

Mira Troubleshooting**5-2021****Drink Dispensing:****Customer is unable to adjust extraction time****Ensure buttons are programmed to desired amount of water***Test without coffee, water should flow slightly more than desired coffee volume**(Allows for water absorbed by coffee grounds.)***Test water flow rate from group without coffee****Checks for clogs in dispensing system**

Should be ~200 ml in 20 seconds

*150 – 200 ml run a cleaning cycle and check for improvement**Less than 150 ml – Troubleshoot no water flow as below***Grinder may be set very coarse, grounds should be like sugar****No or low water flow from groups:****Clogged Brew Valve**

Coffee or cleaner residue clog

Clogged Gicleur Jet

Water Scale or debris in 0.7mm flow restrictor jet

Clogged Flowmeter

Plumbers tape, scale, or debris

Cleaning cup in place will block flow, remove portafilter!**DCA pod adaptor must have pod in place to open allow water flow!****Loud buzzing sound when making a shot****Pump starved for water**

Water supply shut OFF

Water filter clogged

“Howling” sound when making a shot

Non-return check valve faulty

Not Heating:

No Steam or Hot water from steam boiler

Cold water from groups

Main switch on Position "1"

- Turn to Position "2" Heating

High Limit tripped

- Poor water flow to machine (clogged filters)
- Check filling valve adjustment, open 3 turns
- Scale in Boiler/filling pipes

"False Pressure"

- Open steam valve to release air pressure

Hot water in Pumphead. Noisy pumphead.

Hot water under pressure when pump fittings disconnected.

Non-return check valve leaking past allowing hot water to flow to pump

Screen Display Codes:

Screen cycles codes continuously on startup

Bad transformer in group box, replace box

SteamAir control box, LED flashes red all the time

Temp probe disconnected

T = Coffee Extraction Timeout



More than 105 seconds to dose water

Flowmeter is working

Coffee ground too fine

Cleaning cup in place

Pump not working (Not enough pressure to push through grounds)

Clog or restriction in brewing water system

Corroded Impeller magnets

co = No Flowmeter Signal



Flowmeter unplugged or bad wiring
Flowmeter sending cap faulty

cc = Flowmeter power shorted to ground



Bad wiring
Corroded flowmeter cap

cd = Flowmeter signal inconsistent



Flowmeter sending signal but has 5 second gaps
Dose can be completed

Ct = Flowmeter time out



Flowmeter sending signal but has 5 second gaps
Unable to complete dose and times out

cd & ct troubleshooting:

