

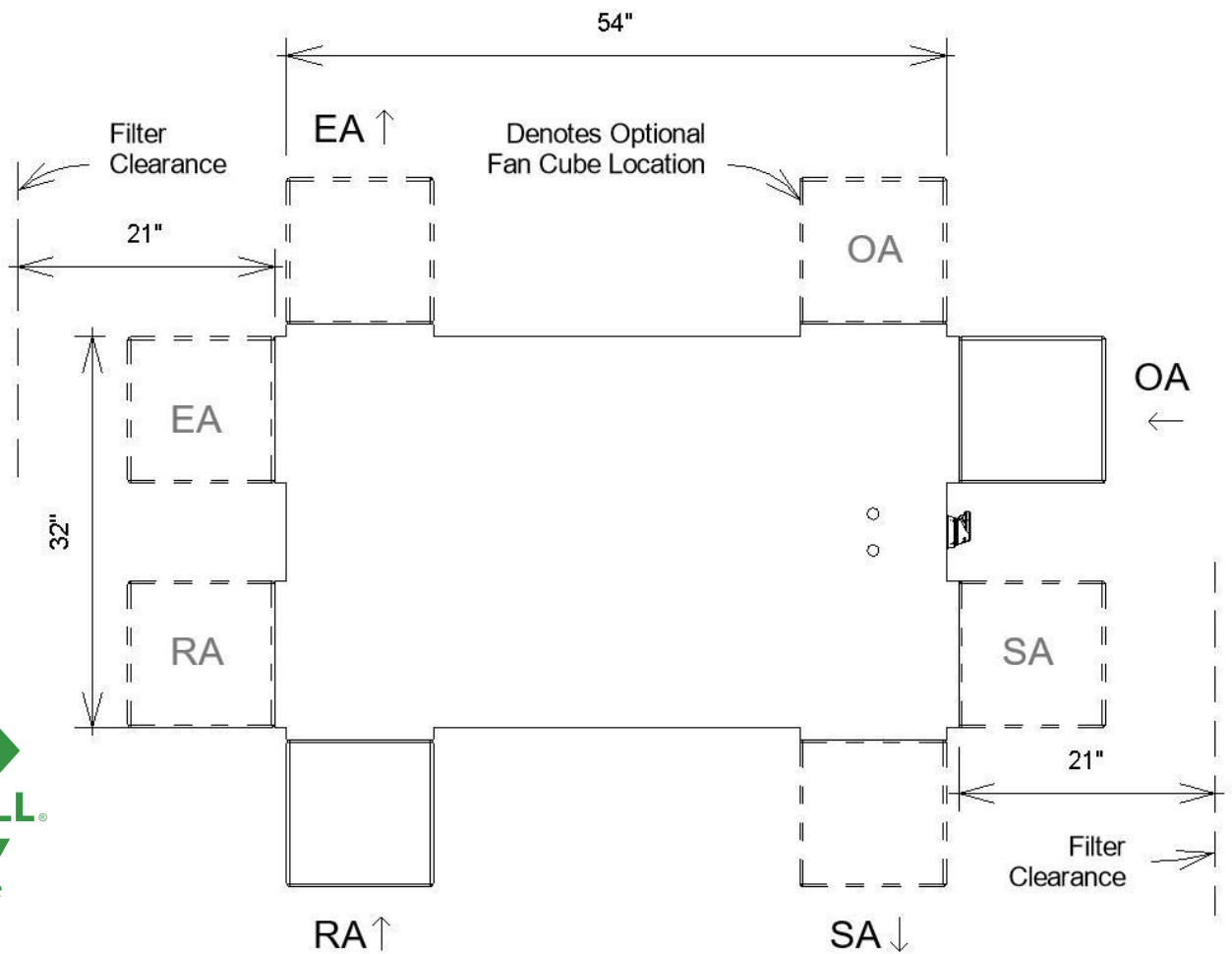
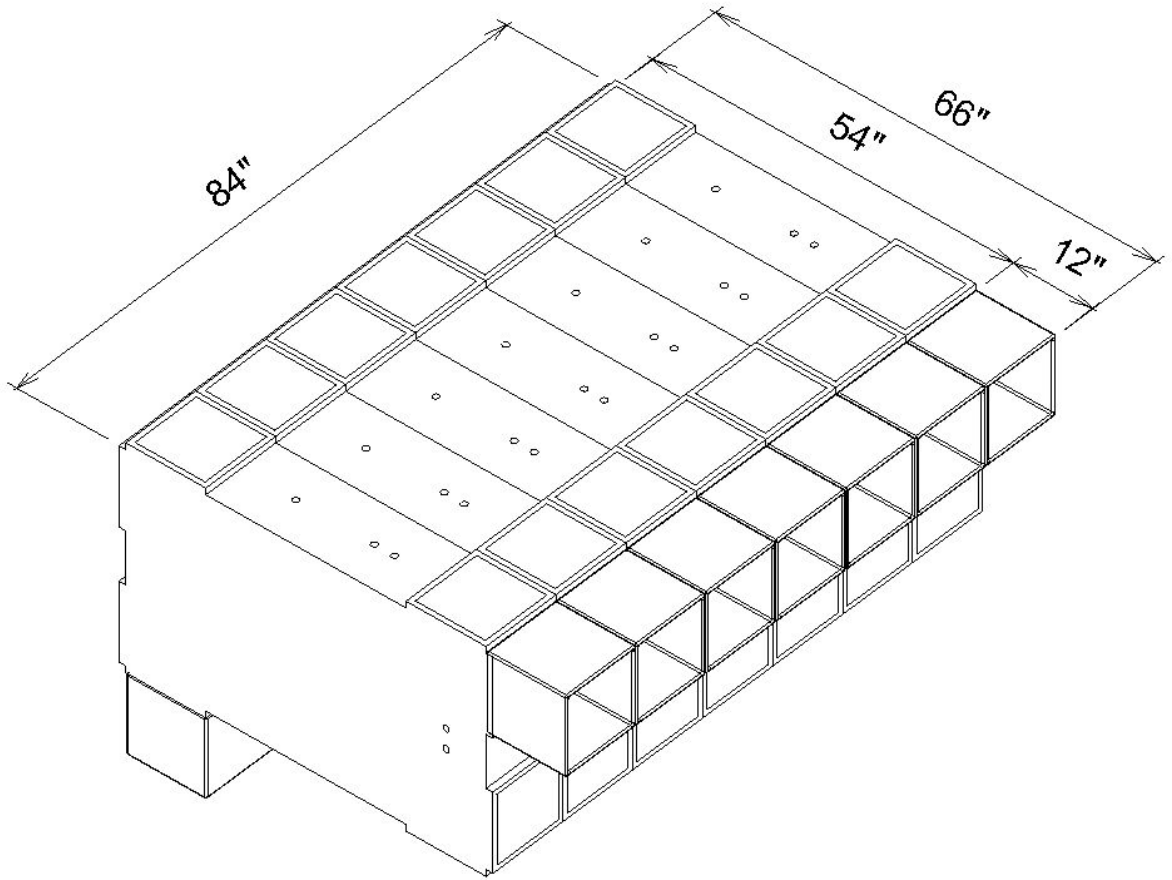
Energy Wall U-ERV 4200 Series

