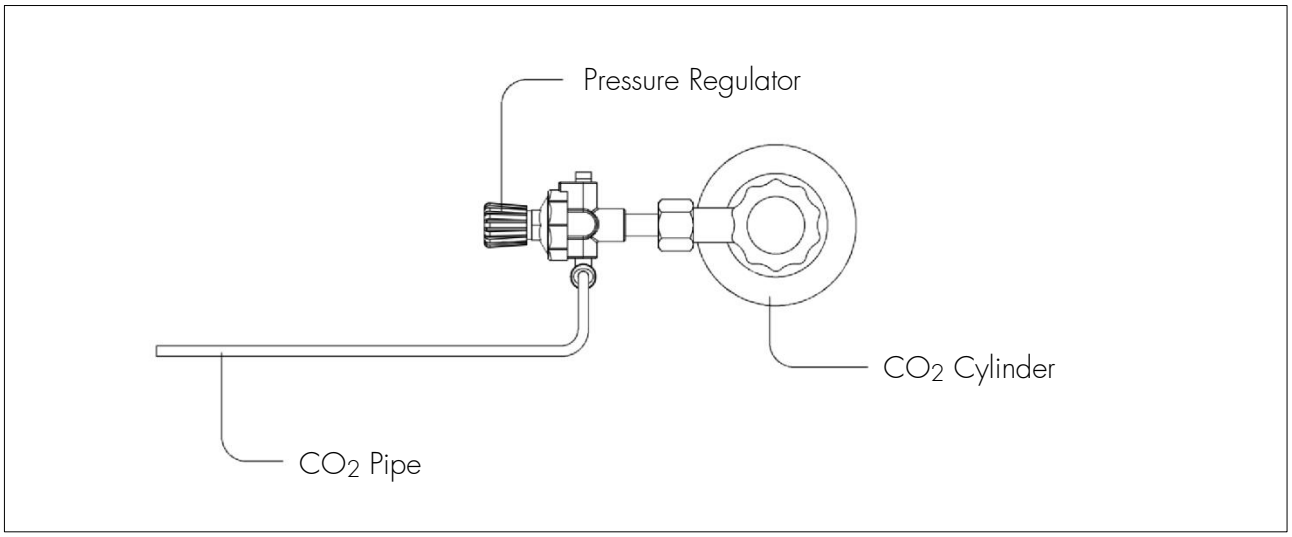
CO_2 Bottle Installation

1.

Fit the CO_2 regulator to a CO_2 cylinder. (Fitting to a rechargeable cylinder requires an additional adapter fitting).
Connect the assembled cylinder to the dispenser.



2.

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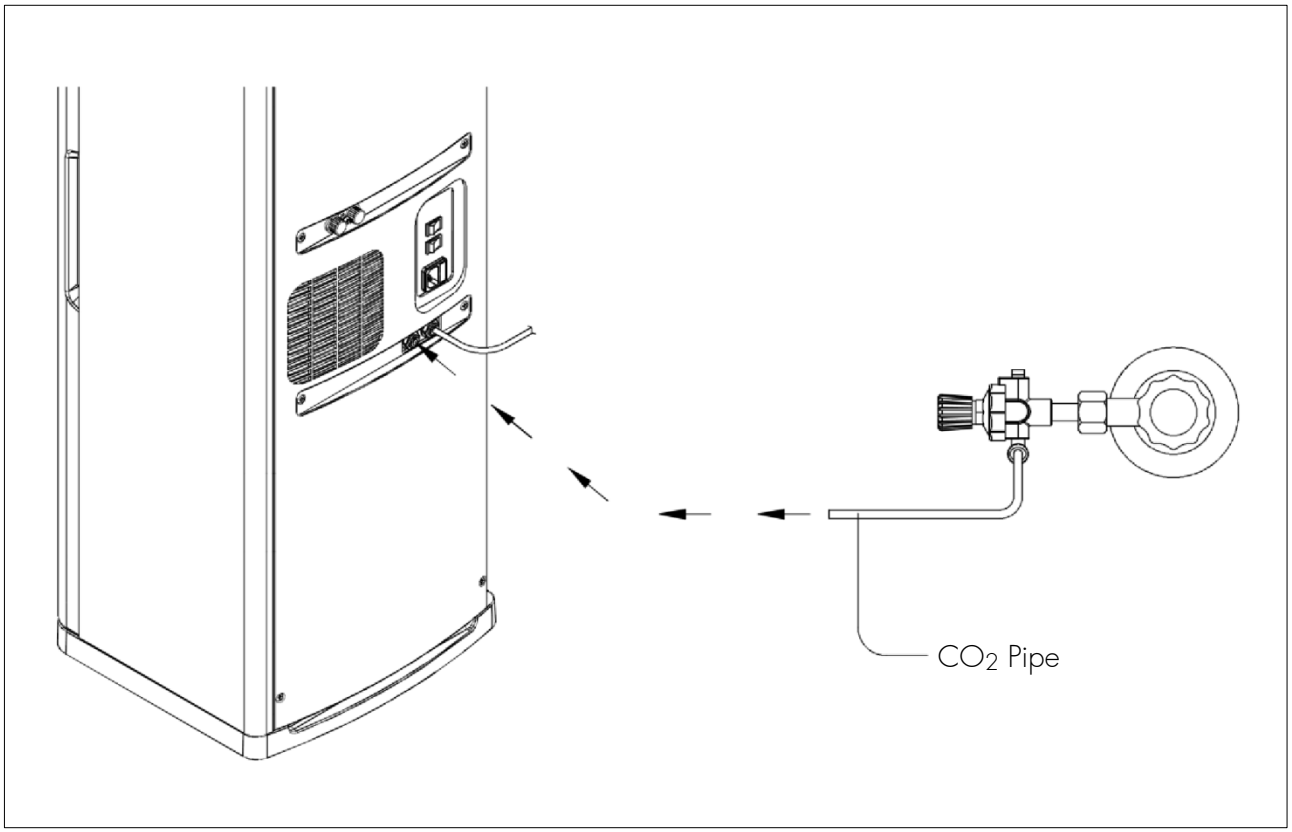
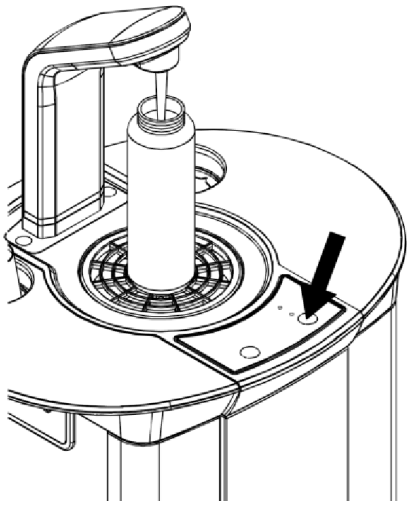
Connect the dispenser to the assembled CO_2 cylinder.



Operation

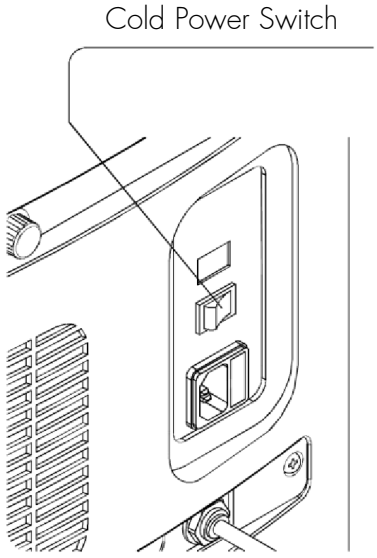
1.



After the water supply pipe is connected, open the supply. Connect the IEC power lead and the tank(s) will automatically begin to fill with water. When the tanks are full, press the cold and ambient dispense buttons. Flush approx. 10 litres of water through the machine, mainly using the cold button.

2.

GB When completed switch on the cold power switch on the back to start the cooling system. The yellow LED indicator on the control PCB will show. The initial cooling cycle will take approx. 1 hour.