Check water flow. Look at 20 second flow test

Less than 150ml? – Look for water flow problem

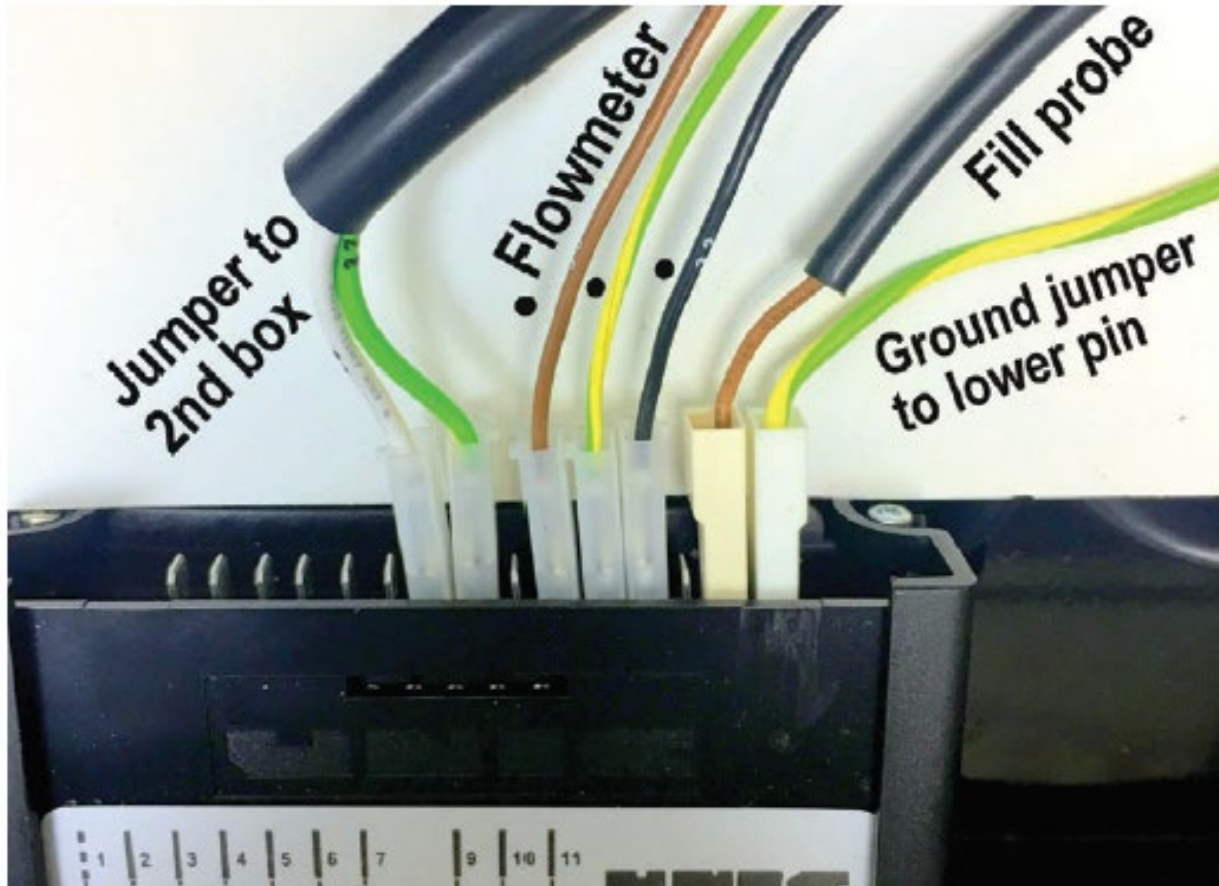
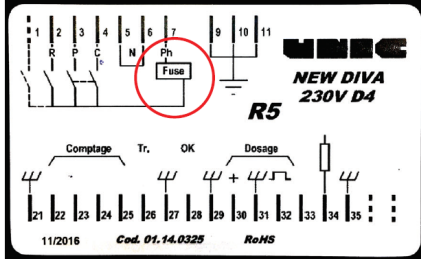
200ml OK? - Look for Flowmeter electric problem, loose wire, bad connection

Replace Flowmeter impeller

F = Control Box Fuse is blown



Open box to replace fuse, check brew valve coil & wiring for short



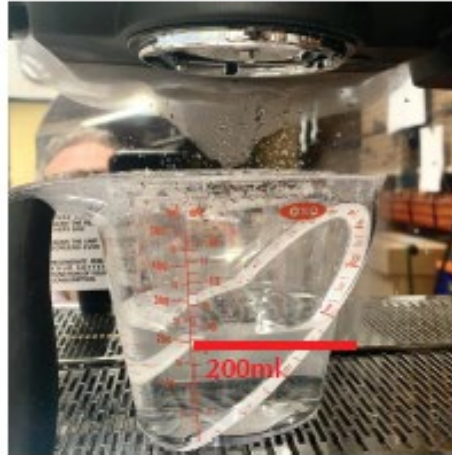
Low Volume/Slow water flow from group

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Normal flow is 10ml/second

1. 9 bar brew pressure
2. 0.7m metering jet
3. Brew valve

200ml in 20
seconds



Probable Causes:

1. Clogged brew Valve
Cleaning
2. Restricted 0.7m metering jet
Water Scale
3. Restricted Flowmeter
Water Scale

Low Volume/Slow water flow from group

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Brew Valve
Cleaning



0.7 mm Metering Jet
Scale



Flowmeter
Scale/Tape