

Energy Wall U-ERV 6000 Series

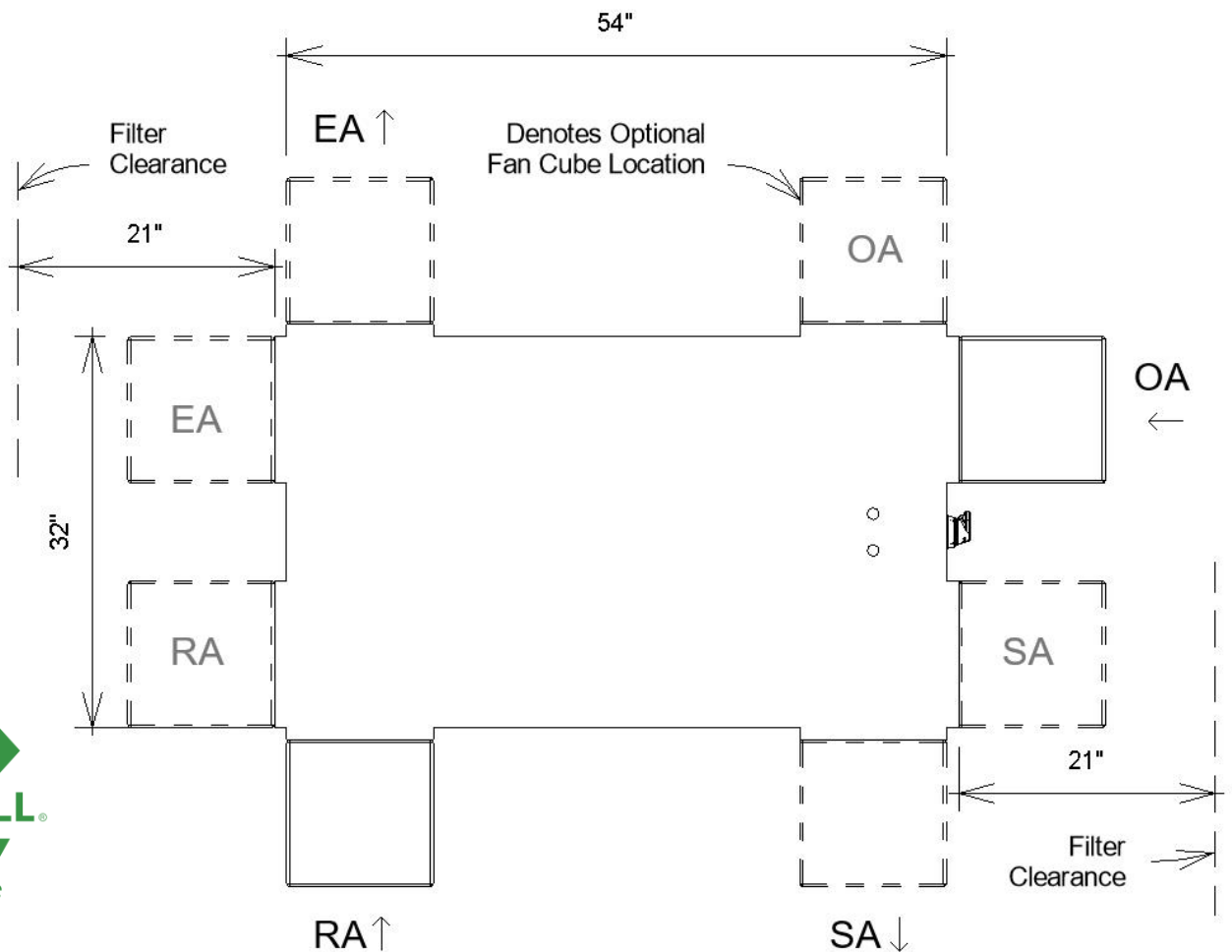
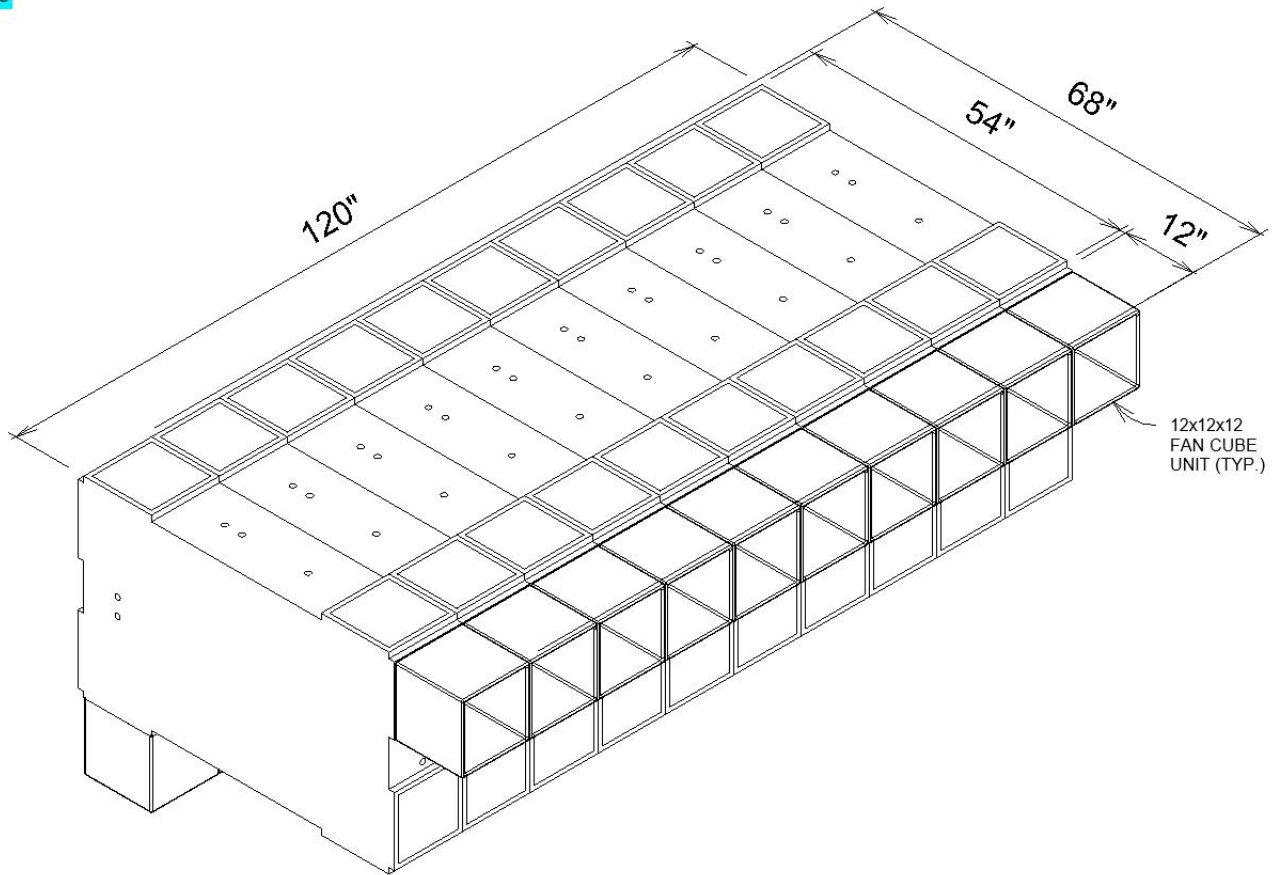
U-ERV 6000 Standard Features		Industry Standard Comparison
Airflow Range:	0 to 8000 CFM [6000 Rated]	Fully Variable ECM+ Remote Fan Modulation
Dimensions:	54" L X 32" D X 120" Height	2-4X Smaller Size
Ultra Lightweight:	10 units at 98 lbs. each	2.5X Lighter (Varies by Options)
AHRI 1060 Tested Core:	EWT-11-42 (Qty 10) HWT-11-42 (Qty 10)	Counterflow plate-type, heat and humidity transfer Counterflow plate-type, heat-only transfer or condensing wrap-around application
Sensible Efficiency:	73% @ 600 SCFM	Up to 90% Possible
Latent Efficiency:	63% @ 600 SCFM	Up to 70% Possible
Total Efficiency:	69% @ 600 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. 40, 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 @ 6000 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 6000 Series Model Numbers										
Model Number	Type	External Static Pressure at 6000 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 6000LL	Enthalpy	0.5	0.5	980	78.5	45.8	27.9	162.0	35.1	25.6
UERV 6000HH	Enthalpy	2.5	2.5	1060	135.7	69.6	42.4	257.0	55.6	40.5
UERV 6000LH	Enthalpy	0.5	2.5	1020	107.1	57.7	35.2	210.0	45.5	33.1
UERV 6000HL	Enthalpy	2.5	0.5	1020	107.1	57.7	35.2	210.0	45.5	33.1
UHRV 6000LL	Sensible	0.5	0.5	980	78.5	45.8	27.9	162.0	35.1	25.6
UHRV 6000HH	Sensible	2.5	2.5	1060	135.7	69.6	42.4	257.0	55.6	40.5
UHRV 6000LH	Sensible	0.5	2.5	1020	107.1	57.7	35.1	210.0	45.5	33.1
UHRV 6000HL	Sensible	2.5	0.5	1020	107.1	57.7	35.1	210.0	45.5	33.1

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

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