



# UltimateAir®

## RecoupAerator® Model 200DX LEED Contributions

### LEED® for HOMES™ 2009 Edition

#### Energy & Atmosphere (EA)

<b>Credit EA 1.2</b>	<b>34 Pts</b> Based on HERS Rating	Optimize Energy Performance with RecoupAerator® as part of HVAC system to exceed EPA ENERGY STAR for Homes
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<b>Credit EA 6.3</b>	<b>4 Pts</b>	ERV Recommended as part of Very High-Efficiency Space Heating and Cooling System
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#### Indoor Environmental Quality (EQ) min. 6 points required

<b>Credit EQ 1</b> Pathway EQ1 only	<b>13 Pts</b>	Whole House Ventilation Required as part of EPA Indoor airPLUS
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<b>Credit EQ 4.2</b> Pathway EQ1 or EQ2	<b>3 Pts</b>	Install RecoupAerator® for Enhanced Outdoor Air Ventilation
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<b>Credit EQ 7.2</b> Pathway EQ1 or EQ2	<b>1 Pt</b>	Air Filtering provided by RecoupAerator® exceeds LEED requirement for credit
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The LEED green building certification program created by the US Green Building Council (USGBC) has the basic intent to promote Environmentally Sustainable Design.

LEED certification depends upon a whole systems approach because of the effect building systems have on one another and their total energy efficiency. Improving the quality of our built environment, saving money, along with protecting the natural environment and well being of building occupants, are fundamental principles of the LEED system.

The **UltimateAir® RecoupAerator®** improves Energy Efficiency and Indoor Air Quality, which can be awarded credits toward green building certification using one of the nine LEED rating systems.

The LEED project team decides the appropriate LEED rating system and the specific credit pathway it will pursue. (See LEED rating system selection guide provided by the USGBC).

**Designers and primary stakeholders find the UltimateAir® RecoupAerator® integrated with HVAC systems, exceed requirements and maximize LEED points awarded.**

Based on construction type and selected LEED Rating System, the credit reference numbers and points awarded will vary.

Using the LEED for HOMES Rating System (vs2009) we have illustrated the appropriate credit categories and possible points the **UltimateAir® RecoupAerator®** will help qualify a project to receive.

The **UltimateAir® RecoupAerator®** will substantially reduce the energy used by the heating and cooling equipment, improving the ability of a HVAC system to obtain EA credit.

Also, Whole house ventilation and filtration requirements set by the LEED EQ credit category can be efficiently exceeded by installing an **UltimateAir® RecoupAerator®**.

High Quality air filtration is accomplished first, through an aluminum mesh pre-filter which removes large airborne particles, and then through a high density MERV 12 filter capturing tiny particles.