U-ERV 4200 Standard Features		Industry Standard Comparison
Airflow Range:	0 to 5600 CFM [4200 Rated]	Full Variable ECM+ Remote Fan Modulation
Dimensions:	84" L X 54" D X 84" Height	2-4X Smaller Size (12" Height per module)
Ultra Lightweight:	686 lbs.	2.5X Lighter (Varies by Options) (98 lbs. per module)
AHRI 1060 Tested Core:	EWT-11-42 QTY(7) HWT-11-42 QTY(7)	Patented Static Plate, heat and humidity transfer Static Plate, heat transfer or condensing wrap-around application
Sensible Efficiency:	73% @ 4200 SCFM	Up to 90% Possible
Latent Efficiency:	63% @ 4200 SCFM	Up to 70% Possible
Total Efficiency:	69% @ 4200 SCFM	Up to 80% Possible
Coil Option:	126,665 BTUs/Hr	Dx or Chilled Water. VRF Integrated.
Exhaust Air Transfer:	Zero	Good for Bathroom Exhaust, Laboratories, Hospitals
Cost:	Lowest Installed	Lower transport, installation, maintenance, and fan energy costs
Minimal Maintenance:	Filters @ 3-6 months	Total qty. 2, MERV 11: 5.00" x 40.38" x 1.88" (Actual Size) (Per Module)
Stack Multiple Modules:	Vertical or Horizontal	Patented design - a single duct will connect to multiple U-ERVs
Fan Motors:	ECM+ IP68 Rated	Variable Airflow adjustability & balancing with mechanical turn potentiometers Remote Variable Airflow adjustability via 0-10V signal
Antimicrobial Membrane:	Salt / Ceramic	Proven highly antimicrobial without the addition of additives
Like a UV Light:	MERV 11 Equivalence	Actively kills bacteria flowing with both airstreams
Non-Fused Disconnect:	UL 98 Rated	Lowers Installed Cost - Defeatable Lockout For Safe Access
Safety:		
Duct Connections:		Self tapping screws with duct sealant. Connect to Fan Cube or Unit port
Application:	Any Orientation	Universal Compatibility for Bolt-on, Roof-top, Exterior, or Interior Installation
Electrical Power:	Universal Input AC or DC	90 to 264 VAC Input (50/60Hz) or 40 to 370 VDC Input
Extreme Exterior Shell:	Gray Polypropylene	Corrosion Proof, double wall construction with fumed silica insulation

U-ERV 4200 Series Model Numbers										
Model Number	Type	External Static Pressure @ 4200 SCFM			90 to 264 VAC Input (50/60 Hz)			40 to 350 VDC Input		
		Supply (in. w.g.)	Exhaust (in. w.g.)	Weight (lbs.)	120 VAC 1Ø(Amps)	230 VAC 1Ø(Amps)	208 VAC 3Ø(Amps)	55.2 VDC (Amps)	255 VDC (Amps)	350 VDC (Amps)
UERV 4200LL	Enthalpy	0.5	0.5	686	45.5	33.2	26.3	70.0	23.8	17.3
UERV 4200HH	Enthalpy	2.5	2.5	742	91.0	66.5	52.5	140.0	59.5	26.0
UERV 4200LH	Enthalpy	0.5	2.5	714	68.3	49.8	39.5	105.0	35.7	26.0
UERV 4200HL	Enthalpy	2.5	0.5	714	68.3	49.8	39.5	105.0	35.7	26.0
UHRV 4200LL	Sensible	0.5	0.5	686	45.5	33.2	26.3	70.0	23.8	17.3
UHRV 4200HH	Sensible	2.5	2.5	742	91.0	66.5	52.5	140.0	59.5	26.0
UHRV 4200LH	Sensible	0.5	2.5	714	68.3	49.8	39.5	105.0	35.7	26.0
UHRV 4200HL	Sensible	2.5	0.5	714	68.3	49.8	39.5	105.0	35.7	26.0

Note: Minimum 180VAC and 255VDC Recommended to Achieve Rated Static Pressure

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