



Live life, breathe free

INDOOR AIR QUALITY EXCELLENCE



Auroris Inc.™, a sister company of ECO Earth Sciences Inc., is committed to the advancement of Indoor Air Quality where **health, vitality** and **safety** are paramount and the quality of the air we experience rivals that found only in the **most pristine natural environments**.

Technologies developed by **ECO Earth Sciences Inc.** have been used the world over. Clients include many from the Private Sector, multiple branches of the Military of both the United States and Canada and over 200 government agencies and institutions on four continents.





WHAT MAKES Auroris™™ THE BEST IN THE INDUSTRY? PERFORMANCE UNEQUALLED

SMART IAQ™ – INDOOR AIR QUALITY EXCELLENCE



ALL Auroris™ HRV/ERV are **Next Generation, Smart IAQ™ compliant**. Fully configured, **Smart IAQ™** creates the freshest, cleanest, healthiest air environment possible.



TRUE AUTOMATED AIRFLOW BALANCING*



The industry's **FIRST** Patented True Automated Airflow Balancing Technology (TAB™) continuously monitors and balances airflow at all elevations, under all conditions.



QUIETEST IN ITS CLASS



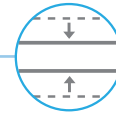
Constructed with UL certified sound insulation for maximum noise reduction, Auroris™ is among the Quietest in the Industry.



INDUSTRY LEADING SPACE EFFICIENTCY



Low Profile Design and Horizontal or Vertical Installation capabilities provide maximum space utilizations.



SENSIBLE RECOVERY EFFICIENCY (Thermal Transfer)



Auroris™ SRE/TRE is among the very best in the industry.



ENERGY EFFICIENCY



Auroris™ CFM per watts is among the very best in the industry.



MILITARY GRADE CONSTRUCTION



Auroris™ HRV/ERV's are designed and constructed to Military Specifications using heavy gauge steel and welded joints. Each unit is individually powder coated.



* Select Units Only

SOLAS™

Quality, Performance and Value converge.

Energy & Thermal Transfer Efficiency Excellence

Innovative Engineering & Design maximize Space and Performance.

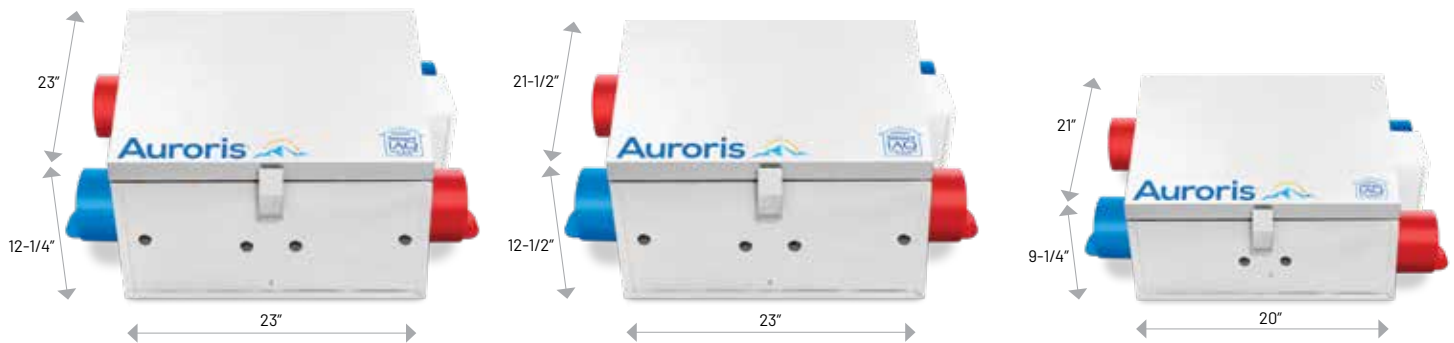
Advanced Sound Reduction Engineering.

Quietest in its class!

