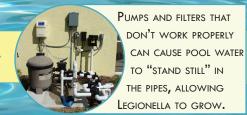
## HOW TO PREVENT LEGIONNAIRES' DISEASE WATER FEATURE

LEGIONNAIRES' DISEASE, A TYPE OF SEVERE PNEUMONIA, IS CAUSED BY
BREATHING IN SMALL DROPLETS OF WATER THAT CONTAIN LEGIONELLA BACTERIA





POOLS WITHOUT THE
PROPER AMOUNT OF
CHLORINE OR ACIDITY
RANGE (PH) MAY
ALLOW LEGIONELLA TO
GROW AND THRIVE.







## PREVENT THE PROBLEM IN THE FIRST PLACE

- Maintain the free chlorine to be at least  $2.0 \; \text{ppm}$  ( $3.0 \; \text{ppm}$  for spas) at all times
- Ensure your pumps are working effectively
- BACKWASH YOUR FILTERS ON A REGULAR BASIS
- BE ON THE LOOK OUT FOR SLIME! CHECK THE POOL SHELL, PIPES (WHERE YOU CAN), AND AROUND TILES AT THE WATER LINE, STEPS, ETC.

## WHAT TO DO IF THERE IS A PROBLEM

- VIGOROUSLY SCRUB ALL POOL/SPA SHELL SURFACES, INCLUDING TILES, TILE GROUT, ETC. USING WATER WITH FREE CHLORINE AT LEAST 5.0 PPM
- Replace filters and/or filter media
- MAKE ANY NEEDED REPAIRS (VALVES, SENSORS, TUBING, FEEDERS, ETC.)
- HYPERCHLORINATE THE WATER TO 20 PPM AND CIRCULATE IT THROUGHOUT THE SYSTEM FOR 1 HOUR (LEAVE JETS OFF IN A SPA)
- Continue circulating the hyperchlorinated water for 9 hours, but with the jets turned on
- Maintain the Chlorination at 20 ppm for the entire 10 hours

## OTHER AREAS TO MAINTAIN

- MAINTAIN THE POOL SHOWER HEADS FREE OF CALCIUM BUILDUP
- Run the showers on a regular basis to prevent stagnant water
- FOLLOW A WATER MAINTENANCE PLAN FOR MISTERS, DECORATIVE FOUNTAINS, AND DRINKING FOUNTAINS, ESPECIALLY IN HOTTER CLIMATES WHERE STAGNANT WATER WILL HEAT UP IN THE PIPES

CHEST PAINS

COUGH
HEADACHE
CHILLS
DIFFICULTY BREATHING

LEGIONNAIRES'
DISEASE IS FATAL
IN 10% OF THOSE
WHO CONTRACT IT



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