

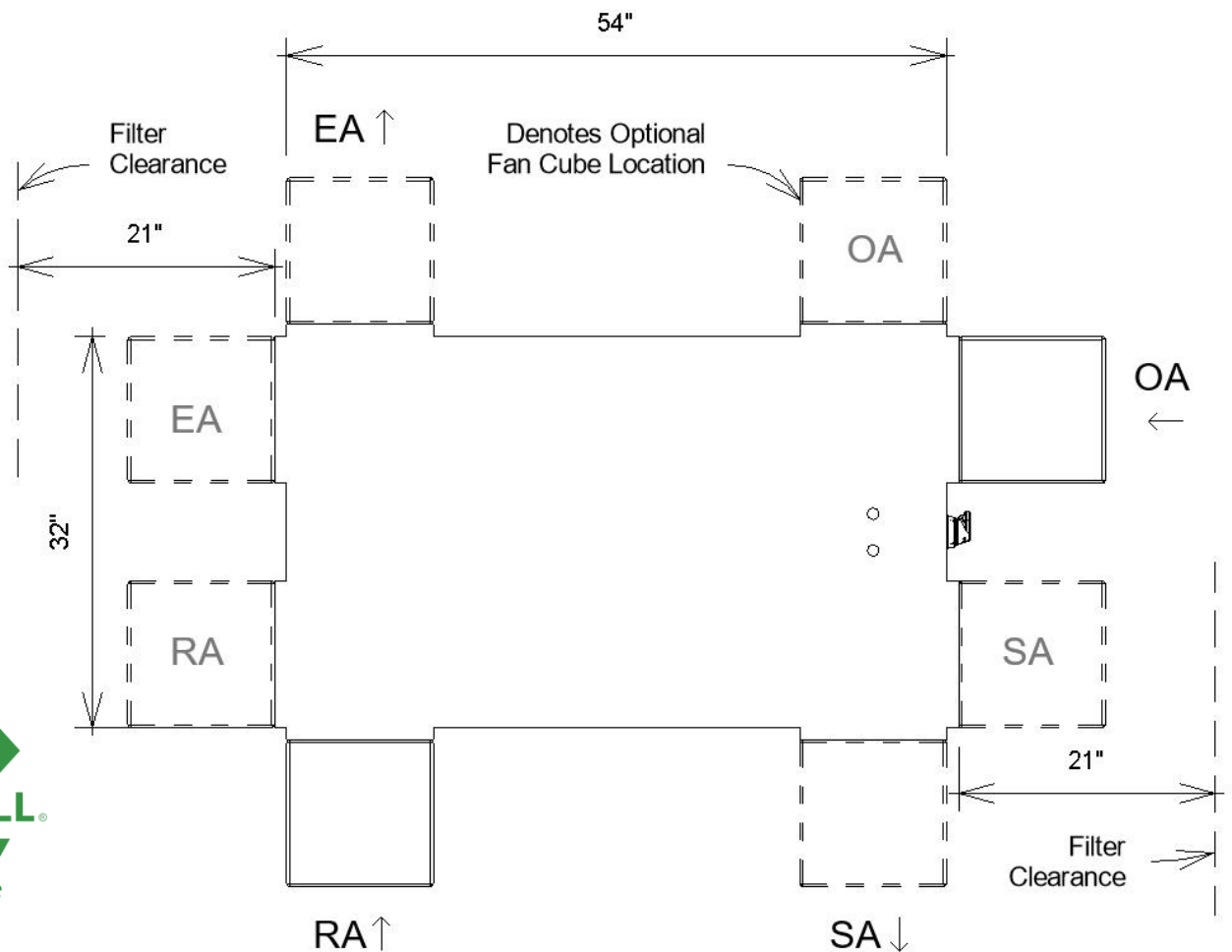
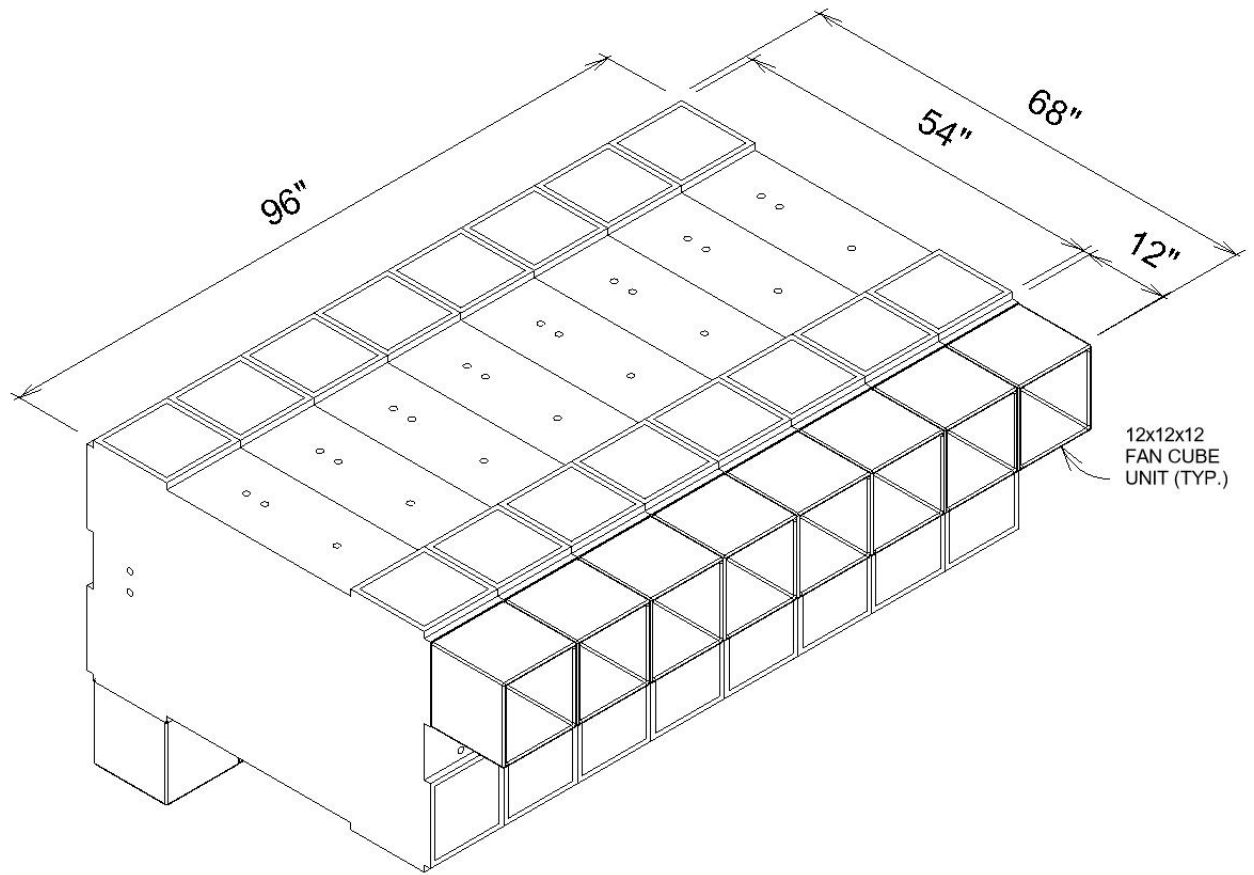
Energy Wall U-ERV 4800 Series

