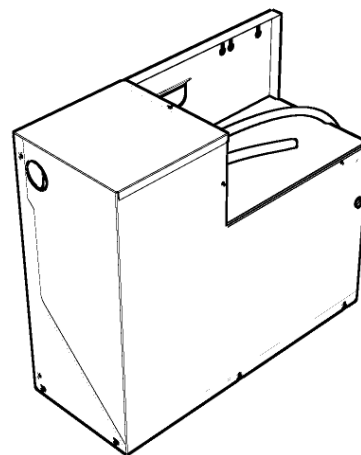
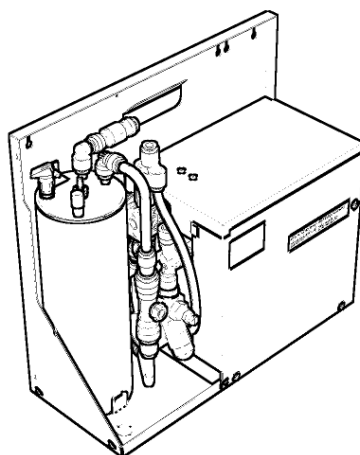
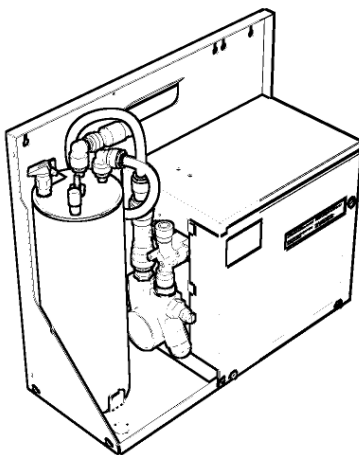




**Product Manual**

**EXL17##  
Ambient and Still-Boost  
Carbonators**



# Introduction, Specification, Installation and Commissioning

## Contents

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## Introduction

The EXL17# range are high capacity ambient carbonators available with the option of still water boost. They are designed to carbonate water at ambient temperatures prior to chilling.

Model Numbering Convention: All models of the type EXL17# are ambient carbonators, any model with the suffix S incorporates a pumped still water facility.

## Specification

<b>Dimensions</b>	426mm(W) 173mm(D) 380mm(H)	<b>Rated Current</b>	2.3A
<b>Dry Weight</b>	12Kg	<b>Supply</b>	220-240Vac/50Hz
<b>Rated Input</b>	300W	<b>Fuse Rating</b>	5A(T)
<b>IP Rating</b>	N/A	<b>Climatic Class</b>	N/A
<b>Max CO2 Supply Pressure</b>	90psi/ 6 bar	<b>Maximum carbonated water flow rate</b>	80ml/s

