

Whole house water quality problems.

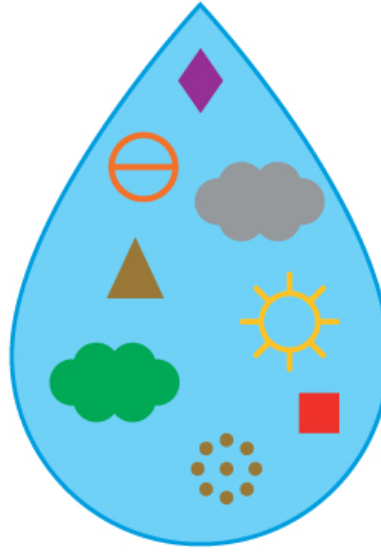
Hardness

Iron

Manganese

Arsenic

Tannin



Bad tastes

Foul odors

Chlorine and harmful chlorine by-products

Turbidity

Acidic water

The continuous water cycle . . .

Nature intended us to have high quality water. This is why we have the *continuous water cycle*, whereby water from our oceans, rivers, lakes and streams falls to the ground as rain or snow and becomes filtered as it seeps through the earth's surface. As the water works its way through the ground, however, it picks up minerals by dissolving limestone, causing water hardness. Water may also come into contact with iron, manganese, Arsenic and other contaminants, which cause additional water treatment problems.

The chart below lists typical whole house water quality problems and indicates which equipment effectively corrects any problems you may have in your home.

Water Quality Problems	Symptoms	Recommended Equipment
Hardness	Mineral deposits on dishes and glassware; stiff, dingy laundry; high soap usage and need for fabric softeners; dry, itchy skin and scalp; unmanageable hair; extra work to remove soap curd on bathtubs and shower stalls; high energy costs due to scale build-up in pipes and on appliances.	Water Softener.
Chlorine, foul odors and tastes	Chlorine taste; foul odors; damage to hair; itchy skin.	Backwashing filter using activated carbon.
Iron & Manganese	Unpleasant metallic tastes; rust particles; staining on plumbing fixtures; red water; odors.	Iron filter.
Turbidity	Cloudy water; sediment, sand, silt and rust particles.	Media filter.
Acidic water (low pH)	Green stains on bathroom sinks and other porcelain surfaces; blue green water. (Acidic water may cause corrosion of pipes & plumbing fixtures.)	Acid neutralizer using Calcite.
Tannin	Brownish, tea colored water; musty odors.	Tannin filter.
Arsenic	A naturally occurring element found in ground water, Arsenic is a carcinogen at high concentrations, and the EPA reports Arsenic may cause adverse health effects in low concentrations. Testing for Arsenic is highly recommended.	Arsenic Reduction System.



Watts® whole house filters for chlorine, taste, odor and sediment reduction

Watts activated carbon filters are highly popular because they correct a wide range of water quality problems, by removing chlorine, tastes, odors and sediment.

Benefits

- Great tasting water from every tap in your house!
- No bad tastes!
- No foul odors!
- Crystal clear water for drinking, bathing and cooking!
- User-friendly equipment.
- Low maintenance due to automatic operation.

Models

Part Number	Valve	Mineral Tank Size	Media Cubic Ft.	Gravel (Lbs)	Service Flow (GPM)	Drop (PSI)	Back Wash (GPM)	Floor Space LxWxH
NC09-W100F	Timeclock	9X48	1.0	10	4	< 15	4.2	16X10X55
NC10-W100F	Timeclock	10X54	1.5	10	6	< 15	5.3	16X11X62
NC12-W100F	Timeclock	12X52	2.0	20	8	< 15	7.5	17X13X60
NC14-W100F	Timeclock	14X65	3.0	40	11	< 15	10	18X15X74
NC16-W100F	Timeclock	16X65	4.0	50	14	< 15	11	20X17X74
NC21-W100F	Timeclock	21X62	5.0	100	20	< 15	25	22X23X70