



Home Maintenance Guide

Preserving Your Home Inside and Out



HOMEOWNER MAINTENANCE CHECKLIST

APPLIANCE/SYSTEM	MODEL	SERIAL NUMBER	LAST CHECKUP
Heating System			
Air Conditioning System			
Garage Door Opener			
Electrical System			
Plumbing System			
Water Heater			
Garbage Disposal			
Dishwasher			
Refrigerator			
Range / Oven			
Main Sewer Line			
Microwave			
Trash Compactor			
Washer			
Dryer			
Hot Tub			
Spa			
Pool			
Septic			
Well			

Avoid Those Nagging Problems!

As a valued client you may call us at any time, day or night, (800) 775-4736 if something goes wrong with any of your home's major systems or appliances that are eligible for coverage. After we receive your call a qualified contractor will contact you to schedule an appointment.

The following **Tips** may help you avoid any system or appliance "downtime" as a result of a common problem in your home, and may help you **SAVE** the cost of a potential Service Call!

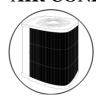
Heating System Air Conditioning System Electrical System Plumbing System Faucets Water Heater Garbage Disposal Dishwasher Refrigerator Oven/Range/Stovetop Microwave Oven Trash Compactor Washer/Dryer Pool and Spa Septic System Well

HEATING SYSTEM



- Check filters every month.
- Have your mechanical system annually serviced and your ductwork cleaned before each heating season.
- Blower units making excessive noise should be brought to the attention of a licensed technician.
- Clean and dust the radiators and heating vents and inspect the radiators for any signs of leakage.
- Bleed air from your radiators on an annual basis.
- Check the exhaust pipe on your gas furnace for any loose connections.
- Call the gas company immediately if you detect a gas smell.
- Check filters every month and replace as necessary.
- Keep your outdoor condensing unit clean and free of debris.
- Have your system annually serviced before each air conditioning season.

AIR CONDITIONING SYSTEM



- Check filters every month and replace as necessary.
- Keep your outdoor condensing unit clean and free of debris.
- Have your system annually serviced before each air conditioning season.

ELECTRICAL SYSTEM



To prevent loss of power, do not overload any one circuit in your home.

PLUMBING SYSTEM



- Do not flush any paper products down a toilet other than toilet paper.
- A simple plunger may solve many of your clogging problems.
- Check any of your exposed plumbing lines for corrosion or leaks.
- In the event you are experiencing extremely cold weather, allowing a faucet to drip slowly will help avoid a freezing water line.
- Check the water heater for signs of leaking or corrosion.
- Inspect the bottom of your water heater, drain pan or floor for signs of rust or water staining.
- Drain and flush your water heater every year by attaching a common garden hose to the drain valve at the bottom of the heater.
- Remove the heating elements from your electric water heater and soak in vinegar to remove any corrosion or sediment build up.

FAUCETS



- A dripping faucet may be repaired by simply replacing an o-ring or vinyl gasket.
- Clean and remove any hard water or mineral deposits with vinegar to avoid a slow water flow.

GARBAGE DISPOSAL



- Remember to always run the water while you are using the disposal.
- To avoid stoppages, continue to run the water for at least two minutes after you turn the disposal off.
- Using the disposal with a tray of ice cubes, pieces of lemon or lime, and baking soda will help keep your disposal clean and smelling fresh.
- If you drop a piece of silverware in your disposal, turn the power off immediately before you attempt to remove it.
- If the disposal should become jammed, use a disposal wrench which should attach at the bottom of the disposal. Turn the wrench counter clockwise until it turns easily. Press the red reset button on your disposal and the disposal should operate properly.

DISHWASHER



- Use vinegar to remove mineral deposits from the heating element.
- Keep the spray arm clean and free of any soap build up.
- When loading, be sure the dishes do not interfere with the movement of the spray arm.
- Periodically use a rinse agent to minimize soap film.
- Using a granular soap rather than a liquid soap will help reduce the suds in the dishwasher. Too many suds may cause water to drip from the door.
- Check for any signs of leaks or water stains on the floor.

