



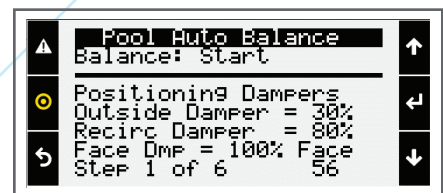
ENHANCED CONTROLS

POOL AUTO BALANCE CONTROL

Innovent is known for innovative pool ventilation strategies using high amounts of outdoor air to dehumidify pool spaces. However, when a unit is not properly balanced, it may not deliver the expected results. Innovent’s sophisticated controls now offer an “easy button” to balance your pool unit.

EASY BUTTON FOR AIR BALANCING

Innovent has developed a control sequence to help make the air balancing process quick and easy. With the press of a button, the system will balance itself — saving time and money. Innovent P-Series units now standardly provide airflow monitoring devices at the supply fan, exhaust fan, and outside air damper. With all three points monitored, simply balance the unit at start-up, or whenever necessary, by selecting the Auto-Balance sequence in the controller.



Balance the system with the touch of a button at start-up or as needed

WHY PROPERLY BALANCED SYSTEMS MATTER

A properly balanced air handling unit will deliver the designed airflow. It seems like a simple concept, but improperly balanced systems are common and result in a variety of potential issues for the pool space. To properly balance the Innovent unit, the amount of air moving through the unit must be monitored and adjusted if needed.

- **SUPPLY AIR.** Not delivering enough supply air can result in air distribution problems which could result in condensate forming on windows. Too much supply air can result in excessive noise, uncomfortable areas in the pool space, and excessive energy costs.



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- **OUTDOOR AIR.** Not delivering enough outdoor air can result in not enough natural dehumidification capacity and the unnecessary engagement of mechanical dehumidification. Too much outdoor air can cause over-drying, excessive evaporation, and increased operating costs to heat pool water.
- **EXHAUST AIR.** Too much exhaust air can result in an overly pressurized (negative) space, while too little exhaust air can result in air migrating to adjacent spaces.

SYMPTOMS OF AIR BALANCING ISSUES

If the pool space is out of balance, operators and occupants may notice some undesirable impacts.

- Most notably, a **prominent smell of chlorine in the adjacent spaces** is a key indicator that something is off.
- If airflows are out of balance, **the space may feel too humid.**
- During the winter, **an unbalanced system could bring in too much outdoor air, resulting in lower efficiency of your system** as it works to heat the cold incoming air.
- Doors on the space being difficult to open is a sign of **pressurization issues**, which a properly balanced system should not have.

BENEFITS OF AUTO-BALANCING

- **Easy installation.** Quickly and easily balance the airflow of Innovent P-Series units.
- **No more guessing.** Know for certain that the system is delivering the designed airflow.
- **Better control.** Auto-balancing provides the ability to control the airflow ranges more tightly.
- **Occupant comfort.** A balanced system will deliver the designed airflow, resulting in a more comfortable temperature and clean, fresh smell in your pool.
- **Re-balance as needed.** The “easy button” can be used at any time to recalibrate the system.

LEARN MORE

- Contact your [Innovent Representative](#).
- Visit the [Innovent website](#) for more information about Innovent controls and applications expertise.



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