High efficiency advanced evacuation defrost.

Military grade Design/Construction.

Solas™, the logical choice for Ventilation Excellence!



| SOLAS FRESH AIR EXCHANGERS | Solas C Series | | Solas CX Series | | Solas H Series | | | Solas HX Series | | Solas HO Series | | | | |
|----------------------------|-------------------------|---------|-----------------|----------|-------------------------|--------------------|---------|-----------------|-------------------|-----------------|--------------------------|---------|--------------------------|--|
| Type | HRV | ERV | HRV | ERV | HRV | HRV | ERV | HRV | ERV | HRV | ERV | HRV | ERV | |
| Model # | HSC-100 | ESC-100 | HSCX-130 | ESCX-130 | HSH-160ES | HSH-200 | ESH-200 | HSHX-200 | ESHX-200 | HHO-300 | EHO-300 | HHO-500 | EHO-500 | |
| Core Size | 12" x 12" x 6-3/4" | | | | 12" x 12" x 10-3/4" | | | | 14" x 14" x 11.7" | | 16.3" x 16.3" x 13.2" | | | |
| Motor | PSC | | ECM | | PSC | | | ECM | | | | | | |
| Unit Dimension | 20" x 21" x 9 1/4" | | | | 23" x 21.5" x 12.25" | 23" x 23" x 12.25" | | | | | 26.25" x 24.25" x 14.25" | | 28.25" x 26.25" x 15.75" | |
| Air Flow (CFM) 0.2 SP | 106 | 102 | 131 | 122 | 158 | 195 | 199 | 245 | 236 | 341 | 300 | 499 | 490 | |
| Air Flow (CFM) 0.4 SP | 91 | 93 | 128 | 111 | 152 | 207 | 167 | 232 | 225 | 297 | 266 | 468 | 445 | |
| *SRE 0°C | 77% | 78% | 82% | 76% | 82% | 69% | 74% | 77% | 75% | 72% | 70% | 72% | 74% | |
| Defrost Type | Fan Cycle Defrost | | | | Timed Fan Cycle Defrost | Fan Cycle Defrost | | | | | | | | |
| Warranty | 5 Year Limited Warranty | | | | | | | | | | | | | |

* SRE = Sensible Recovery Efficiency ** ASE = Apparent Sensible Effectiveness

ADDITIONAL MODELS AVAILABLE FROM 80 TO 700CFM



QUIETEST IN ITS CLASS

Constructed with UL certified sound insulation for maximum noise reduction.



MILITARY GRADE CONSTRUCTION

Constructed using heavy gauge steel welded joints individually powder coated.

For more information see <https://Auroris.org/solas>



PRIMUS™

Best in class engineering, energy and thermal recovery Efficiency.

The Industry's **FIRST** Patented **True Automated Airflow Balancing (TAB™)**

Low profile design for maximum **Space/Design efficiency**

Advanced Sound Reduction Engineering.
Quietest in its class!

Unique tilted core provides maximum drainage.

High efficiency advanced recirculation defrost.

Military grade Design/Construction.

Primus™, your first choice for Performance and Efficiency!



Horizontal OR
Vertical Installation.

| PRIMUS FRESH AIR EXCHANGERS | Primus XT Series | | Primus SA Series | Primus AXT Series | |
|---------------------------------------|-------------------------|----------|------------------|-------------------|-----------|
| | HRV | ERV | ERV | HRV | ERV |
| Type | HRV | ERV | ERV | HRV | ERV |
| Model # | HPXT-150 | EPXT-150 | EPSAX-150 | HPAXT-150 | EPAXT-150 |
| Core Size | 12" x 12" x 6-3/4" | | | | |
| Motor | ECM | | | | |
| Unit Dimension | 27-3/4" x 21" x 9-1/4" | | | | |
| Air Flow (CFM) 0.2 SP | 151 | 148 | 148 | 148 | 146 |
| Air Flow (CFM) 0.4 SP | 137 | 134 | 140 | 146 | 146 |
| *SRE 0° C | 82% | 80% | 80% | 70% | 65% |
| Defrost Type | Recirculation Defrost | | | | |
| TAB™ True Automated Airflow Balancing | | | | | |
| Warranty | 5 Year Limited Warranty | | | | |

* SRE = Sensible Recovery Efficiency ** ASE = Apparent Sensible Effectiveness



TAB™

True Automated Airflow Balancing Technology.