REFRIGERATOR



- Use a vacuum cleaner to clean behind and underneath the refrigerator at least once a year.
- Clean and dust the sides and top of your refrigerator also.
- Check and clean the interior shelves, lining and door gasket every three months.
- Help keep the inside of the refrigerator smelling clean by keeping a cup of baking soda in the refrigerator at all times. A slice of lemon or lime will also work.

OVEN/RANGE/STOVETOP



- Avoid using heavy or extra-large cooking pots or pans.
- Keep the inside of your oven clean by **only** using the self-cleaning function if available.
- Use a vacuum cleaner to clean behind and underneath the stove at least once a year.
- Keep the stovetop clean and free of spilled food or grease build-up around the burners.

MICROWAVE OVEN



- Do not use any container or dishes that are metal or have any kind of metal trim or edging.
- Clean the interior with a diluted soap solution or baking soda. An abrasive cleaner may damage the lining and expose metal causing the unit to fail.

TRASH COMPACTOR



- Help prevent odors by replacing the deodorant supply regularly based on the amount of usage.
- Before running, make sure the bag is properly positioned and secured.

WASHER/DRYER



- Assure that the washing machine "legs" are adjusted for a level installation by turning the "legs" counterclockwise to raise and clockwise to lower.
- Make sure the water level of each wash load is appropriate for the volume of clothes. Do not overload the machine.
- Remove and clean the lint screen after each drying cycle has been completed.
- Use a vacuum cleaner to clean behind and underneath both the washer and dryer at least once every three months.

POOL AND SPA



- Maintain a proper water level as recommended by the manufacturer.
- Keep the water chemically balanced by regular testing throughout the season.
- Have your pool and spa regularly maintained and serviced by a local pool and spa company.

SEPTIC SYSTEM



- Inspect and pump the septic tank every three to five years to help prevent costly repairs to the leach field.
- Do not dispose of non-decomposable materials through your home's sewer system. Examples of items that should not be put down the drain are: cooking fats and oils, disposable diapers, facial tissue, coffee grounds or cigarette butts.
- Make sure you do not overload your washing machine with detergent. Too many soap suds may cause problems with your septic system by killing the valuable bacterial essential for a properly functioning system.

WELL



- Determine the age of the well and what state agency is responsible for issuing well permits. If a permit was issued when your well was originally drilled you will be able to verify any restrictions that may exist for use of your well. Some wells are only approved for water use inside the home, others allow for outdoor watering of gardens or for supplying water to livestock.
- Determine the flow rate of the well, that is, how many gallons per minute will the well produce and for how long will the well produce this amount of water. A residential well should produce at least seven gallons of water per minute for more than one hour. A licensed well pump installer can provide you with this information if necessary. If the well does not produce enough water, a holding tank must be used to compensate for the low flow rate of the well.
- What is the water quality from the well? Check with your state or county health department to determine where a water sample can be tested for quality.
- Ask neighboring property owners if they've had any well problems and find out how
 deep the neighbor's wells are drilled compared to the depth of the well on the property
 you are considering purchasing.

Troubleshooting Guide

HEATING SYSTEM

The Problem	Possible Cause	Possible Solution
No heat.	No power to the heater.	Check and reset breaker.
	The blower belt is broken.	Replace the belt.
Not enough heat to the rooms.	The filter is dirty.	Replace the filter.
	The registers are dirty.	Clean the registers.
	A register is closed.	Check and open all registers.
	Blocked ductwork.	Check and clear ductwork.
	Separated ductwork.	Repair with duct tape.
	Duct damper position problem.	Adjust room dampers.
	Blower belt is loose.	Tighten blower belt.
Soot in the house.	The filter is dirty.	Replace the filter.
	The ducts are dirty.	Have the ducts professionally cleaned.
	Heat exchanger may be cracked	Call a qualified contractor.
	or damaged.	
Heating unit is making an	A pulley may be loose.	Check and tighten all pulley screws.
unusual noise.	Blower motor belt may be	Replace the belt and adjust the
	worn out.	belt tension.
	Blower motor bearings are dry.	Oil the bearings.

