
Wireless Remote Control System for Air Balancing Damper Adjustments

The RCM Battery Pack Details

The batteries used in the RCM are a high power density Lithium-Ion type and have a long shelf life. Unlike Alkaline batteries which lose their power gradually, lithium batteries tend to remain near full capacity and then drop off quickly near the end of their life. These batteries are NOT rechargeable. When the RCM is operating, the red power LED will begin blinking when the battery is near the end of its life. To conserve battery power, the software will shut the RCM down completely if no command activity is sensed for a period of 40 minutes. Pressing the PWR button will restart the RCM.

The battery pack will operate the RCM for 4 to 5 continuous hours. Allowing an **actual** runtime per balancing procedure of five minutes, each pack will provide a minimum of 50 operations before needing replacement.

Battery Pack Replacement – Step 1

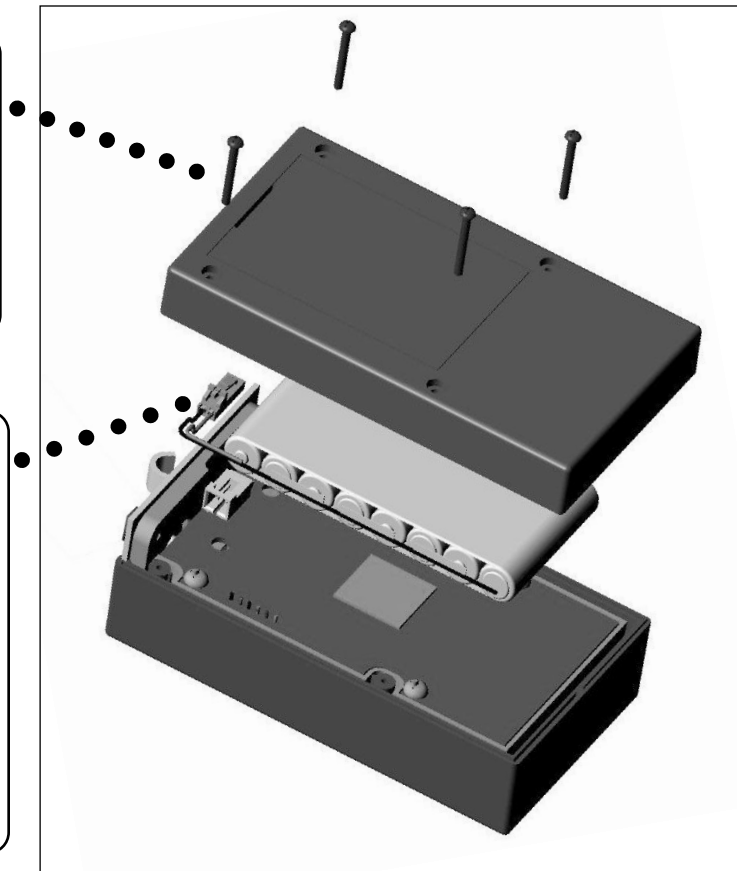
Battery packs for the RCM can be ordered from your rep or on the Zipset.net website. To replace the battery pack, first remove the protective rubber boot by peeling it off over the top of the RCM enclosure with your fingers. Turn the case over and remove the four screws with a small #1 phillips screw driver.

Battery Pack Replacement – Step 2

The battery pack has a connector that slides into the mating connector on the printed circuit board. By pushing down on the small hump with a paper clip or nail or similar, while simultaneously sliding it to the LEFT, the battery part of the clip will slide out, freeing the battery pack.

Installing a new pack is just a matter of reversing these steps.

Take care to dispose of the spent batteries in a responsible manner..



Even a well-designed HVAC system may perform poorly and waste energy if not properly balanced. The Zipset System's unique approach to the balancing task offers a quick, precise, and economical solution.

The Zipset System is a product of The Zip Group, LLC

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