

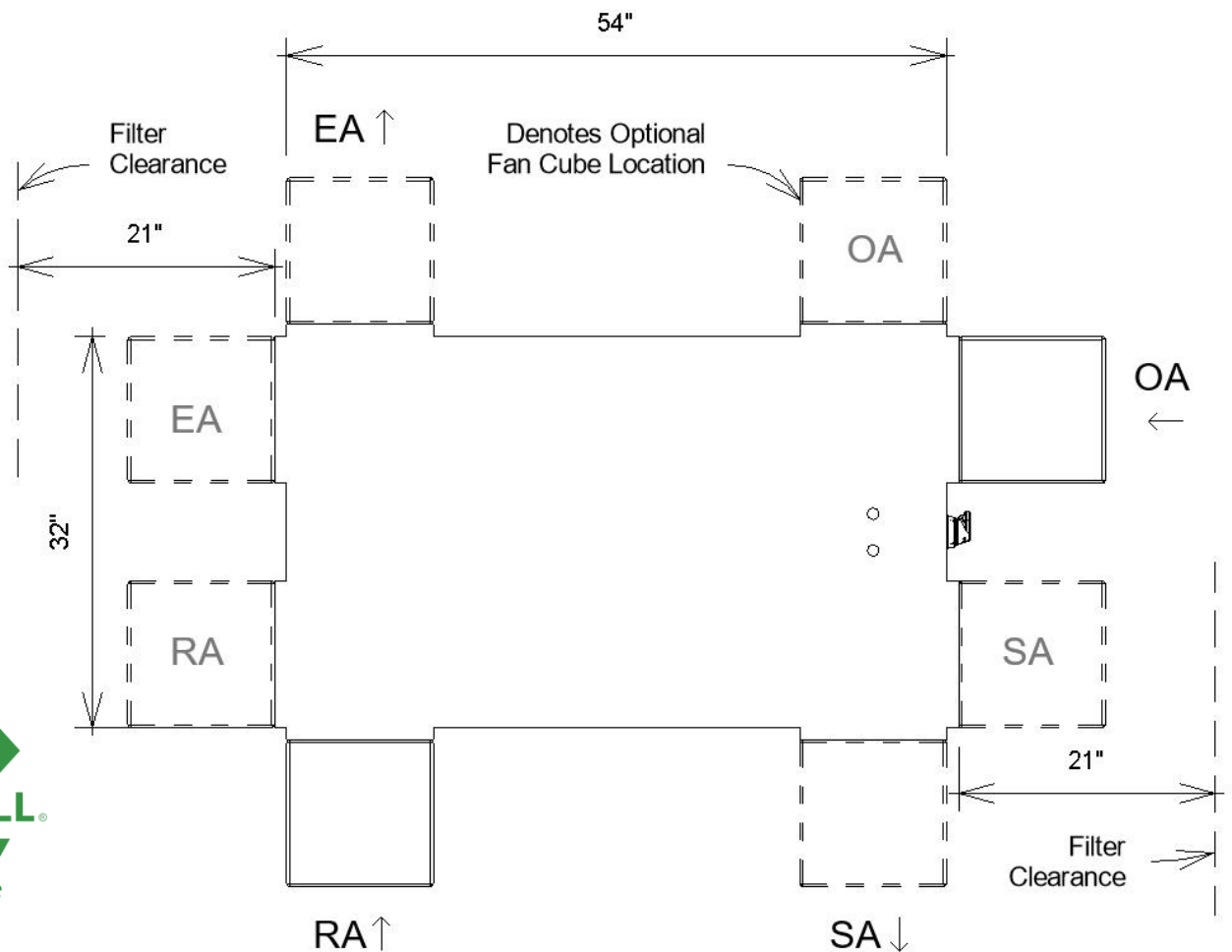
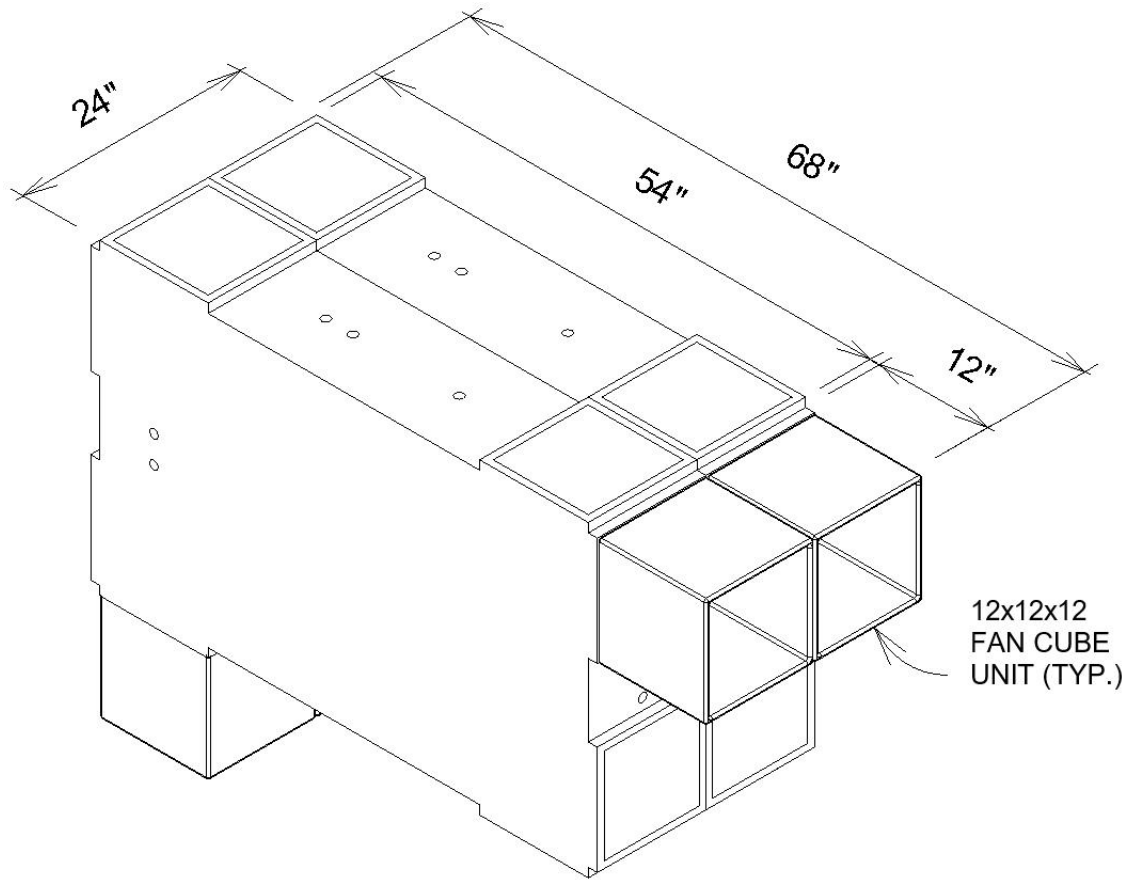
Energy Wall U-ERV 1200 Series