AIR CONDITIONING SYSTEM

The Problem	Possible Cause	Possible Solution
The unit has stopped operating.	There is no power to the unit.	Check and reset breaker.
The air doesn't get cool enough.	The condenser coil is dirty.	Clean the condenser unit so air can
		freely circulate around the coil fins.
	The insulation has fallen off the	Replace the insulation.
	feed lines.	
	There is direct sun on the	Create shade for the unit.
	evaporator unit.	
The unit cycles on and off.	The filter is clogged or dirty.	Clean or replace the filter.
Water is leaking into the walls	The drain hose from the condenser pan	Clear the hose so the water is able to
or ceiling.	is clogged.	flow freely.

ELECTRICAL SYSTEM

The Problem	Possible Cause	Possible Solution
The lights do not work properly.	There is no power to the lights.	Check the circuit breakers to be sure
		they are set properly.
The outlets do not work properly.	There is no power to the outlets.	Check the circuit breakers to be sure
		they are set properly. Reset the GFI
		outlet if applicable.
	Too many appliances are plugged in	Unplug all appliances and reset
	and using electricity at the same time.	the breaker.

PLUMBING PIPES, FAUCETS and FIXTURES

The Problem	Possible Cause	Possible Solution
A faucet outlet has a deteriorated	Chemical or mineral deposits have	Remove and replace the
finish or is broken.	caused damage.	outlet aerator.
The sink drains slowly.	A blockage of hair, soap scum or	Use a drain maintenance product
	grease exists.	available at your hardware or larger
		grocery store.
Water does not run freely from a	Chemical or mineral deposits have	Clean the showerhead or faucet
showerhead or faucet.	caused a restriction.	with vinegar.

WATER HEATER (ELECTRIC)

The Problem	Possible Cause	Possible Solution
There is no hot water.	No power to the heater.	Be sure the unit is plugged in and then
		check and reset the circuit breaker.
	Defective or failed thermostats.	Test and replace thermostats.
	Defective or failed heating elements.	Test and replace heating elements.
	Sediment build up in the tank.	Drain and flush the tank.
There is not enough hot water.	The tank is too small.	Install a larger capacity tank.
	Defective heating element.	Test and replace heating element.
	Thermostats are defective or require	Test and replace or
	adjustment.	adjust thermostats.
	Insufficient insulation	Pack insulation
	around thermostats.	around thermostats.
	Hot water faucets are leaking.	Repair leaking faucets.
The water is too hot.	The thermostat is set too high.	Turn down the thermostat.
	The heating elements are defective.	Test and replace heating elements.
	Thermostats are defective.	Test and replace the thermostats.
The water heater is leaking.	The seal on the heating element	Check and replace the seal.
	is defective.	
	The safety valve is defective.	Check and replace the safety valve.
	The tank has a cracked liner or has	Replace the water heater.
	rusted through.	
	A plumbing line or connection	Call a qualified plumber.
	has failed.	
The heater is noisy.	Rust, scale or sediment have	Drain and flush the tank to remove the
	developed in the tank or	sediment. Remove and clean the
	heating elements.	heating elements with vinegar.

