

## Water Quality and Treatment Guidelines

1. Compare water quality at your location to the Convotherm Water Quality Requirements.
2. Contact your water company for information about the quality of your water, **OR**
3. Order a Convotherm water test kit **#FLT0001-COV**
4. \*Water that does not meet the following minimum standards will require proper treatment.

CONVOOTHERM SPRTIZER (BOILERLESS)			CONVOOTHERM BOILER (GENERATOR)		
Inlet Water Requirements		Water Treatment	Inlet Water Requirements		Water Treatment
<b>NH2Cl (monochloramine):</b>	max 0.2 ppm	Filtration	<b>NH2Cl (monochloramine):</b>	max 0.2 ppm	Filtration
<b>Cl2 (free chlorine):</b>	max 0.2 ppm	Filtration	<b>Cl2 (free chlorine):</b>	max 0.2 ppm	Filtration
<b>CL (Chloride):</b>	max 60 ppm	RO	<b>CL (Chloride):</b>	max 60 ppm	RO
<b>Hardness:</b>	70 - 125 ppm (4 - 7 gpg)	RO	<b>Hardness:</b>	70 - 360 ppm (4 - 21 gpg)	RO
<b>pH value:</b>	6.5 - 8.5	RO	<b>pH value:</b>	6.5 - 8.5	RO
<b>Total Alkalinity:</b>	50-100 ppm	RO	<b>Total Alkalinity:</b>	50-100 ppm	RO
<b>Fe (Iron):</b>	max 0.1 ppm	RO	<b>Fe (Iron):</b>	max 0.1 ppm	RO
<b>SiO2 (silica):</b>	max 13 ppm	RO	<b>SiO2 (silica):</b>	max 13 ppm	RO
<b>TDS:</b>	70 - 125 ppm	RO	<b>TDS:</b>	70-360 ppm	RO
<b>maxxpro / mini / mini pro</b>	<b>Water Filtration</b>	<b>Reverse Osmosis</b>	<b>maxxpro</b>	<b>Water Filtration</b>	<b>Reverse Osmosis</b>
6.10 (6.06, 6.10, 10.10)	FLT0039-COV	FLT0032-COV (5-gallon)	6.10	FLT0040-COV	FLT0030-COV (10-gallon)
6.20	FLT0039-COV	FLT0032-COV (5-gallon)	6.20	FLT0040-COV	FLT0030-COV (10-gallon)
10.10	FLT0039-COV	FLT0032-COV (5-gallon)	10.10	FLT0040-COV	FLT0030-COV (10-gallon)
10.20	FLT0039-COV	FLT0032-COV (5-gallon)	10.20	FLT0040-COV	FLT0031-COV (16-gallon)
20.10	FLT0039-COV	FLT0030-COV (10-gallon)	20.10	FLT0040-COV	FLT0031-COV (16-gallon)
20.20	FLT0039-COV	FLT0030-COV (10-gallon)	20.20	FLT0040-COV	FLT0031-COV (16-gallon)
<b>mini stacked ovens</b>	FLT0039-COV	FLT0024-COV (16-gallon)	<b>mini pro stacked ovens</b>	FLT0040-COV	FLT0031-COV (16-gallon)
<b>maxx pro stacked ovens</b>	FLT0039-COV	FLT0031-COV (16-gallon)	<b>Stacked Ovens</b>	FLT0040-COV	FLT0025-COV (50-gallon)

**FLT0039-COV:** Reduces chlorine/chloramines and takes out sediment down to ½ micron.

**FLT0040-COV:** Reduces chlorine/chloramines and takes out sediment down to ½ micro and includes IsoNet™ scale inhibitor.

**Reverse Osmosis (RO) systems** remove total dissolved solids (TDS), including chlorides and mineral hardness, and balances the minerals to provide water with a stable, non-aggressive nature that can reduce water-related equipment problems including corrosion and scale.

**FLT0024-COV & FLT0025-COV are atmospheric RO systems** ensuring water capacity for stacked ovens.

\*Water quality compliance is the responsibility of the owner/operator. Failure to comply may affect warranty coverage.