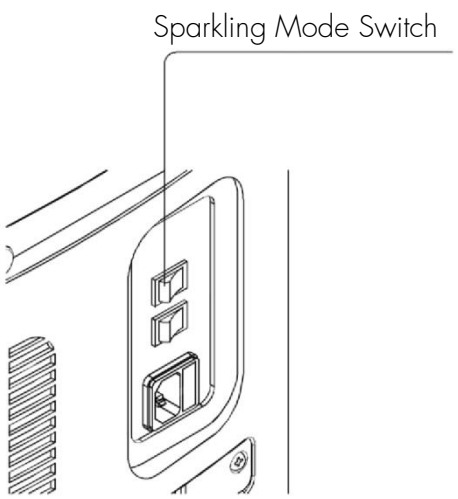


Press the ambient button to dispense ambient water.

There is an in-built safety feature which prevents a dispense valve remaining open for more than 1 minute. When dispensing this is indicated by a bleep alarm and the dispense stops. Simply release the button to reset and then start again

Sparkling Operation

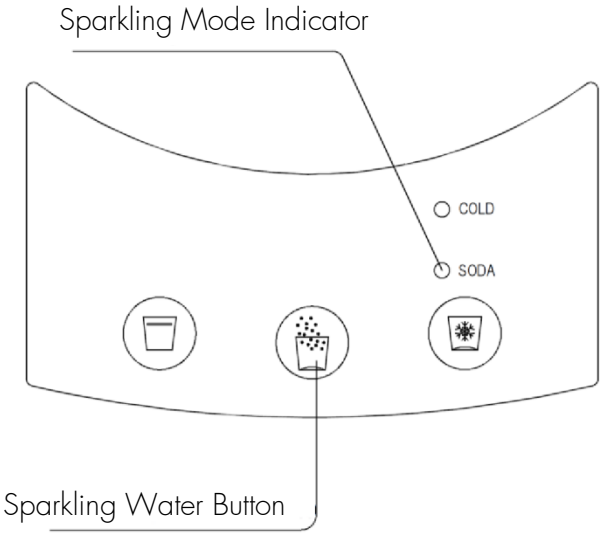
1.



Switch on the sparkling/carbonated water mode

2.

Press the sparkling water button and flush through approx. 10 litres of water. (A short pause will be needed every 500ml to allow the carbonation tank to refill).



3.

Check the regulator gauge is stabilised at the required pressure.

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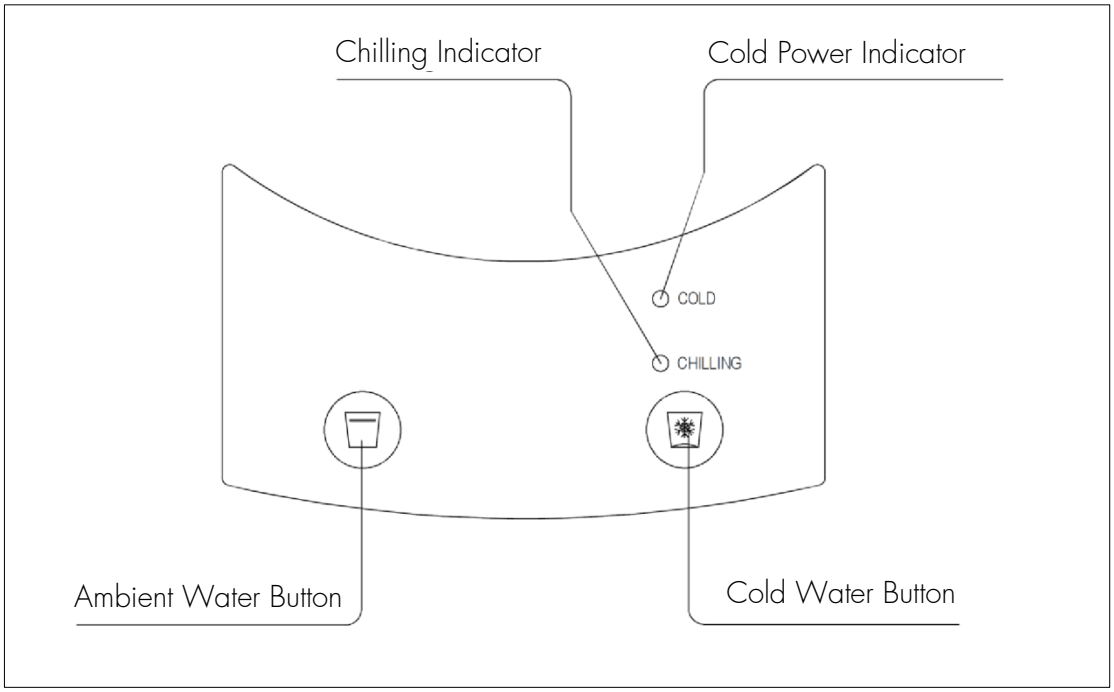
Operation - Control Panel

When water has been dispensed over 60 seconds, the LED light will flash due to the purpose of protection. Please release the water button and stop the light from flashing.



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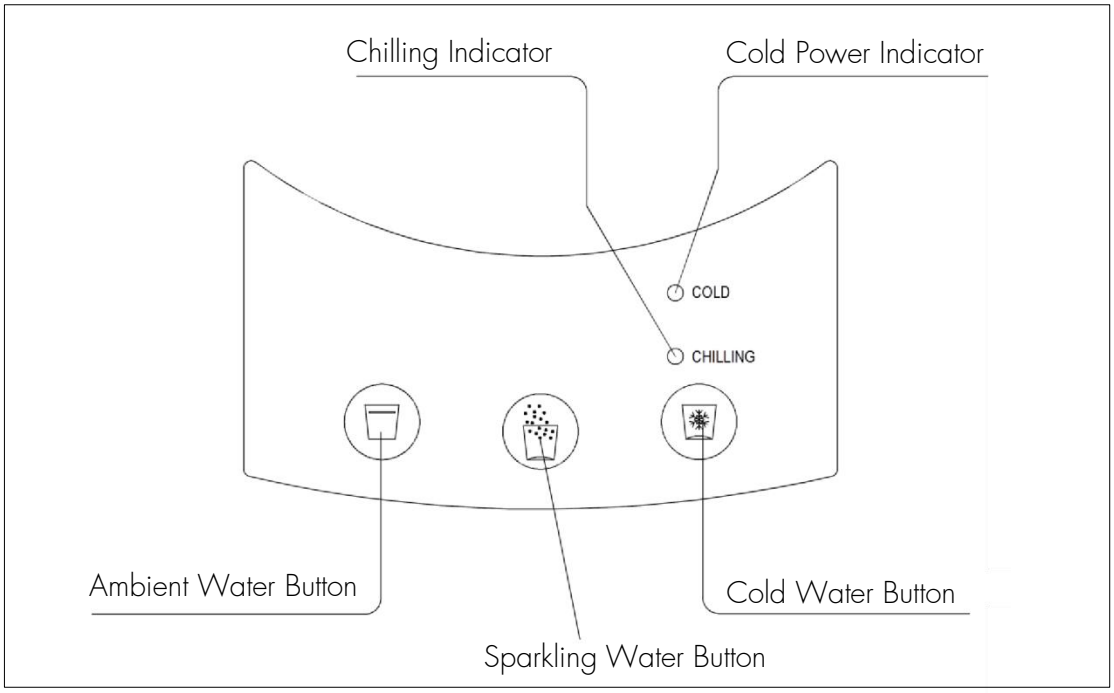
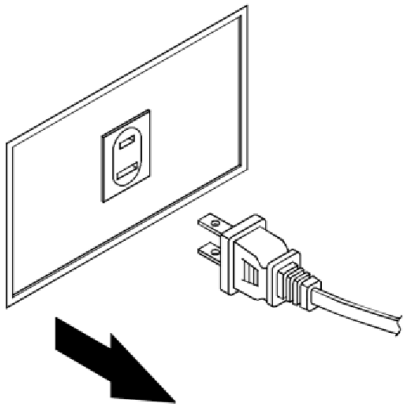