WATER HEATER (GAS)

The Problem	Possible Cause	Possible Solution
There is no hot water.	The pilot light is out.	Follow instructions to relight the
		pilot light.
	The pilot light will not stay on.	Make sure the gas valves are on and
		the thermocouple is near the pilot
		flame and connected to the gas control
	The burner assembly is clogged.	Call a qualified contractor.
	Defective thermocouple.	Replace the thermocouple.
	No gas is reaching the burner.	Call a qualified contractor.
There is not enough hot water.	Thermostats are defective or	Test and replace or adjust thermostats.
	require adjustment.	
	The tank is too small.	Install a larger capacity tank.
	The burner is clogged.	Call a qualified contractor.
	Hot water faucets are leaking.	Repair leaking faucets.
	Un-insulated hot water lines.	Insulate the hot water pipes.
The water is too hot.	The thermostat is set too high.	Turn down the thermostat.
	Thermostats are defective.	Test and replace the thermostats.
	The exhaust may be blocked.	Check the exhaust vent and clear it of
		any obstruction.

GARBAGE DISPOSAL

The Problem	Possible Cause	Possible Solution
The motor will not turn on.	No power to unit.	Make sure the unit is plugged in.
		Check and reset the circuit breaker.
	Defective on/off switch.	Check the wall switch, repair
		or replace.
	The overload switch has tripped.	Make sure the unit is not jammed and
		then push the red reset button.
The motor hums but does	The blades are jammed.	Turn off the power and clear any items
not grind.		that are jamming the blades. Turn the
		blades manually to be sure they are no
		longer jammed. Push the reset button.
The disposal is not grinding properly.	There is not enough water.	Run the cold water when using
		the disposal.
	Improper waste in the disposal.	Consult the disposal manual for a list
		of improper waste material.
The disposal leaks.	The sink or drain connection is loose.	Tighten the flanges or replace
		the gaskets.
The disposal trips a circuit breaker.	Too many appliances are on the	The disposal should be on it's own
	same circuit.	15amp circuit.
The disposal is making more noise	A hard object is in the unit.	Inspect and remove any hard objects
than it should.		with pliers or tongs.
	Disposal mounting screws have	Tighten the mounting screws where it
	become loose.	attaches to the bottom of the
		sink flange.

DISHWASHER

The Problem	Possible Cause	Possible Solution
The dishwasher will not turn on.	The door is not closed properly.	Be sure the door is properly closed
		and latched.
	The unit is not receiving power.	Be sure the unit is plugged in properly
		and reset the breaker.
	The door latch is defective.	Inspect the door latch, repair or replace
		as necessary.
	The control selector is in the	Adjust the control to the correct
	wrong position.	"start" positions.
The dishwasher will not fill with water.	The water filter is clogged.	If equipped, clean the intake
		water filter.
	The overflow switch is defective.	If the switch sticks in the "fill"
		position the unit will not fill with
		water. Replace the switch.
	The water valve is not on.	Make sure the valve in the feed line is
		on. Track the feed line until you find
		the valve.
	The timer has failed.	Replace the timer.
The dishwasher makes a funny noise.	The spray arm is hitting the dishes.	Make sure the dishes do not obstruct
		the dishes.
	A knocking sound occurs from a	Replace the water intake valve.
	defective water intake valve.	
The soap dispenser does not open.	Soap build up is interfering with	Remove soap build up and clean
	proper operation.	with vinegar.
	The lid may be blocked.	Make sure the lid is not obstructed.
The dishes are wet.	There may be a problem with the	Make sure all the electrical
	heating element.	connections around the element are
		secure and clean the element
		with vinegar.
	The timer is defective.	Replace the timer.
The dishwasher is leaking.	The door seal has failed.	Make sure the seal is clean and free of
		any soap build up or waste. Clean or
		replace as necessary.
	The hose clamps are loose.	Check and tighten clamps.
	The door hinges have failed.	Replace the door hinges to regain a
		tight fit of the door.
	Liquid soap.	Switch to a powder soap.
The dishes are still dirty.	The water is not hot enough.	Run hot water from the faucet and then
		turn the dishwasher on. If the problem
		remains, call a qualified contractor.
	The dishes are not loaded properly.	Redistribute the dishes so they face the
		water spray and not too close together.
	The soap is not effective.	Replace with new powder soap.
	Too much food was on the dishes prior	Rinse the dishes before loading.
	to loading.	
If the water continually runs.	The timer may be defective, the water	Call a qualified contractor.
	intake valve has failed or the overflow	
	switch is not functioning properly.	

