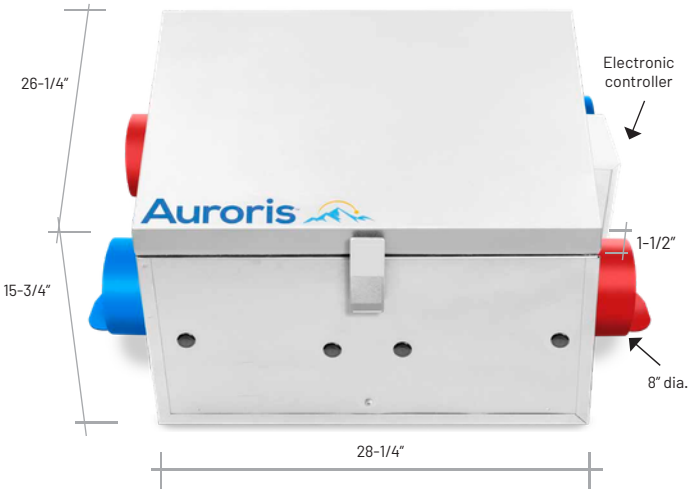
SOLAS™ HRV by Auroris Pristine Air Solutions

Model: HSHO-500 Specifications

Features

- **High Efficiency Permanently Lubricated Variable Speed (PSC) Motors**
- **Tilted core design for maximum efficiency**
- **Constructed using UL certified sound insulation. The Quietest in its class**
- **Military Grade Specification: constructed using heavy gauge steel, welded joints, individually powder coated**
- Over all size **29.75" (W) x 27" (D) x 15.75" (H)**
- Power ratings: 115V / 1 / 60 Hz, 5.2 Amp., Standby current is 7W only
- Washable Polyoropylene core and MERV - 3/4 Filters
- Drainless Design
- Weight approximately 100 lbs.
- Exhaust up to four washrooms
- Suitable for Corridor
- Two Speed exhaust (High / Low) - up to 500 CFM maximum
- Continuous fresh air supply at Normal speed up to 500 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Power Failure / Freeze Protection
- Weight approximately 100 lbs.
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



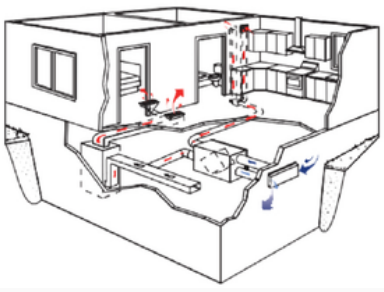
Accessories (Included):

- Webbing Installation Kit
or 4 PS Mounting brackets

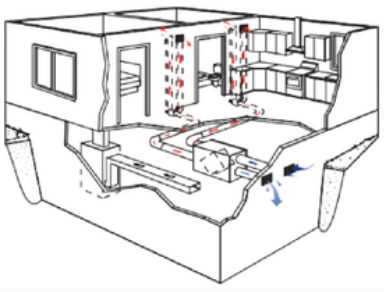
Optional:

- Intermittent Switch, 5VDC (IC100-5V)
- Smart IAQ™ Controller
- Push button timer switch (20/40/60 Min., 5VDC)
- Motorized Damper (120V AC), option 1 & 2
- Dehumidistat

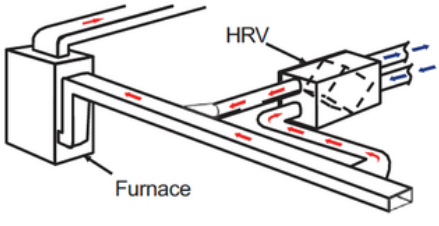
Residential Installation Options:



Fully Ducted System



Semi Ducted System



Furnace Return Air-duct Connection

auroris.org | 888.863.1562 | info@auroris.org

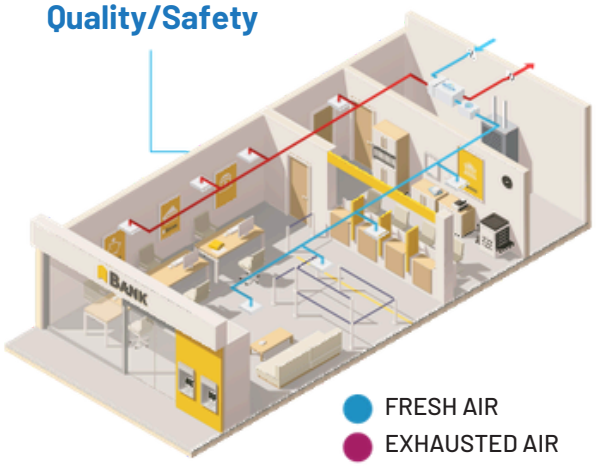
SOLAS™ HRV by Auroris Inc. Pristine Air Solutions

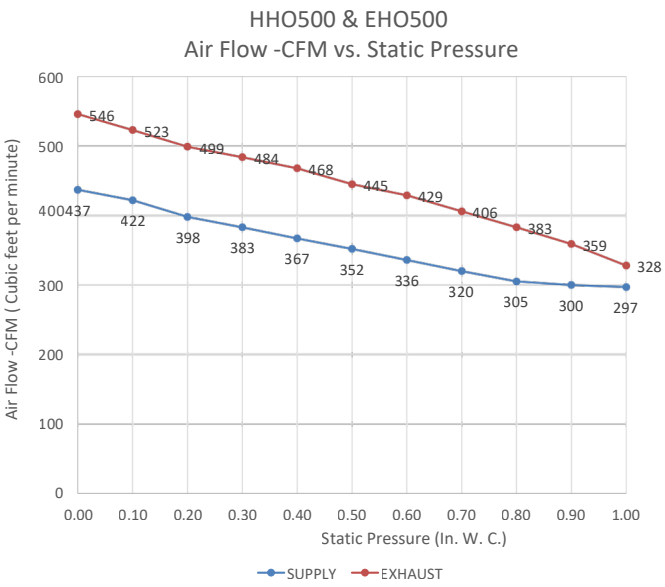
Model: HSHO-500 Specifications

Fully Ducted System

ERV with Fan Coil System

Installation options for Indoor Air Quality/Safety





SOUND:

30 (L/s) @ 0.2 (IN. W.G.)	**2.2 sones**

VENTILATION PERFORMANCE

Model #	Normal Speed Supply/Exhaust (ConstantVentilation)	High Speed Exhaust (Activatedbyswitch)	Maximum Power Rating 120V / 1 / 60Hz
HHO-500	100 ~ 500 CFM variable	100 ~ 500 CFM variable	5.20 Amp.

*Normal and high speed can be adjusted by either installer or factory using speed controllers mounted on the main controller of the unit.

ENERGY PERFORMANCE

HSHO500		Supply Temperature		Net Airflow		Supply / Exhaust Flow Ratio	Average Power (Watts)	Sensible Revcovery Efficiency	Apparent Sensible Effectiveness	Net Moisture Transfer
		°C	°F	L/S	CFM					
Heating	I	0	32	24	50	1.01	64	72	86	0.01
	ii	0	32	32	67	1.06	76	71	85	0.02
	iii	0	32	44	94	1.06	90	69	78	0.01
	iv	0	32	67	141	1.03	118	65	74	0.01
	v	0	32	121	257	1.02	178	61	70	0.01
	vi	0	32	177	376	1.05	257	57	65	0.01
Cooling	vii									

** Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

C US

Smart iAQ Indoor Air Quality Excellence Compliant

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