Maintenance & Removal

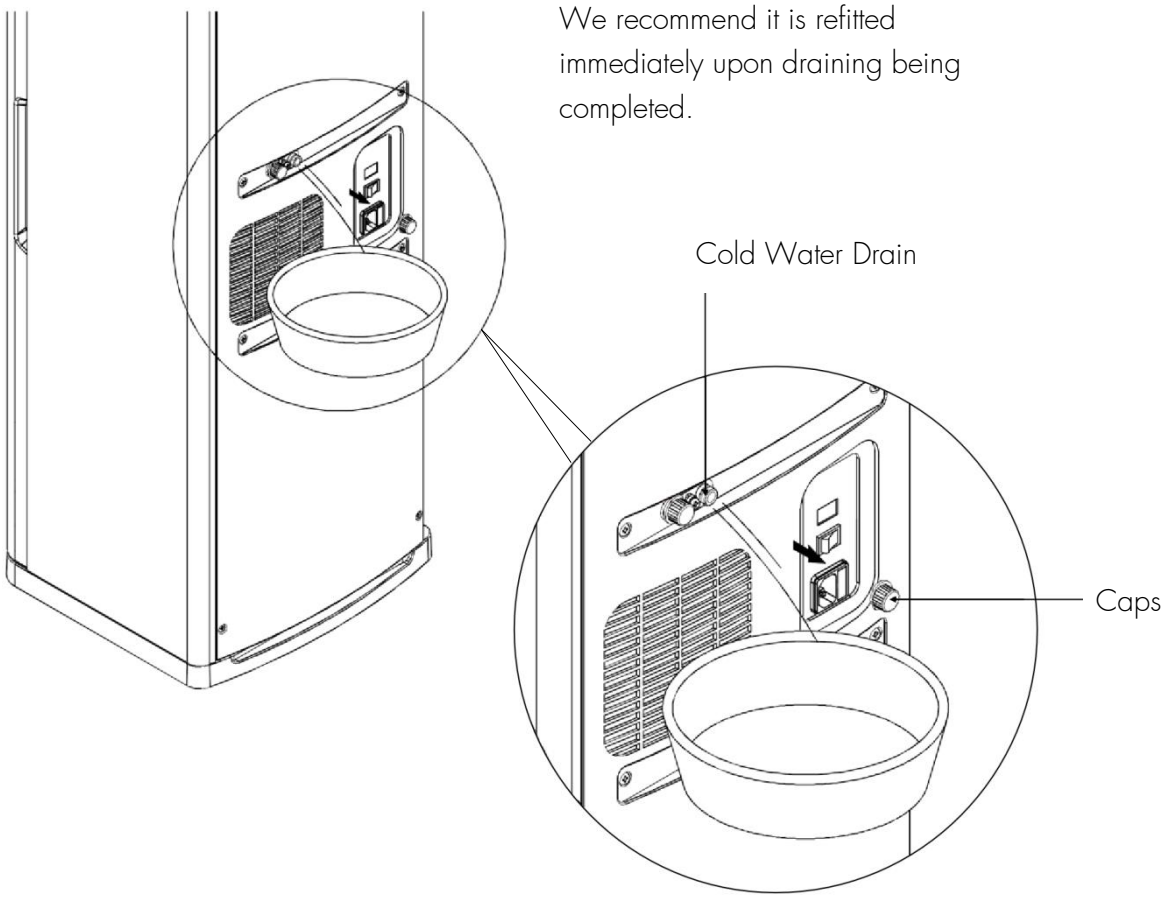
1.



Please make sure the machine is completely disconnected from electricity before carrying out any maintenance work.

2.

To drain the Direct Chill tank, remove the cap on the back of the machine. We recommend it is refitted immediately upon draining being completed.



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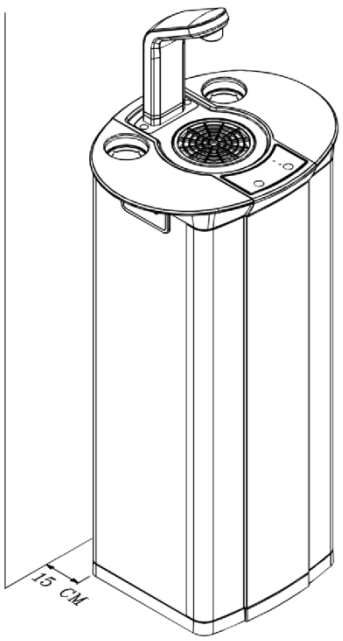
General Safety Advice



Leave a space no less than 15cm between the wall and dispenser.

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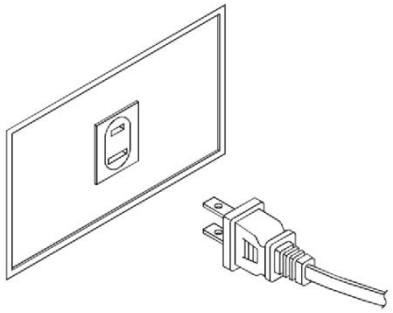
Keep the machine away from sunlight, heat and moisture.



Always connect to a fused electrical supply outlet, protected by an RCD.

DC15 Unite - All Models

Trouble Shooting

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Contents:

Trouble Shooting

Fault Diagnosis Guide 1 – No Water Dispenses

Problem/ Report	Possible Cause	Suggested Action
No Water Dispenses		
From Ambient Valve	Water Supply turned off	Check all Taps/valves/ filters on incoming supply are fitted and are turned on.
	No Electricity/Power Supply	Check power cord connected and live and machine is switched on.
	"Waterblock" tripped off	Reset "Waterblock" (and check for cause of leakage)
		Check valve action. Carefully dismantle valve and clean out/part replace/complete replace as needed.
	Faulty Solenoid Valve	Valve clicking but no water-Check if hole in centre of washer is clear.
		Valve not clicking-Check voltage output when operated. If no output replace PCB.
		If there is output, replace solenoid coil/whole valve coil/whole valve assembly complete.
	Leak detector has disabled dispense operation.	Check for internal leakage, ensure probes are dry and reset.
From Cold Valve	Firstly all as for Ambient Tap	Carry out checks and actions as for ambient tap.
	Chiller tank frozen – Faulty Thermostat/Incorrect Setting	Thaw out, check and replace thermostat or reset temperature set point.
	Chiller tank Frozen-faulty air pump	Thaw out, check operation and replace Air pump if necessary.

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Trouble Shooting

Fault Diagnosis Guide 2 – No Water Dispenses (continued)

Problem/ Report	Possible Cause	Suggested Action
No Water Dispenses (continued)		
From Ambient or Cold Valve	Button not being pressed enough	Press button firmly N.B.
	Faulty controls PCB – no voltage output.	Replace PCB – Check for 24 VDC outputs if necessary.
	Carbonation System switched off.	Check switch on back of the machine
From Sparkling Valve	Firstly as for Ambient and or Cold Dispense	Carry out the checks and actions as for Ambient Dispense
	Low or no CO2 pressure.	Check and replace cylinder as necessary
	Pump not operating	Check carbonator level Control System.
		Check probes connected/leads attached. Check power supply to pump.
	Carbonator Tank over pressurised with CO2	Switch Sparkling System off, shut off CO2 supply and release CO2 from carbonator. Switch Sparkling system on, then check pump operation. If normal, open CO2 supply after pump has stopped.
	Pump Feed Valve not opening	Check valve function: • If no input DC voltage, check rectifier and level control module. • If input but no function, check valve coil. Replace parts as needed.

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Trouble Shooting

Fault Diagnosis Guide 3 – Water Dispenses but not correct Temperature

Problem/ Report	Possible Cause	Suggested Action
Water Dispenses but not correct Temperature		
Ambient Water too warm	Low usage and / or fed from water supply pipe in warm ducting.	Advise user replacing external causes and solutions.
Cold water not Cold	Cooling and or Sparkling System switched off.	Check switch positions on the back of the machine as necessary.
	Compressor runs and switching off (cool/warm to touch) - Thermostat set too high.	Decrease Cold Thermostat set point.
	Faulty Thermostat.	Replace Thermostat
	Compressor runs but not Switching off (Hot to touch).	Contact Aftersales Support.
	Refrigeration problem.	Contact Aftersales Support.
	Compressor not running at all.	Check voltage path through the machine.
	No electricity power supply.	Check power cord connected and live, and machine is switched on.
	Compressor only hums slightly/ briefly.	Check and replace relays.
	Relays loose.	Check and refit relays.
	Compressor Faulty.	Contact Aftersales Support.
	DC Tank Empty	Check water level and replace level control module in fill valve as needed.