**SMALL PROFILE/
MAXIMUM PERFORMANCE**

Allows for unit installation and retrofits in a wide range of locations.



QUIETEST IN ITS CLASS

Constructed with UL certified sound insulation for maximum noise reduction.



MILITARY GRADE CONSTRUCTION

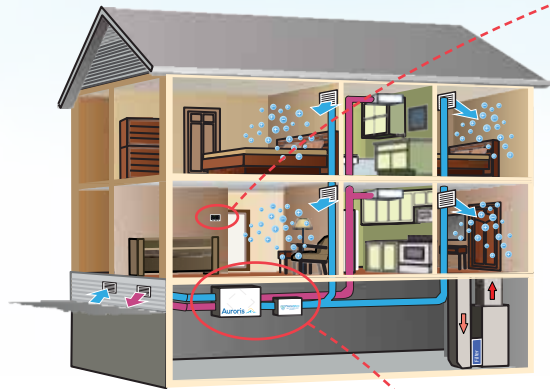
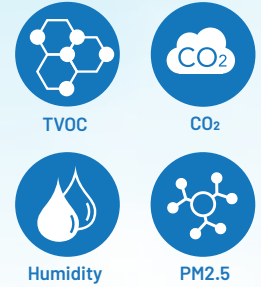
Constructed using heavy gauge steel welded joints individually powder coated.

Introducing Smart iAQ™

The Industry's most advanced Indoor Air Quality (IAQ) Solution.

Step 1 TAKE CONTROL

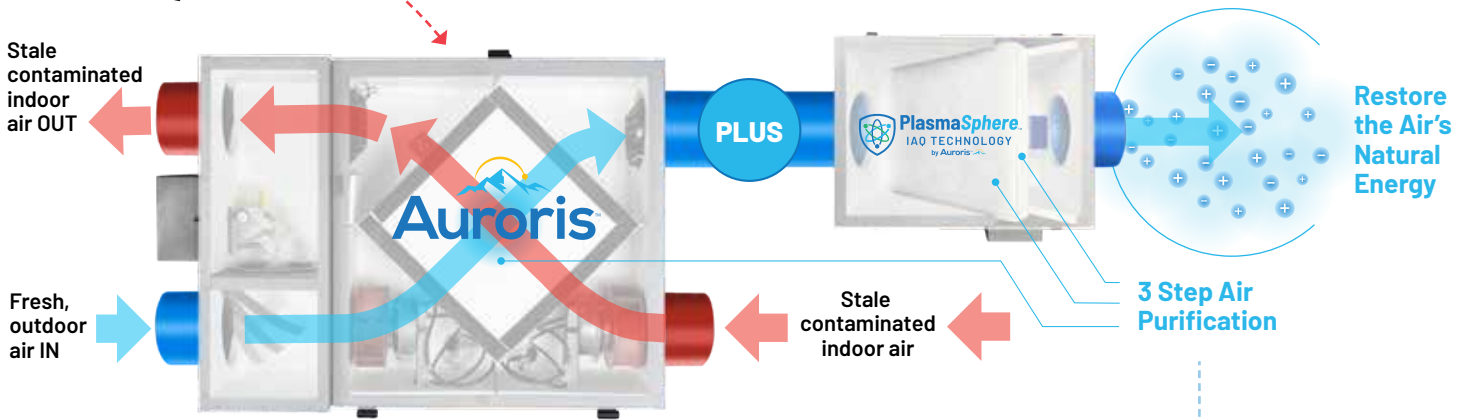
CO₂, VOC's and PM 2.5 levels are continuously monitored and measured 24/7 by one of the most Intelligent ventilation controllers in the Industry.



