

CHECKLIST for Nitro-Dispensers for Cold-Brew Coffee

Technical problems, fixable through the operator					Operator experience ID							
					E1	E2	E3	E4	E5	E6	E7	E8
Problem ID	Problem	Effect	toDO	Verification	Too much foam during dispense	Not enough foam during dispense	Liquid flowrate is too slow	No liquid is coming out anymore	Drinks are not cold enough	Leaking	Bad taste / Collapsing canister	Others
CBP1	Pressure toggle switch OFF	No power built-up of the pneumatic circuit. -> No dispense happens, as the pumps runs on pneumatic pressure.	Switch pressure toggle switch in ON position	Dispensing becomes possible				X				
CBP2	No electrical power	Without electrical power no cooling and no air compressor runs. -> No dispensing, no cooling	Check if power cord properly is plugged in. Check if any fuse trapped. Check whether the dispenser makes any noise.	You should hear some noises when opening the tap. (e.g. pump, air-compressor, cooling-compressor)				X				
CBP3	CPC adapter intake line not properly connected.	The CPC adapter of the intake line is not pushed properly into the dispenser socket or the canister socket.	Check the socket connections of intake line and reestablish connection.	Visual check if intake line socket connections are ok.				X				
CBP4	High volume dispense	If there is high volume dispense in peak moments, the cooling compressor cannot cool down fast enough.	The canister connected to the dispenser must be pre cooled in a fridge. This reduces the required cooling energy for the dispenser.	In high volume nonstop dispense the cooling effect is only around 7°C between input and output. Target dispense temperature: 5° (+/- 1° C) 41°F (+/-2°F)					X			
CBP5	Intake filter clogged	Liquid flowrate too slow -> Mismatch of gas and liquid stream	Open and check intake filter	Target flowrate: 0.6 l/min (+/- 10%)	X		X	X				
CBP6	Tap outlet nozzle clogged	Liquid flowrate too slow -> Mismatch of gas and liquid stream	Open and check nozzle. Try to tap without nozzle.	Target flowrate: 0.6 l/min (+/- 10%)	X		X	X				
CBP7	Smaller air leak at intake line	Together with the liquid, air is sucked into the dispenser through a leak in intake line or canister lid. -> Mismatch of gas and liquid stream	Check all connections at intake line and in canister lid.	Visible check: There must not be any air bubbles sucked into the dispenser during dispense.	X		X	X				
CBP8	Big air leak at intake line	Due to a loose connection at the intake line or canister lid, ambient air is sucked into the dispenser instead of product out of the canister.	Check all connections at intake line and in canister lid.	Visible check: There must not be any air bubbles sucked into the dispenser during dispense.				X				
CBP9	Recipe or glass issue	Ingredient based foam instability or detergent traces at glass border.	Dispenser cleaning. Use fresh ingredients. Clean glasses / cups properly and rinse with fresh water	Excellent foam quality is a MUST HAVE.		X						
CBP10	Tap valve not screwed in entirely	The valve is not in the end position. -> Liquid will spill out although tap is closed	Tighten tap valve to its end position.	No liquid must spill out when tap is closed.						X		
CBP11	Leaking in terms of liquid spilling or	Leaking from intake hose are probably due to a bad hose connection.	Reestablish connections at the intake hoses. Check the O-ring from CPC couplers at intake	No leaking from intake hose or coupler must occur.						X		

	dropping out.	Leaking at the coupler are probably caused through a damaged O-ring. Leaking from inside the machine require service technician.	line. A bad O-ring at a coupler can be the problem.										
CBP12	No cleaning	Without regular cleaning, the quality of the drinks will suffer. The canister can collapse if the venting valve in the lid is not cleaned.	Apply cleaning procedure as described in manual chapter 5.4	After cleaning check smell / taste with pure water. There must NOT be any OFF taste.								X	
CBP13	Canister venting valve blocked	Canister is collapsing as venting valve does not open when liquid is sucked out through the dispenser.	Regular cleaning of venting valve in canister lid is required to avoid this. See cleaning procedure in manual chapter 5.5	When venting valve is cleaned it will open when product is sucked from canister.								X	
CBP14	Part damaged or broken	If parts are damaged those can be ordered through your supplier / service partner.											X