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Trouble Shooting

Fault Diagnosis Guide 4 – Water Leaks

Problem/ Report	Possible Cause	Suggested Action
Water Leaks		
Water lying on top edge of lower door panel and / or bottom of Cabinet.	Overflowing Waste Container.	Empty Waste Container and check drain pipe is not blocked.
Water lying in bottom of machine	Faulty Water System Level Sensor.	Check operation and replace batteries if needed.
	Leak in supply inlet pipe work and / or filter.	Locate and repair accordingly.
	Leak from machine water pipe work fittings.	Locate and repair accordingly.
		Check pressure and fit pressure reducing valve if needed.
	DC tank over overfilling	Check level control module and fill valve function.

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Trouble Shooting

Fault Diagnosis Guide 5 – Miscellaneous

Problem/ Report	Possible Cause	Suggested Action
Miscellaneous		
Bleeping Noise	Waste Container full/Internal water leak.	Empty Waste Container. Check and reset Leak Detector.
No LED function Lights	No electricity to Machine.	Check power supply and reconnect as necessary (Also check out other symptoms as described separately).
	Check Fuse in IEC Socket.	Replace if necessary.
	Faulty Control PCB (Machine working normally otherwise).	Replace Control PCB.
Machine shakes on Start-Up	Compressor Starting.	No action needed. This is quite normal.
	Level Surface.	
	Uneven Surface.	Level up machine using adjustable feet.
	Missing Fixings.	Replace missing fixings.
Tripping out Electricity supply	Machine in high humidity environment.	Discuss possible repositioning with customer.
	Electrical circuitry faults.	Test, identify and address accordingly. See Electrical Diagrams.
		(Contact Azure for further advice).

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Trouble Shooting

Fault Diagnosis Guide 6 – Miscellaneous

Problem/ Report	Possible Cause	Suggested Action
Slow but Continuous Water Dispense		
From Ambient or Cold Water Valve	Low incoming Water pressure.	Consider re-plumbing to alternative supply if possible or boosting the inlet supply pressure.
From Sparkling Water Valve	Low/no CO2 Pressure.	Check Regulator and/or replace cylinder.
Intermittent Water Dispense		
From Ambient or Cold Water Valve	Trapped air in pipe work (especially where water pressure is low or after filter change).	Hold button on to purge air out. (This could take several minutes where pressure is low).
		Use filter function if available.
	Button Not being pressed enough.	Press button firmly N.B. This could be caused by a surrounding cold environment making the action stiffer.
	Faulty Control PCB	Replace Control PCB.
From Ambient or Cold Water Valve and hammering noise	Fluctuating mains water pressure situation.	Contact Azure regarding special replacement washers available.
Continuous Water Dispense		
From Ambient/ Cold or Sparkling Water Valve.	Button jammed on/faulty.	Replace Control PCB and or/ button Panel as needed.
	Debris blocking hole in diaphragm washer.	Dismantle Valve and clean out.
	Faulty solenoid valve.	Check valve and replace if needed.

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DC15 Unite - All Models

Electrical Measurements, Component Diagrams & Lists

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Contents:

Electrical Test Measurement Values Guide

			DC15A	DC15AS
Compressor Resistance	Primary		12Ω	11Ω
	Secondary		34Ω	22Ω
	Total		46Ω	33Ω
Compressor Input Voltage			230V	230V
Compressor Relay Resistance	PTC	3 – 6	0Ω	0Ω
		3 – 5	36Ω	26Ω
		5 – 6	36Ω	26Ω
Compressor Relay Resistance		Klickson	1.7Ω	1.7Ω
Solenoid Coil Resistance	Cold Dispense	(0906)	84Ω	84Ω
	Ambient Dispense	(0906)	84Ω	84Ω
	Sparkling Dispense	(0906)	84Ω	84Ω
	Tank Fill	(0906)	84Ω	84Ω
	Pump Feed	(0906)	84Ω	84Ω
	Cold Dispense	(All)	N/A	N/A
	Hot Dispense	(All)	84Ω	84Ω
Solenoid Valve Input Voltage			215VDC	215VDC
Cooling Current/Power	Normal	At 230V	0.8A/85-95W	0.8A/85-95W
	Reduced	At 230V	0.7A/80-85W	0.7A/80-85W
	Ineffective	At 230V	<0.7A/80W	<0.7A/80W
Heater Resistance	Main Element	(400W/1.74A)	N/A	N/A
		(535W/2.33A)	N/A	N/A
		(825W/3.58A)	63Ω	63Ω
	Standby Element	(35W/0.15A)	N/A	N/A
		(50W/0.22A)	N/A	N/A
Heater Band Input Voltage			230V	N/A

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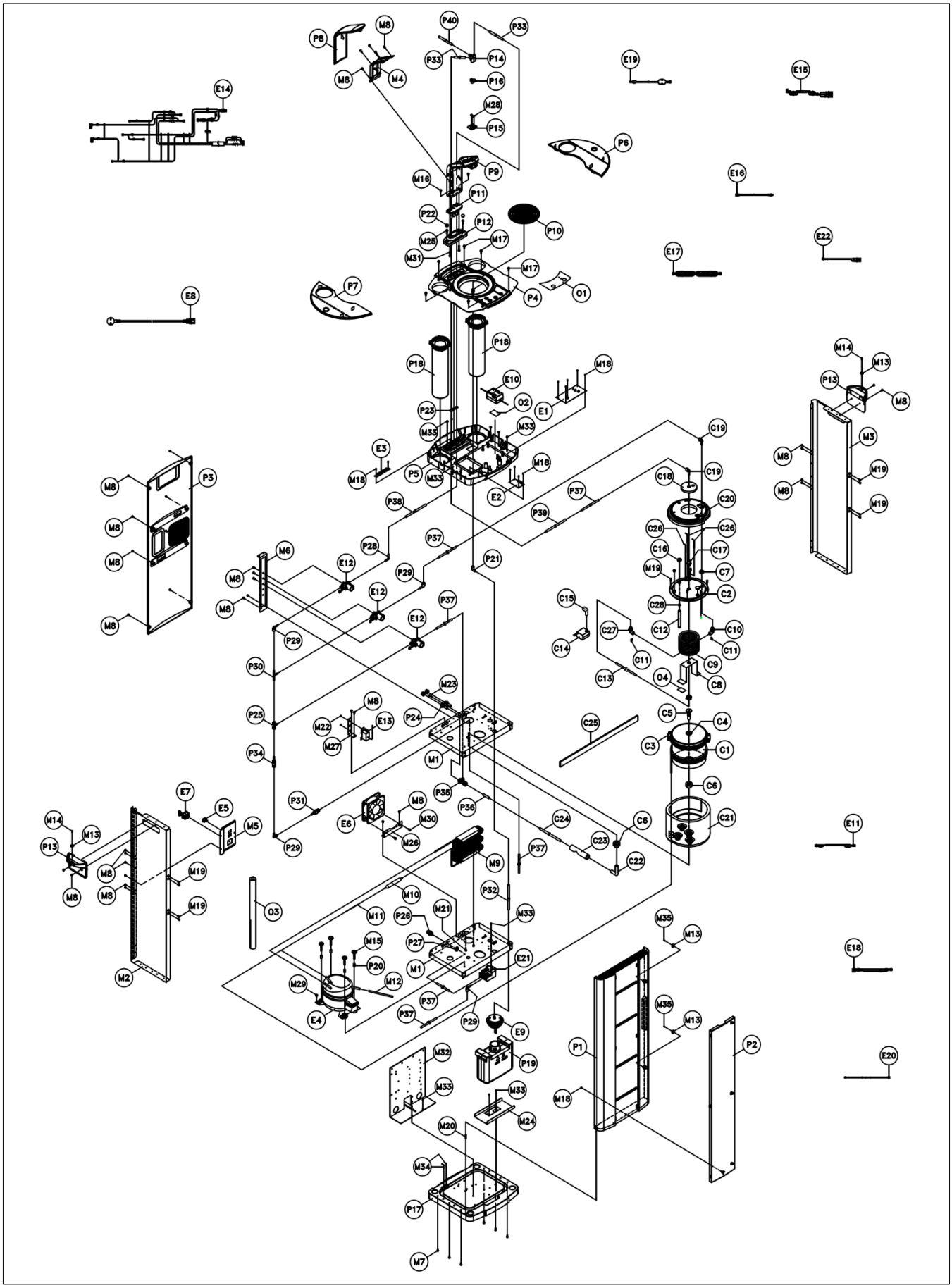
Exploded Component Diagram DC15A