## Safety

**The unit should be isolated from the electricity supply before removal of the covers.**

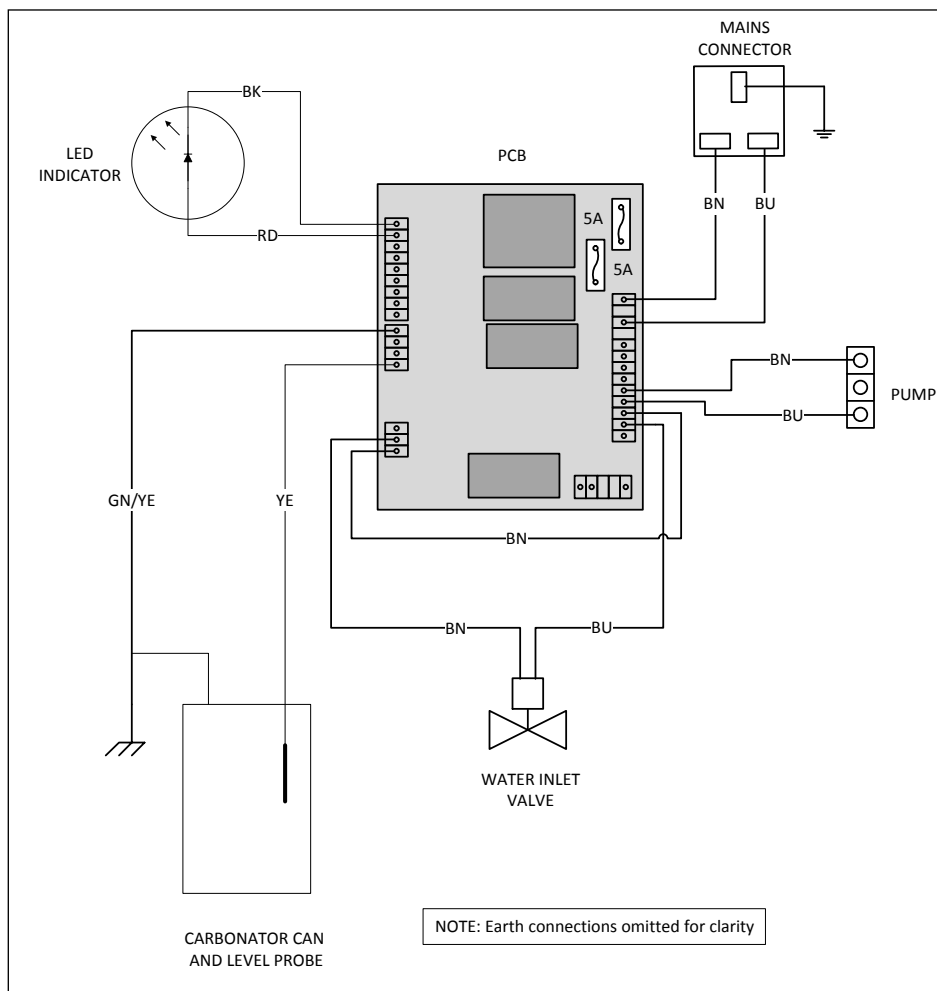
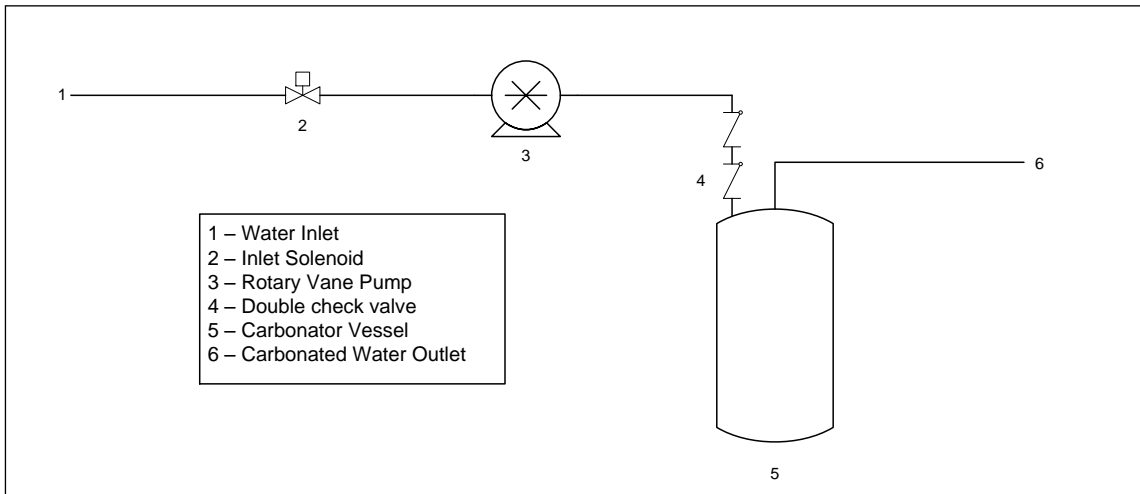
## Commissioning

All models in the range are suitable for either wall or floor mounting, with the back panel being punched to suit fixing centres for most carbonators currently in the market. Care should be taken to ensure all connection tubes do not put undue stress on the connecting fittings as this could cause leaks, or damage to fittings.

Connect the water inlet, still and carbonated output, as appropriate, CO2 inlet and power. Turn on the CO2 supply and purge the carbonator vessel by lifting the red lever of the pressure relief valve on top of the can, and let gas flow for up to 5 seconds. Turn on the water supply, **then** the power and the pump will operate to fill the can.