U-ERV 4800 Standard Features		Industry Standard Comparison
Airflow Range:	0 to 6400 CFM [4800 Rated]	Fully Variable ECM+ Remote Fan Modulation
Dimensions:	54" L X 32" D X 96" Height	2-4X Smaller Size
Ultra Lightweight:	8 units at 98 lbs. each	2.5X Lighter (Varies by Options)
AHRI 1060 Tested Core:	EWT-11-42 (Qty 8) HWT-11-42 (Qty 8)	Counterflow plate-type, heat and humidity transfer Counterflow plate-type, heat-only transfer or condensing wrap-around application
Sensible Efficiency:	73% @ 4800 SCFM	Up to 90% Possible
Latent Efficiency:	63% @ 4800 SCFM	Up to 70% Possible
Total Efficiency:	69% @ 4800 SCFM	Up to 80% Possible
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. 32, MERV 8: 21"X 5.25" X 2" (Actual Size)
Stack Multiple Modules:	Vertical or Horizontal	Patented design - a single duct will connect to multiple U-ERVs
Fan Motors:	ECM+ IP68 Rated	>1.0 CFM/Watt @ 4800 SCFM 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:	Exterior Rated UL98	Lowers Installed Cost - Defeatable Lockout For Safe Access
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:	Carbon Infused Polypropylene	Corrosion Proof, double wall construction Nano-particle metal-oxide insulation

U-ERV 4800 Series Model Numbers										
Model Number	Type	External Static Pressure at 4800 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 4800LL	Enthalpy	0.5	0.5	784	62.8	36.6	21.9	129.6	28.0	20.4
UERV 4800HH	Enthalpy	2.5	2.5	848	108.6	55.7	33.3	205.6	44.5	32.4
UERV 4800LH	Enthalpy	0.5	2.5	816	75.0	40.4	28.2	168	36.4	26.5
UERV 4800HL	Enthalpy	2.5	0.5	816	75.0	40.4	28.2	168	36.4	26.5
UHRV 4800LL	Sensible	0.5	0.5	784	62.8	36.6	21.9	129.6	28.0	20.4
UHRV 4800HH	Sensible	2.5	2.5	848	108.6	55.7	33.3	205.6	44.5	32.4
UHRV 4800LH	Sensible	0.5	2.5	816	75.0	40.4	28.2	168	36.4	26.5
UHRV 4800HL	Sensible	2.5	0.5	816	75.0	40.4	28.2	168	36.4	26.5

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

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