

## 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.

| CONVOTHERM SPRTIZER (BOILERLESS)     |                          |                         | CONVOTHERM BOILER (GENERATOR)        |                           |                         |
|--------------------------------------|--------------------------|-------------------------|--------------------------------------|---------------------------|-------------------------|
| Inlet Water Requirements             |                          | Water Treatment         | Inlet Water Requirements             |                           | Water Treatment         |
| NH <sub>2</sub> Cl (monochloramine): | max 0.2 ppm              | Filtration              | NH <sub>2</sub> Cl (monochloramine): | max 0.2 ppm               | Filtration              |
| Cl <sub>2</sub> (free chlorine):     | max 0.2 ppm              | Filtration              | Cl <sub>2</sub> (free chlorine):     | max 0.2 ppm               | Filtration              |
| CL (Chloride):                       | max 60 ppm               | RO                      | CL (Chloride):                       | max 60 ppm                | RO                      |
| Hardness:                            | 70 - 125 ppm (4 - 7 gpg) | RO                      | Hardness:                            | 70 - 360 ppm (4 - 21 gpg) | RO                      |
| pH value:                            | 6.5 - 8.5                | RO                      | pH value:                            | 6.5 - 8.5                 | RO                      |
| Total Alkalinity:                    | 50-100 ppm               | RO                      | Total Alkalinity:                    | 50-100 ppm                | RO                      |
| Fe (Iron):                           | max 0.1 ppm              | RO                      | Fe (Iron):                           | max 0.1 ppm               | RO                      |
| SiO <sub>2</sub> (silica):           | max 13 ppm               | RO                      | SiO <sub>2</sub> (silica):           | max 13 ppm                | RO                      |
| TDS:                                 | 70 - 125 ppm             | RO                      | TDS:                                 | 70-360 ppm                | RO                      |
|                                      |                          |                         |                                      |                           |                         |
| maxxpro / mini                       | Water Filtration         | Reverse Osmosis         | maxxpro                              | Water Filtration          | Reverse Osmosis         |
| 6.10                                 | 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) |
| mini stacked ovens                   | FLT0039-COV              | FLT0024-COV (16-gallon) | Stacked Ovens                        | FLT0040-COV               | FLT0025-COV (50-gallon) |
| maxx pro stacked ovens               | FLT0039-COV              | FLT0031-COV (16-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.