U-ERV 1200 Standard Features		Industry Standard Comparison
Airflow Range:	0 to 1600 CFM [1200 Rated]	Fully Variable ECM+ Remote Fan Modulation
Dimensions:	54" L X 32" D X 12" Height [x2]	2-4X Smaller Size
Ultra Lightweight:	196 lbs [98 lbs per module]	2.5X Lighter (Varies by Options)
AHRI 1060 Tested Core:	EWT-11-42 [x2] HWT-11-42 [x2]	Counterflow plate-type, heat and humidity transfer Counterflow plate-type, heat-only transfer or condensing wrap-around application
Sensible Efficiency:	73% @ 1200 SCFM	Up to 90% Possible
Latent Efficiency:	63% @ 1200 SCFM	Up to 70% Possible
Total Efficiency:	69% @ 1200 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. 8, 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 @ 1200 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 1200 Series Model Numbers										
Model Number	Type	External Static Pressure at 1200 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 1200LL	Enthalpy	0.5	0.5	196	15.7	9.2	6.0	32.4	7.0	5.1
UERV 1200HH	Enthalpy	2.5	2.5	212	27.2	13.9	9.1	51.4	11.1	8.1
UERV 1200LH	Enthalpy	0.5	2.5	204	21.4	11.5	8.1	42.0	9.1	6.6
UERV 1200HL	Enthalpy	2.5	0.5	204	24.2	12.6	8.1	42.0	9.9	6.6
UHRV 1200LL	Sensible	0.5	0.5	196	15.7	9.2	6.0	32.4	7.0	5.1
UHRV 1200HH	Sensible	2.5	2.5	212	27.2	13.9	9.1	51.4	11.1	8.1
UHRV 1200LH	Sensible	0.5	2.5	204	21.4	11.5	8.1	42.0	9.1	6.6
UHRV 1200HL	Sensible	2.5	0.5	204	24.2	12.6	8.1	42.0	9.9	6.6

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

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1002 New Holland Ave
Lancaster PA 17601
www.energywall.com