

WATER SPECIFICATION GUIDELINES

Unic is committed to precise extraction of all coffees used with our line of equipment. Precision extractions start with precision water delivery.

For best results using your Unic equipment, and to maintain warranty status (if applicable), we recommend the water supply meet the following specifications:

Water Component	Minimum Value	Maximum Value	Measured Value (pre-filter)	Measured Value (post-filter)
TDS (Total Dissolved Solids)	50PPM	125PPM		
Total Hardness	3GPG	5GPG		
pH	6.5	7.5		
Total Alkalinity	40ppm	80ppm		
Chloride	0ppm	30ppm		
Free Chlorine	--	0.5PPM		
Total Chlorine	--	1PPM		
Flow Rate	1GAL/MIN	--		
Line Pressure	30PSI	100PSI		

Due to the erratic nature of local water utilities, water supplied to your Unic equipment should always pass through a treatment system, even if pre-treated water meets all listed specifications. Water treatment systems should be checked and tested for accuracy every three months, especially throughout the first year. This allows you to develop a custom system maintenance schedule and guarantees the best possible results with the least risk of damage to your Unic equipment. For simple testing, Unic recommends Hach product #2755250.

These testing strips are available from www.hach.com.

For further information on water quality, the Specialty Coffee Association's [Water Quality Handbook](#) is a great resource. For more accurate water analysis, Unic recommends the following products:

- HM Digital TDS-3 (Digital TDS Meter)
- HM Digital PH-80 (Digital PH Meter)
- Hach 145400 (Total Hardness Titration Kit)
- Hach 1454200 (Free & Total Chlorine Titration Kit)

When requesting warranty replacement components located within the water circuit of your Unic espresso machine, please complete the specification table (above) and be prepared to provide the information in the table below.

Machine (Model):		Serial Number:		Water Treatment System:	
Machine Location:		Service Company:			Date of Installation:
					Date of Last Service:
Contact Person:	Phone:	Technician:	Phone:	Technician Signature:	