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DC15A – Parts List

Item	Part Description	QTY	Recommended Engineer Spares	Notes
P1	Door Panel (Shell only)	1		
P2	Door Panel Infill	1		
P3	Rear Cover Panel	1		
P4	Top Panel (Upper)	1		
P5	Top Panel (Lower)	1		
P6	Right Top Panel Cover Plate	1		
P7	Left Top Panel Cover Plate	1		
P8	Faucet Cover (Upper)	1		
P9	Faucet Body	1		
P10	Drainage Grill	1		
P11	Faucet LED Lens	1		
P12	Faucet Base	1		
P13	Top Panel Cover Plate Bracket	2		
P14	Dispense Manifold Body	1		
P15	Dispense Manifold Outlet	1		
P16	Dispense Manifold Core	3		
P17	Base Panel	1		
P18	Cup Dispenser Tube Set - Complete	2		
P19	Waste Water Container	1		
P20	Compressor Mount Sleeve	4		
P21	Drain Outlet Fitting	1		
P22	Faucet Fixing Cover	2		
P23	O-Ring	3		
P24	2-Port Drainage Outlet	1		
P25	1/4" Spigot Branch Tee	1		
P26	1/4" Straight Bulkhead Fitting	1		
P27	M16 Hexagon Nut	1		
P28	1/4" Spigot Elbow Fitting	1		
P29	1/4" Stem Elbow	4		
P30	1/4" Spigot Tee	1		
P31	Grit Filter	1		
P32	Drainage Pipe	1		

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DC15A – Parts List (continued)

Item	Part Description	QTY	Recommended Engineer Spares	Notes
P33	1/4" Faucet Pipe	2		
P34	Single Check Valve	1		
P35	3/8"/1/4" Unequal Tee	1		
P36	3/8" Water Pipe	1		
P37	1/4" Water Pipe	6		
P38	1/4" Water Pipe	1		
P39	1/4" Water Pipe	1		
P40	1/4" Water Pipe	1		
P41	Internal Cover Guard			
M1	Mid Shelf	2		
M2	Left Side Panel	1		
M3	Right Side Panel	1		
M4	Faucet Internal Bracket	1		
M5	Switch Mounting Bracket	1		
M6	Solenoid Mounting Bracket	1		
M7	Fixing Screw	6		
M8	Fixing Screw	31		
M9	Condenser	1		
M10	Refrigeration Drier	1		
M11	Capillary Tube	1		
M12	Charging Tube	1		
M13	Magnetic Catch	4		
M14	Fixing Screw	2		
M15	Fixing Screw	4		
M16	T Type Nut	2		
M17	Fixing Screw	6		
M18	Fixing Screw	12		
M19	Fixing Screw	12		
M20	Door Panel Hinge Pin	1		
M21	Fixing Screw	2		
M23	Fixing Screw	2		
M23	Fixing Screw	1		

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DC15A – Parts List (continued)

Item	Part Description	QTY	Recommended Engineer Spares	Notes
M24	Drain Container Mounting Plate	1		
M25	Fixing Screw	2		
M26	Fan Mounting Bracket	1		
M27	Thermostat Mounting Bracket	1		
M28	St/St Dispense Screen	3		
M29	Fixing Screw	1		
M30	Fixing Screw	2		
M31	Fixing Screw	2		
M32	Filter Bracket	1		
M33	Fixing Screw	13		
M34	Leak Detector Probe	2		
M35	Fixing Screw	2		
E1	Main Control PCB	1	✓	
E2	Level Control Module	1	✓	
E3	Faucet Feature LED Block	1		
E4	Compressor	1		
E5	On/Off Switch	1		
E6	Fan	1	✓	
E7	IEC Inlet - Fused	1		
E8	IEC Power Cord set	1		
E9	Level Sensor Module	1		
E10	Transformer (24vDC)	1	✓	
E11	Power Extension Cord	1		
E12	Solenoid Valve	3	✓	
E13	Cold Thermostat	1	✓	
E14	Main Wiring Harness	1		
E15	Level Control Wiring Harness	1		
E16	Fan Wiring Harness	1		
E17	Level Control Wiring Harness	1		
E18	24V Power Connecting Cable	1		
E19	Level Sensor Module Harness	1		
E20	Earth Wire Harness	1		

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DC15A – Parts List (continued)

Item	Part Description	QTY	Recommended Engineer Spares	Notes
E21	Leak Detector Module	1		
E22	Leak Detection Probe	1		
C1	Cold Tank - Set	1		
C2	Cold Tank - Lid	1		
C3	Cold Tank Lid Fastening Ring	1		
C4	Cold Tank Outlet Seal	1		
C5	Cold Tank Outlet Fitting	1		
C6	Outlet Back Nut	2		
C7	Fitting Back Nut	1		
C8	DC Coil Bracket	1		
C9	DC Coil	1		
C10	1/4" Angled Bulkhead Connector	1		
C11	1/4" Clip	2		
C12	Thermostat Sleeve	1		
C13	1/4" Internal DC Connection Tube	1		
C14	DC Circulation Pump Set	1		
C15	Elbow Fitting	1		
C16	Bung	1		
C17	1/4" Straight Bulkhead Connector	1		
C18	Insulation Filler	2		
C19	1/4" Stem Elbow	2		
C20	Top Insulated Cover	1		
C21	Cold Tank Insulation Sleeve	1		
C22	Angled Silicon Tube	1		
C23	Pipe Sleeve	1		
C24	Silicon Pipe	1		
C25	Thermal Insulation	1		
C26	Level Control Probe	3		
C27	1/4" Elbow	1		
C28	O-Ring	1		
O1	Control Panel Label	1	✓	
O2	D/Sided Fastener	1		
O3	Pipe Insulation	1		
O4	D/Sided Fastener	1		