DISHWASHER (Cont'd)

The Problem	Possible Cause	Possible Solution
When the dishwashing cycles are	(One or two cups of water is normal)	Clear the drain hose and make sure it
complete there is standing water in	The drain hose may be kinked	is not kinked.
the tub.	or obstructed.	
	The pump is blocked or has failed.	Make sure the pump drain are is not
		blocked. Call a qualified contractor
		as necessary.
	The kitchen sink drain may	Both the dishwasher and garbage
	be clogged.	disposal may use common drain lines
		with the kitchen sink. Run the cold
		water and disposal to clear any drain
		line blockage.

REFRIGERATOR

The Problem	Possible Cause	Possible Solution
No power to the unit.	The unit is not plugged in or the	Make sure the unit is plugged in, use a
	breaker has tripped.	portable appliance to verify the outlet
		is working properly. Check and reset
		the breaker.
The unit has power but it is not	The condenser coils are dirty.	Clean the coils with a vacuum.
cooling properly.	The condenser fan is malfunctioning.	Check the fan and repair or replace
		as necessary.
	The thermostat is not set properly.	Adjust the thermostat as necessary.
	The door gasket is defective.	Replace the door gasket to eliminate
		cold air from escaping.
	The room temperature is very hot.	The unit may be operating properly,
		try to cool the room.
	Heavy frost accumulation.	Defrost the unit more frequently.
The unit makes funny noises.	The unit may not be level.	Level the unit.
	The drain pan is rattling.	Make sure the pan is not touching the
		sides or the compressor.
	The fan blades are hitting something.	Make sure the fan blades are not bent
		or obstructed.
The unit ices up and will	The drains are clogged.	Clear the drains.
not defrost.	Food is uncovered.	Cover and seal food in a container.
	The door gasket leaks or is damaged.	Replace the door gasket.
	The drain hose is damaged or cracked.	Replace the drain hose.
The refrigerator leaks water.	The drain line is clogged or the drain	Clear the drain line and empty the
	pan is full.	drain pan.
The refrigerator has a bad odor.	The drain pan is dirty.	Clean and sanitize the drain pan.
	There is spoiled food in the unit.	Remove any spoiled food, keep an
		open container of baking soda in the
		unit until the odor is gone.

OVEN/RANGE/COOKTOP (ELECTRIC)

The Problem **Possible Cause Possible Solution** The range will not turn on. Make sure the unit is plugged in, The unit has no power. check and reset the breaker. One of the burners does not The element is not properly Remove the burner and replace to a turn on. "plugged in". fully secured position, ensuring it is properly "plugged in". The burner is defective. Remove the burner and plug it in to another burner position. If it still does not work replace the burner. The burner wiring, terminal block or Test each part and replace switch is defective. as necessary. Replace the fuse. The oven timer is not The timer fuse is blown. working properly. There is a loose connection. Turn off the power and tighten all connections. The timer is bad. Replace the timer. The oven overheats. Clear the clog and replace the filter An oven vent is clogged. as necessary. The oven does not maintain the The door gasket is damaged and leaks. Replace the door gasket. The calibration of the thermostat is Contact the manufacturer for set temperature. not correct. re-calibration instructions. The bulb is burnt out. The oven light does not work. Replace the bulb. The light switch or socket wiring Test the switch and wiring and replace are defective. as necessary. A fuse has blown. A feature on the control panel does Check accessory circuit fuse. not work. The self-cleaning function of the oven The oven door is not locked. Shut and lock the oven door and is not working. re-start the self-clean cycle.

