

### Water Quality

The ES.1 requires filtered water to be used in the machine. The use of unfiltered water will limit the performance and longevity of the ES.1. Unfiltered water can result in minerals building up inside the ES.1, resulting in clogs, and will damage the machine. Using water that complies with the water quality standards listed below will help increase the longevity of your ES.1 as well as help ensure your coffee tastes great. Failure to adhere to the listed water quality standards will void the warranty of this machine.

See our water quality standards listed below. If you plan on plumbing your ES.1 we strongly recommend that you install a water filtration system and to not rely on tap water. If your water does not conform to our standards, you can do the following:

- Install a water filtration system
- Use bottled water
- Use distilled water with the addition of mineral packets made specifically for espresso machines

#### Water Standards:

Total Dissolved Solids (TDS)	30 - 200 ppm (parts per million)
Total Hardness - in ppm	50 - 85 ppm
Total Hardness - in grains	3 - 5 grains (divide ppm by 17.1 to get grains)
pH	6.5 pH - 8 pH
Chloride	5 - 15 ppm (any Chlorides can be corrosive and harmful)
Total Alkalinity	Less than 100 ppm
Chlorine	0 ppm
Iron	0 ppm

### Warranty Information:

Synesso and/or your distributor warrants to the original purchaser that Synesso espresso machines are free from defects in materials and workmanship under normal use and service for the period, commencing upon the date of shipping and continuing for 13 months from the original date of shipment. Synesso will make a good faith effort for prompt correction or other adjustments with respect to any non-wearing part that proves to be defective within the limited warranty period. The limited warranty is conditional upon the purchaser's proper use of the machine. The limited warranty does not cover defects or damage resulting from accidents, misuse, abuse, shipping damage, neglect, unusual physical, electrical, or electromechanical stress, unauthorized customer modifications, or improper water filtration, or gross negligence.

In order to get the performance and longevity out of your ES.1, we strongly recommend the following:

1. Have a qualified Synesso Technician complete annual Preventative Maintenance.
2. Water used in the ES.1 must meet our recommended water quality standards

### Additional Recommendations

**Please see ES.1 Owners Manual for full operational instructions, safety warnings, and specifications. User is responsible for meeting local plumbing and electrical requirements.**