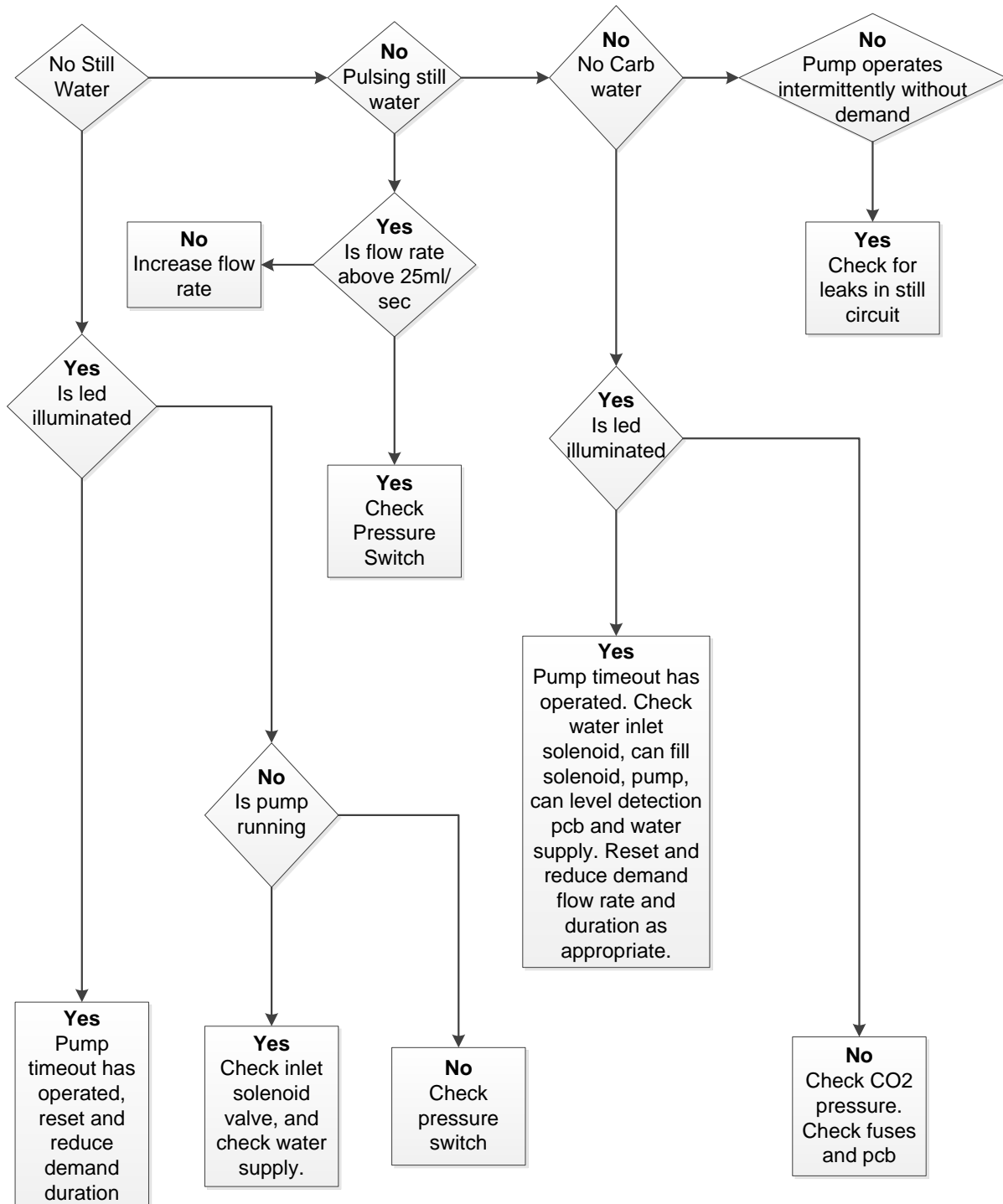
To achieve optimum carbonation, all air must be purged from the pipework and can, and it is suggested that water be drawn from the outlet (on still boosted models both still and carbonated) to flush any air out. The power should then be turned off, the can emptied, the power turned back on, and the can allowed to fill again.