OVEN/RANGE/COOKTOP (GAS)

The Problem	Possible Cause	Possible Solution
No ignition to the oven or burners.	The pilot light is out.	Relight the pilot.
	Gas is not turned on.	Make sure the gas valve is turned on,
		consult the gas company if necessary.
	The burner cap may not be	Make sure the cap matches the burner
	set properly.	size and is seated properly.
The burner will not stay on.	The pilot port is clogged.	Turn off the gas and clear the port.
	The pilot is getting blown out.	Avoid drafts near the range.
The burner flame is not steady.	The burner may be clogged.	Clean the burner surface and port.
	The gas mixture is incorrect.	Call the local gas company.
The oven does not bake evenly.	Circulation in the oven is not proper.	If you cover a shelf with aluminum foil
		make sure you have at least 2 inches of
		clearance on the sides and back.
	The exhaust vent may be clogged.	Clear the vent and replace the filter
		as necessary.
	The oven was not pre-heated.	Pre-heat the oven before baking.
	The door seal leaks.	Replace the door seal.
There is a gas odor coming from	The pilot light has gone out.	Open any windows and doors to create
the unit.		good ventilation and relight the pilot.
	The gas line is leaking.	Call the gas company immediately.

MICROWAVE OVEN

The Problem	Possible Cause	Possible Solution
The unit will not turn on.	No power to the unit.	Make sure the unit is plugged in,
		check and reset the breaker.
The touch pad is not working.	The clock is not set.	Reset the clock.
	A programming sequence was	Press "Clear" on the touchpad
	entered improperly.	and re- program.
There is a popping noise coming from	There is metal or metallic trim on an	Remove metal or metal trimmed items
inside the unit.	item in the unit.	from inside the unit.
	The unit was turned on with nothing in	Make sure you always have an item in
	the unit.	the unit when you turn it on.

TRASH COMPACTOR

The Problem	Possible Cause	Possible Solution
The unit will not turn on.	No power to the unit.	Make sure the unit is plugged in,
		check and reset the breaker.
	The safety lock is not on.	Turn on the safety lock.
	The drawer is open.	Make sure the drawer is securely shut.
The trash is not fully compacted.	The pulley or gears or chain drive are	Check and tighten or replace
	loose or broken.	as necessary.
	The ram has jammed.	Oil the ram and replace the screws if
		stripped out.
A breaker trips during the	There are too many appliances on	Unplug other appliances, check and
compactor's cycle.	one circuit.	reset the breaker. The unit may need
		its own circuit.
	There may be a short in the	Make sure the cord, plug and switch
	power cord.	are operating properly.
The unit makes loud noises.	The unit needs to be lubricated.	Oil the unit.
	Some parts may have come loose.	Check and tighten all screws and bolts
	The drive chain is loose.	Tighten the drive chain.
The unit has a bad odor.	The deodorant is empty.	Replace deodorant.
	The deodorant dispenser is clogged.	Clear the nozzle with a thin piece of
		wire or remove and run the nozzle
		under warm water.

CLOTHES WASHER

The Problem	Possible Cause	Possible Solution
The unit will not turn on.	The unit is not getting power.	Make sure the unit is plugged in,
		check and reset the breaker.
	Water may not be available to the unit.	Make sure the hot and cold water
		valves are open.
The unit will not fill with water.	The water valves are turned off.	Make sure the water valves are
		turned on.
	Water line filters are clogged.	Make sure the hose filters are clear.
		Check and straighten both
	There is a kink in a water hose.	water hoses.
		Push the button to make sure it is
	The button to control water is not	activated properly.
	activated properly.	
The unit fill's with water but it will	The tub may be filled with too	Remove some laundry and
not run.	much laundry.	re-distribute the remaining laundry in
		the tub. Wait 15 minutes to allow the
		machine to reset.
	The timer is defective.	Replace the timer.
	The lid is not closed properly.	Make sure the lid is closed and the
		safety switch is working.
	The drive belt may be loose or broken.	Tighten or replace the drive belt
		as necessary.
The unit is leaking water.	The hose connections are loose.	Check and tighten the
		hose connections.
	Possible failed parts: gasket, mixing	Check and replace the defective parts
	valve, hoses, overflow switch	as necessary.
	or sensor.	
The unit vibrates more than	The laundry load is unbalanced.	Distribute the clothes evenly.
it should.	The machine may not be level.	Level the machine by adjusting
		the legs.
The unit will not drain.	The lid is not closed properly.	Close the lid because the unit spins
		and drains at the same time.
	The drain hose may be kinked.	Check and straighten the
		drain hose.
	The position of the drain hose may be	If the drain hose is more than 4 feet
	too high.	above floor level and it cannot be
		lowered easily, call a
		qualified contractor.