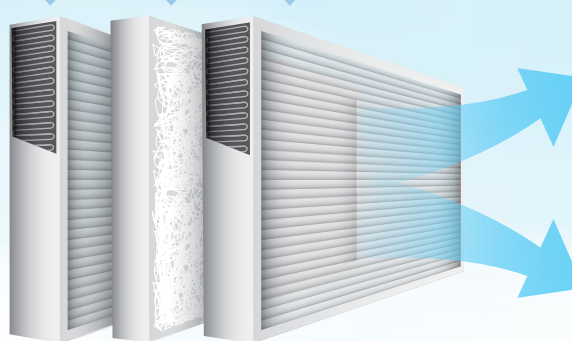
INDOOR AIR QUALITY (IAQ™) ... AUTOMATED

All Auroris™ devices are **Smart IAQ™ Compliant**, able to receive mitigation instructions from the Smart IAQ™ Controller based on contamination levels or alerts.

Your indoor air quality is **Measured, Monitored and Protected** 24/7.

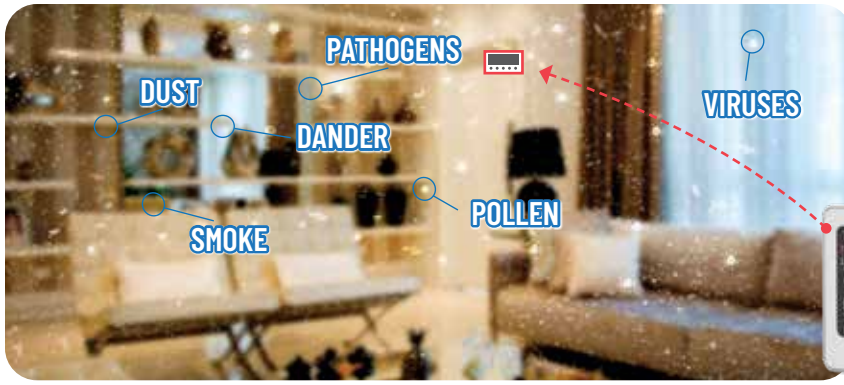


Step 2 START WITH THE FRESHEST, CLEANEST, PUREST AIR



INCOMING
PURE
FRESH AIR

Plasmasphere™ Pre-Treatment - Three stage purification of all incoming air ensures only the cleanest air possible.



AEROSOL CONTAMINATION

The **Smart IAQ™ Controller** detects increased levels of PM (Particulate Matter) 2.5 and 1.0 and takes the appropriate action.



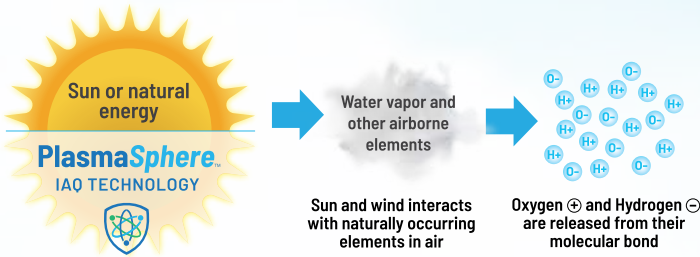
Step 3

LET'S CLEAR THE AIR

NATURE'S AIR DISINFECTION SYSTEM

In nature, air has a natural defense/disinfection system powered by natural energy that has existed since the beginning of time.

Smart IAQ™ with Plasmasphere™ emulates this same process.



Result

CLEAN, SAFE, HEALTHY AIR



ODORS/
VOC's



POLLEN



DUST/
PARTICULATE



VIRUSES



PATHOGENS/
MOLD



www.Auroris.org

