




## Rain Bird® Algae Control System™ (ACS)


### Monthly Maintenance - Cleaning the Transducer Head


It is important to keep the transducer head clean and free of algae or other scum buildup. We recommend that at least every 30 days you unplug your ACS device from the power source, take it out of the water, wipe the face of the transducer off, put it back into the water and plug it back in. In most applications, once a month cleanings are sufficient, however, in a new installation you should check your unit(s) after initial two weeks to see if more frequent cleanings are necessary. Failure to keep the face clean will interfere with the ultrasonic waves and result in reduced effectiveness of the device.

Please follow these directions:


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1 Unplug the ACS power supply\* from the Class A GFCI electrical outlet.

**\* It is EXTREMELY IMPORTANT you do not remove the ACS transducer from the water before you unplug it from the electric outlet, as this can result in damage to the transducer head and will void your warranty.**
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2 Unplug the power supply and retrieve the unit from water.
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3 Wipe transducer head with a soft sponge or cloth, removing dirt and build-up. With tough organic material or calcium deposits, it may be necessary to use vinegar to clean the head. Do not use abrasive cleaners that scour the head.

Dirty Head Dirty Head Clean Head
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4 Place unit back in the water facing the correct direction. Make sure flat end of the transducer head (not the side with the cord) faces out.
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5 Once the unit is placed back in the water you may plug the ACS power supply back into the GFCI outlet.

See next page for Periodic Maintenance - Transducer Head Polishing Instructions.  
Please read and follow all of the directions in the Owner's Manual.

**NOTICE:** The procedures on this page are for use only in non NSF (potable water) applications. For NSF Std. 61 applications, no additives, or chemical treatments may be used to clean the device.

## Periodic Maintenance - Transducer Head Polishing Instructions

### TOOLS YOU WILL NEED FOR POLISHING:



- "Wet" Sandpaper in three different grits: 800, 1000 and 1500
- Car Polish Compound (Example: Meguiar's Ultimate Compound)
- Buffing rags (Supplies available at most auto parts stores)

After winter storage and on a periodic basis during use it is recommended that you polish the front of the transducer head on the ACS Algae Control Device.

Check the front of the transducer head for any deep scratches or abrasions and then follow these instructions to polish and buff the front and sides of the transducer. The polishing will remove any scratches and prevent the buildup of calcium crystals that can form in the scratches on the transducer face and that will diminish the ultrasound signal coming from the unit.

The polishing process, along with the monthly cleaning of the face of the transducer head will help to maintain the optimal performance of your ACS Algae Control device.

If you have any questions, please call your local Rain Bird representative.

### STEP-BY-STEP INSTRUCTIONS

1



Use a soft cloth to clean the face and approximately one inch of the leading edge of your transducer.

2



Start with a clean and dry transducer, use a dampened 800 grit wet sandpaper to buff the transducer face and first inch of the side of the face to remove deep scratches. Next, repeat the polishing procedure with the dampened 1000 grit wet sandpaper. Finally, repeat the procedure again with the dampened 1500 grit wet sandpaper. The transducer head should be completely smooth when completed.



3



The final step is to buff and wax to a shine. To do so, use a few drops of a car polish compound to buff out any remaining fine scratches left by the 1500 wet grit sandpaper.



**Please read and follow all of the directions in the Owner's Manual.**

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