CLOTHES DRYER

The Problem	Possible Cause	Possible Solution
The unit will not turn on.	The unit is not getting power.	Make sure the unit is plugged in,
		check and reset the breaker.
	The door is open.	Close the door.
	There is a bad switch or timer.	Check and replace as necessary.
The motor runs but the drum does	The belt drive is loose or broken.	Tighten or replace the belt.
not turn.	The drum is stuck.	Check the drum and remove
		any obstructions.
	The drum support mechanism	Check and replace as necessary.
	is broken.	
The clothes don't dry.	The lint trap or exhaust vent	Clear the trap or vent.
	is clogged.	
	There are too many clothes in	Remove some clothes.
	the dryer.	
	The door gasket leaks.	Check and replace the door gasket.
	The heating element may not be	Check the heating element, thermostat
	operating properly.	and timer and replace as necessary.
The unit will not shut off.	The unit has a bad timer.	Check and replace the timer.

POOL AND SPA

The Problem	Possible Cause	Possible Solution
The circulating pump will not turn on	There is no power to the	Check and reset the circuit breaker to
or is not operating properly.	circulating pump.	be sure the pump is receiving power.
	The water level in the pool or spa may	Raise the water level in the pool or spa
	be too low and the pump has lost	and prime the pump by adding a few
	a prime.	gallons of water to the pump basket
		and following instructions in your
		pump manual.
The heater is not working.	The unit is not receiving gas	Be sure the gas valve is in the correct
	or power.	position, check and reset the
		circuit breaker.
	The filter is dirty.	Clean the filter with a backwash
		process or remove and clean the
		filter cartridge.
The filter is not operating properly.	The filter is dirty.	Like the heater, the filter will not clean
		the water properly if it is dirty. A dirty
		filter causes an increase in pressure
		and a reduction in the efficiency of the
		filtration system. Keep the filter clean!

SEPTIC SYSTEM

The Problem	Possible Cause	Possible Solution
The waste lines in the home are	The septic tank is full.	Inspect the septic tank to confirm the
draining slowly or are backing up.		tank is full and there are no other
		blockages in the waste lines. Have the
		tank pumped. To reduce the number of
		times the tank will require pumping,
		maintain the system properly to insure
		the natural bacterial breakdown of the
		tank contents. Be aware that most of
		today's soaps and bleaches will
		adversely affect the healthy growth of
		bacteria in the tank.

WATER WELL SYSTEM

The Problem	Possible Cause	Possible Solution
The well is not producing	There has been a reduction in the	Reduce water use or drill another well
enough water.	aquifer. Compare the current static water level with the static water level records at the time the well was drilled. A lower level will confirm a depletion in the aquifer.	that taps into a different aquifer.
	Neighboring well interference.	Identify neighboring wells located in the same aquifer. Reduce pumping rates as required.
An unnatural buildup of residue or mineral scale on household plumbing fixtures.	There is a biofilm or mineral buildup in the well casing, well screen or pump intake.	Shock chlorinate the well and water system for the biofilm buildup, usually once or twice a year. Have a drilling contractor clean, scour, and acid treat the well in order to remove the mineral buildup.
Sediment in the water.	Sediment is getting through the perforated casing or screen.	Contact a qualified drilling contractor.