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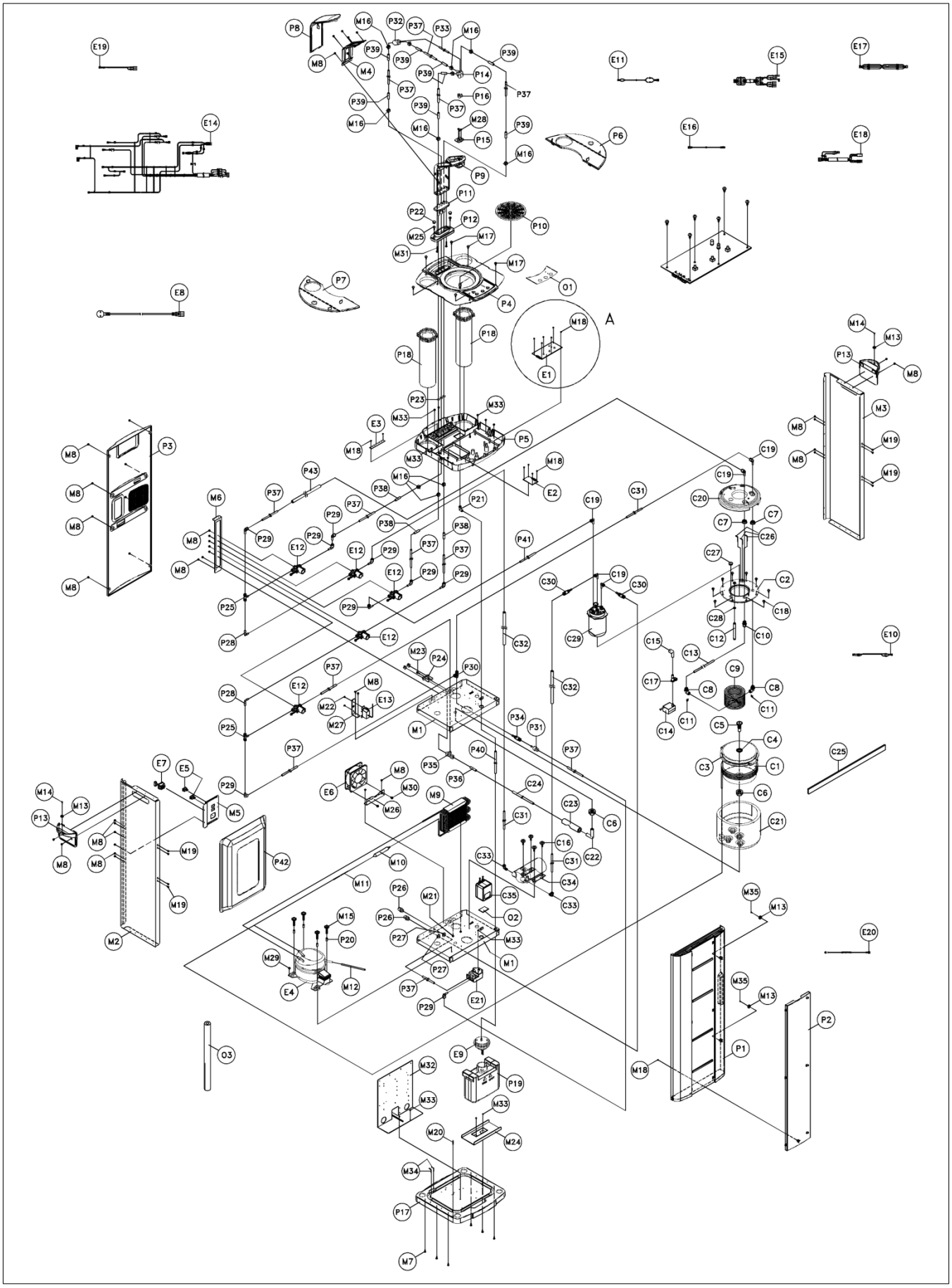
Exploded Component Diagram DC15AS



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DC15AS – Parts List

Item	Part Description	QTY	Recommended Engineer Spares	Notes
P1	Door Panel (Shell only)	1		
P2	Door Panel Infill	1		
P3	Rear Cover Panel	1		
P4	Top Panel (Upper)	1		
P5	Top Panel (Lower)	1		
P6	Right Top Panel Cover Plate	1		
P7	Left Top Panel Cover Plate	1		
P8	Faucet Cover (Upper)	1		
P9	Faucet Body	1		
P10	Drainage Grill	1		
P11	Faucet LED Lens	1		
P12	Faucet Base	1		
P13	Top Panel Cover Plate Bracket	2		
P14	Dispense Manifold Body	1		
P15	Dispense Manifold Outlet	1		
P16	Dispense Manifold Core	3		
P17	Base Panel	1		
P18	Cup Dispenser Tube Set - Complete	2		
P19	Waste Water Container	1		
P20	Compressor Mount Sleeve	4		
P21	Drain Outlet Fitting	1		
P22	Faucet Fixing Cover	2		
P23	O-Ring	3		
P24	2-Port Drainage Outlet	1		
P25	1/4" Spigot Branch Tee	2		
P26	1/4" Straight Bulkhead Fitting	2		
P27	M16 Hexagon Nut	2		
P28	1/4" Spigot Elbow Fitting	2		
P29	1/4" Stem Elbow	9		
P30	1/4" Tee Fitting	1		
P31	Grit Filter	1		
P32	Drainage Pipe	1		
P33	1/4" Faucet Pipe	1		
P34	Single Check Valve	1		
P35	3/8"/1/4" Unequal Tee	1		
P36	3/8" Water Pipe	1		
P37	1/4" Water Pipe	12		
P38	1/4" Water Pipe	3		
P39	1/4" Water Pipe	8		

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DC15AS – Parts List (continued)

Item	Part Description	QTY	Recommended Engineer Spares	Notes
P40	1/4" Water Pipe	1		
P41	1/4" Water Pipe	1		
P42	Internal Cover Guard	1		
P43	PVC Sleeving	1		
M1	Mid Shelf	2		
M2	Left Side Panel	1		
M3	Right Side Panel	1		
M4	Faucet Internal Bracket	1		
M5	Switch Mounting Bracket	1		
M6	Solenoid Mounting Bracket	1		
M7	Fixing Screw	6		
M8	Fixing Screw	39		
M9	Condenser	1		
M10	Refrigeration Drier	1		
M11	Capillary Tube	1		
M12	Charging Tube	1		
M13	Magnetic Catch	4		
M14	Fixing Screw	2		
M15	Fixing Screw	4		
M16	Pipe Spring Clip	11		
M17	Fixing Screw	6		
M18	Fixing Screw	13		
M19	Fixing Screw	8		
M20	Door Panel Hinge Pin	1		
M21	Fixing Screw	2		
M23	Fixing Screw	2		
M23	Fixing Screw	1		
M24	Drain Container Mounting Plate	1		
M25	Fixing Screw	2		
M26	Fan Mounting Bracket	1		
M27	Thermostat Mounting Bracket	1		
M28	St/St Dispense Screen	3		
M29	Fixing Screw	1		
M30	Fixing Screw	2		
M31	Fixing Screw	2		
M32	Filter Bracket	1		
M33	Fixing Screw	13		
M34	Level Sensor Probe	2		
M35	Fixing Screw	2		

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DC15AS – Parts List (continued)

Item	Part Description	QTY	Recommended Engineer Spares	Notes
E1	Main Control PCB	1	✓	
E2	Level Control Module	1	✓	
E3	Faucet Feature LED Block	1		
E4	Compressor	1		
E5	On/Off Switch	2		
E6	Fan	1	✓	
E7	IEC Inlet - Fused	1		
E8	IEC Power Cordset	1		
E9	Level Sensor Module	1		
E10	Power Extension Cord	1		
E11	Level Sensor Module Harness	1		
E12	Solenoid Valve	5	✓	
E13	Cold Thermostat	1	✓	
E14	Main Wiring Harness	1		
E15	Level Control Wiring Harness	1		
E16	Fan Wiring Harness	1		
E17	Level Control Wiring Harness	1		
E18	24V Power Connecting Wire	1		
E19	Leak Detection Probe	1		
E20	Earth Wire Harness	1		
E21	Leak Detector Module	1		
C1	Cold Tank - Set	1		
C2	Cold Tank - Lid	1		
C3	Cold Tank Lid Fastening Ring	1		
C4	Cold Tank Outlet Seal	1		
C5	Cold Tank Outlet Fitting	1		
C6	Outlet Back Nut	2		
C7	Fitting Back Nut	2		
C8	1/4" Angled Bulkhead Connector	2		
C9	DC Coil	1		
C10	1/4" Straight Bulkhead Fitting	1		
C11	1/4" Clip	2		
C12	Thermostat Sleeve	1		
C13	1/4" Internal DC Connection Tube	1		
C14	DC Circulation Pump Set	1		
C15	Elbow Fitting	1		
C16	Fixing Screw	4		
C17	DC Circulation Pump Pipe Clip	1		
C18	Fixing Screw	8		

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DC15AS – Parts List (continued)

Item	Part Description	QTY	Recommended Engineer Spares	Notes
C19	1/4" Stem Elbow	5		
C20	Top Insulated Cover	1		
C21	Cold Tank Insulation Sleeve	1		
C22	Angled Silicon Tube	1		
C23	Pipe Sleeve	1		
C24	Silicon Pipe	1		
C25	Thermal Insulation	1		
C26	Level Control Probe	3		
C27	Bung	1		
C28	O-Ring	1		
C29	Carbonation Tank	1		
C30	Single Check Valve	2		
C31	1/4" Water Pipe	3		
C32	PVC Tubing	2		
C33	Elbow Fitting	2		
C34	Carbonation Pump	1		
C35	Transformer (24vDC)	1		
O1	Control Panel Label	1	✓	
O2	D/Sided Fastener	1		
O3	Pipe Insulation	1		