# Ambient Carbonator Water and Wiring Schematics



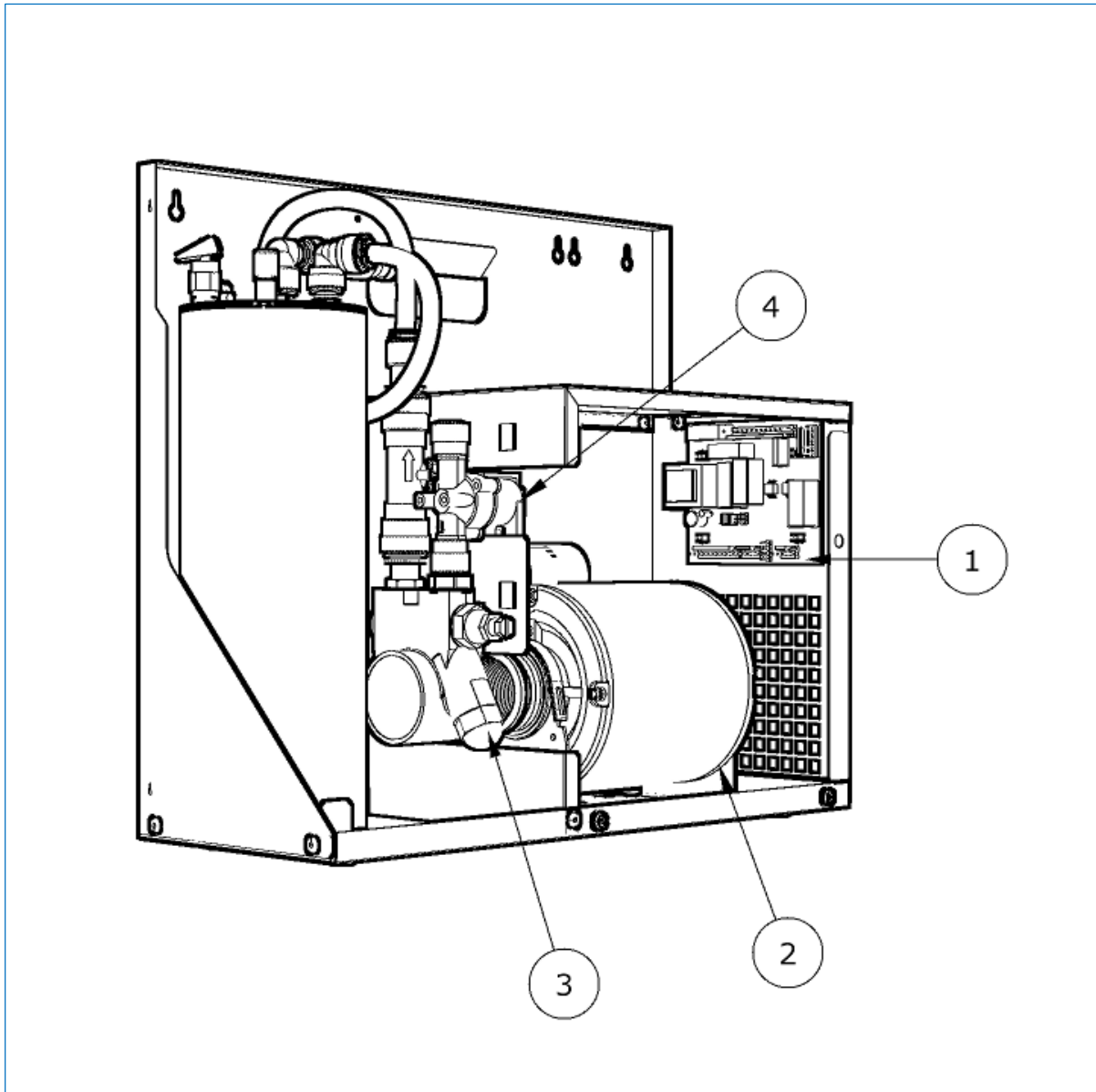


# Fault Finding



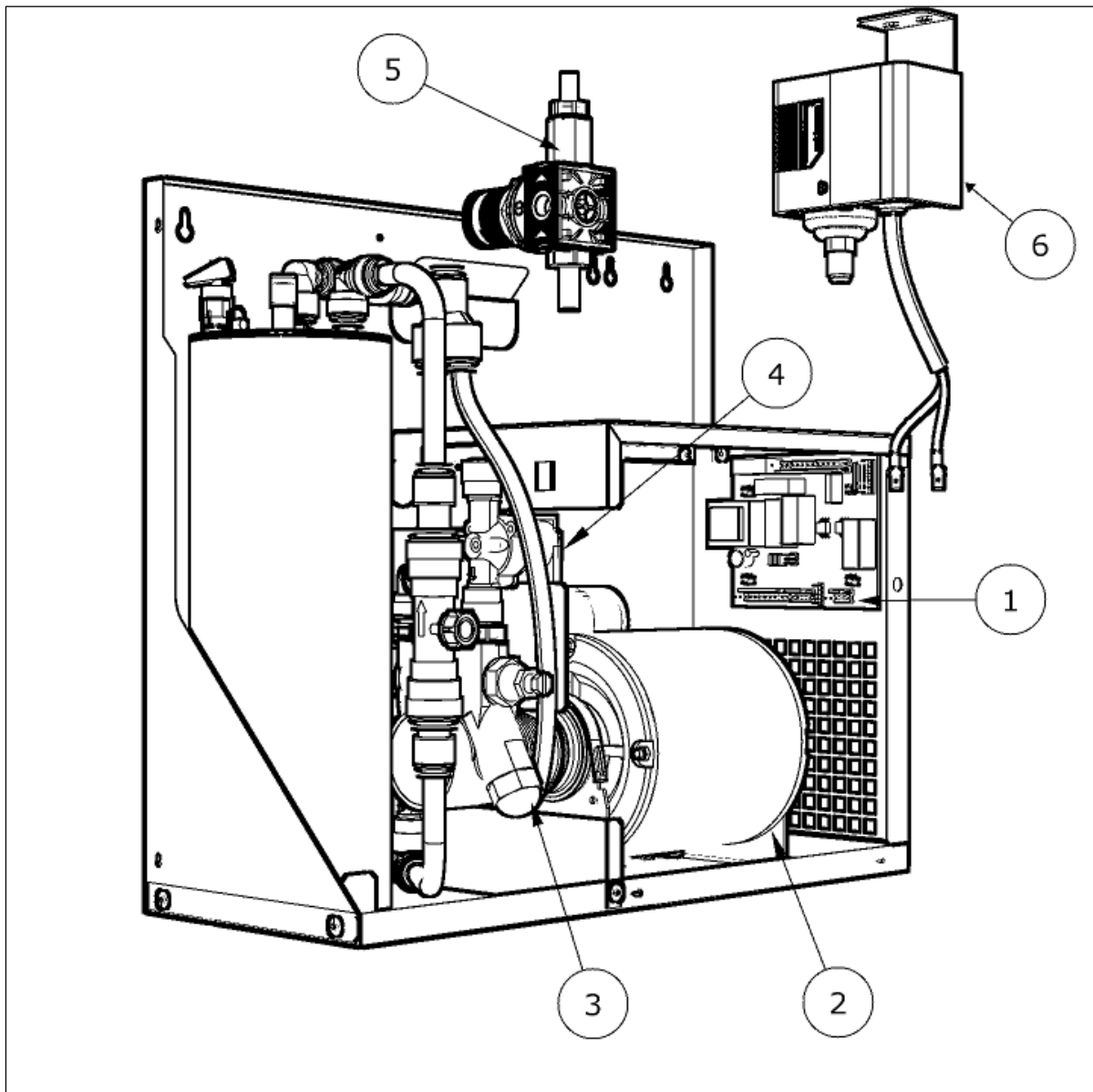
## Replacement Parts – Ambient Carbonators – EXL17#

Item No	Description	Part No
1	PCB	1A5417
2	Pump motor only	1A5010
3	Inlet solenoid valve	3B3641
4	Pump head only	1B6629



## Replacement Parts – Still Boost Carbonators – EXL17#S

Item No	Description	Part No
1	PCB	1A5417
2	Pump motor only	1A5010
3	Inlet solenoid valve Can-fill solenoid valve	3B3641
4	Pump head only	1B6629
5	Pressure regulator	1A5011
6	Pressure switch	1A5291





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