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DC15 Unite - All Models

Electrical Circuit & Water Pathway Diagrams

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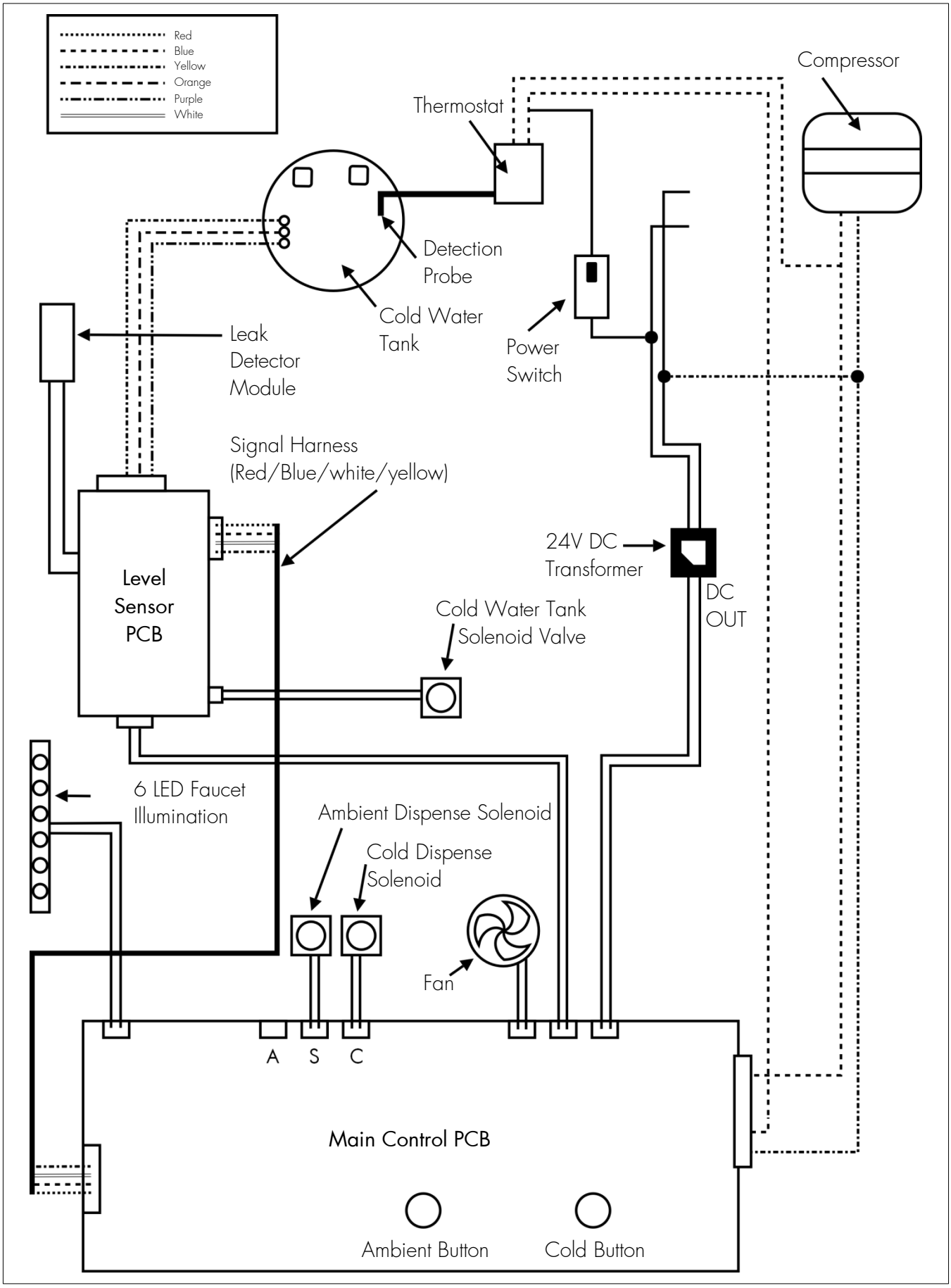
Contents:

Electrical Circuit Diagram DC15A



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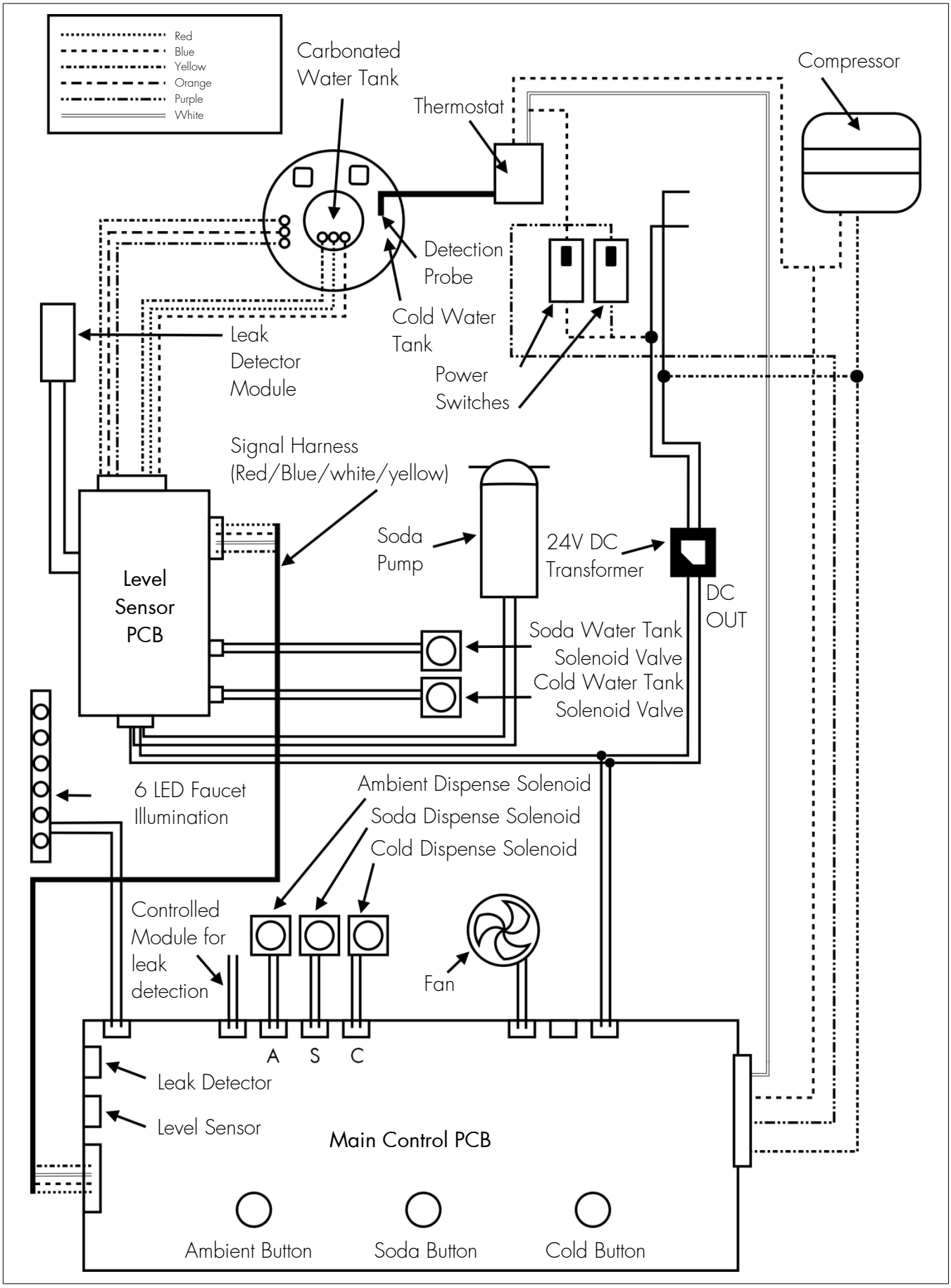
Electrical Circuit Diagram DC15AS



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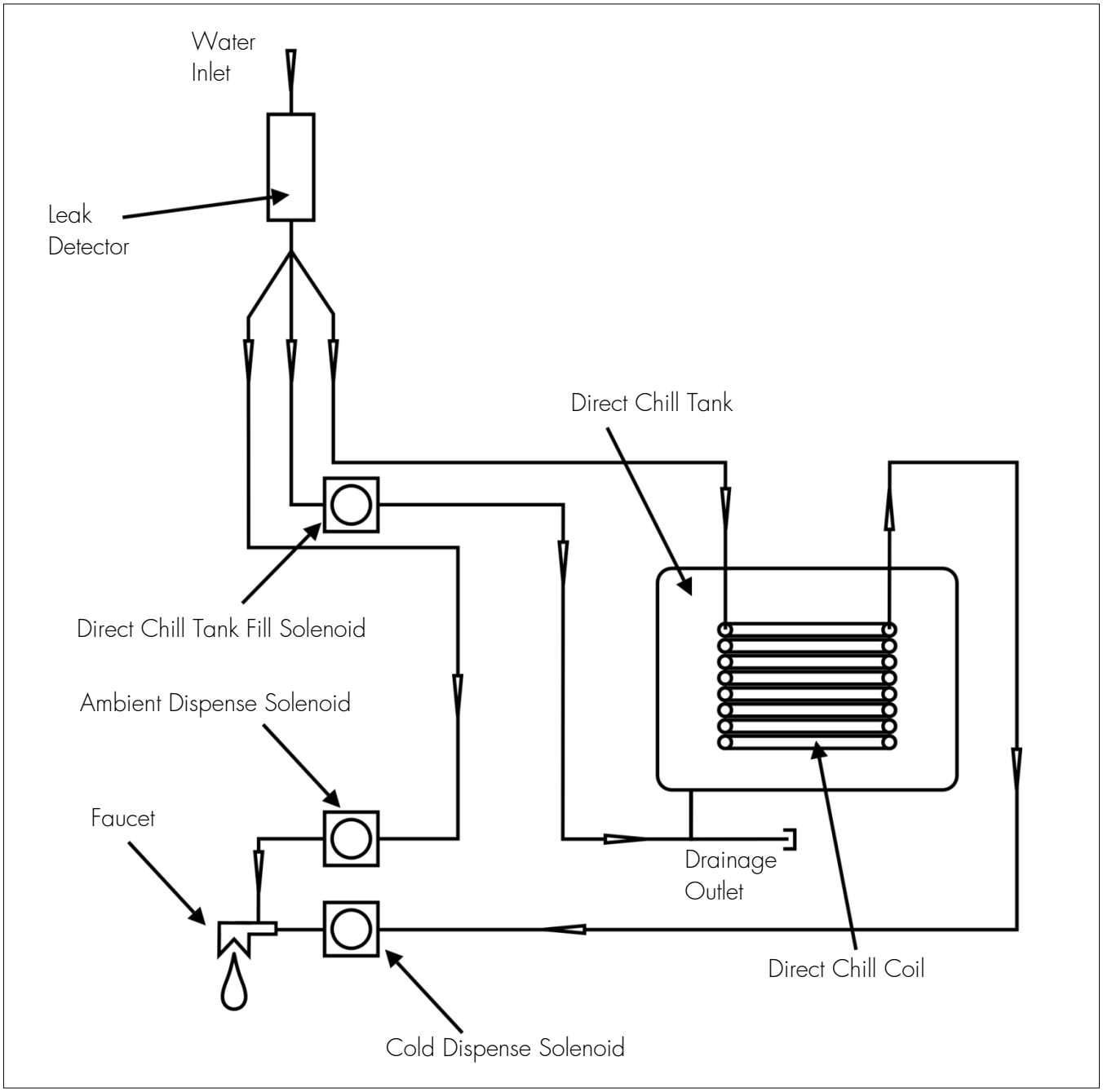
Water Pathway Diagram DC15A



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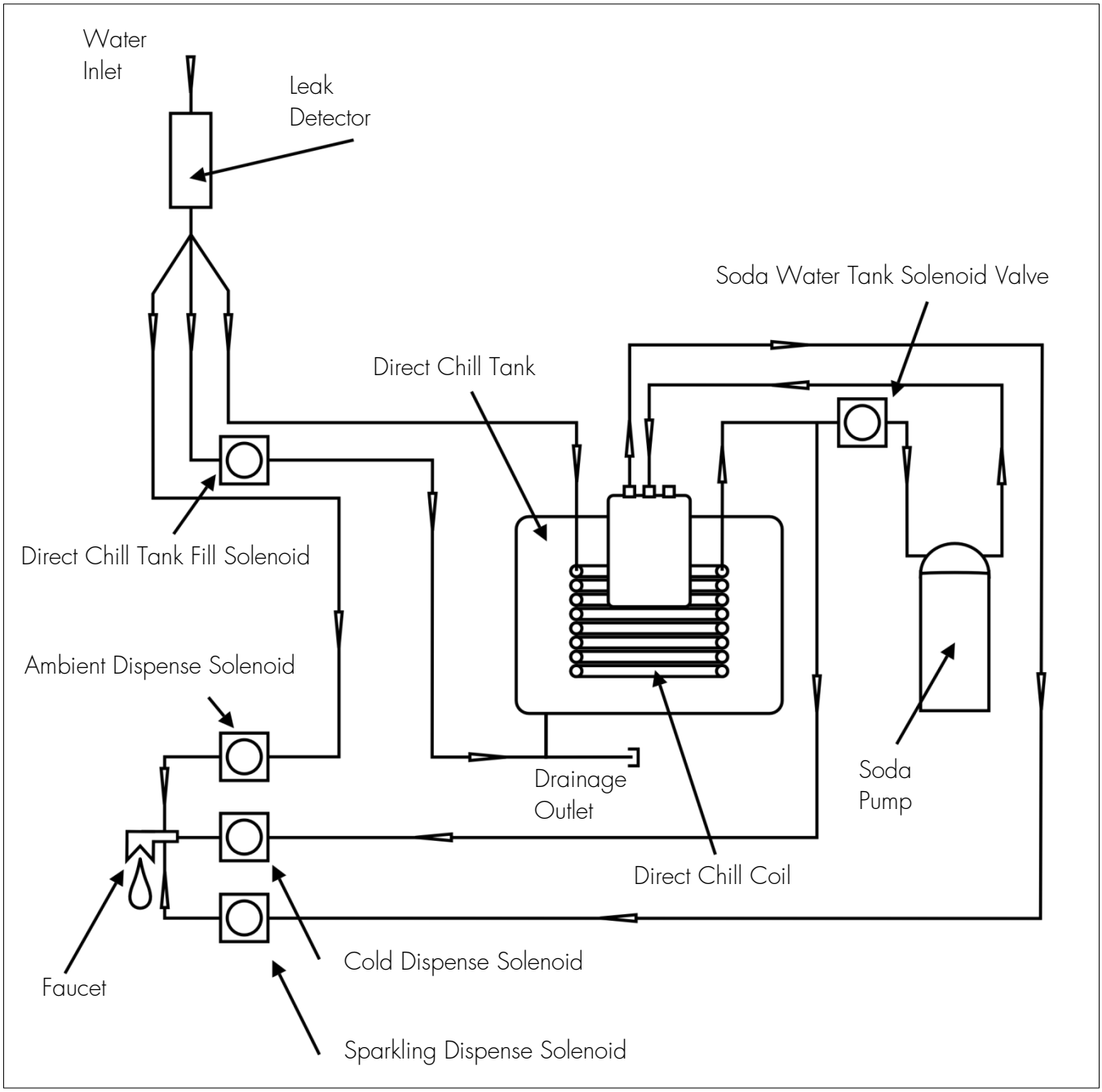
Water Pathway Diagram DC15AS



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