

# Energy Wall U-ERV 3000 Series

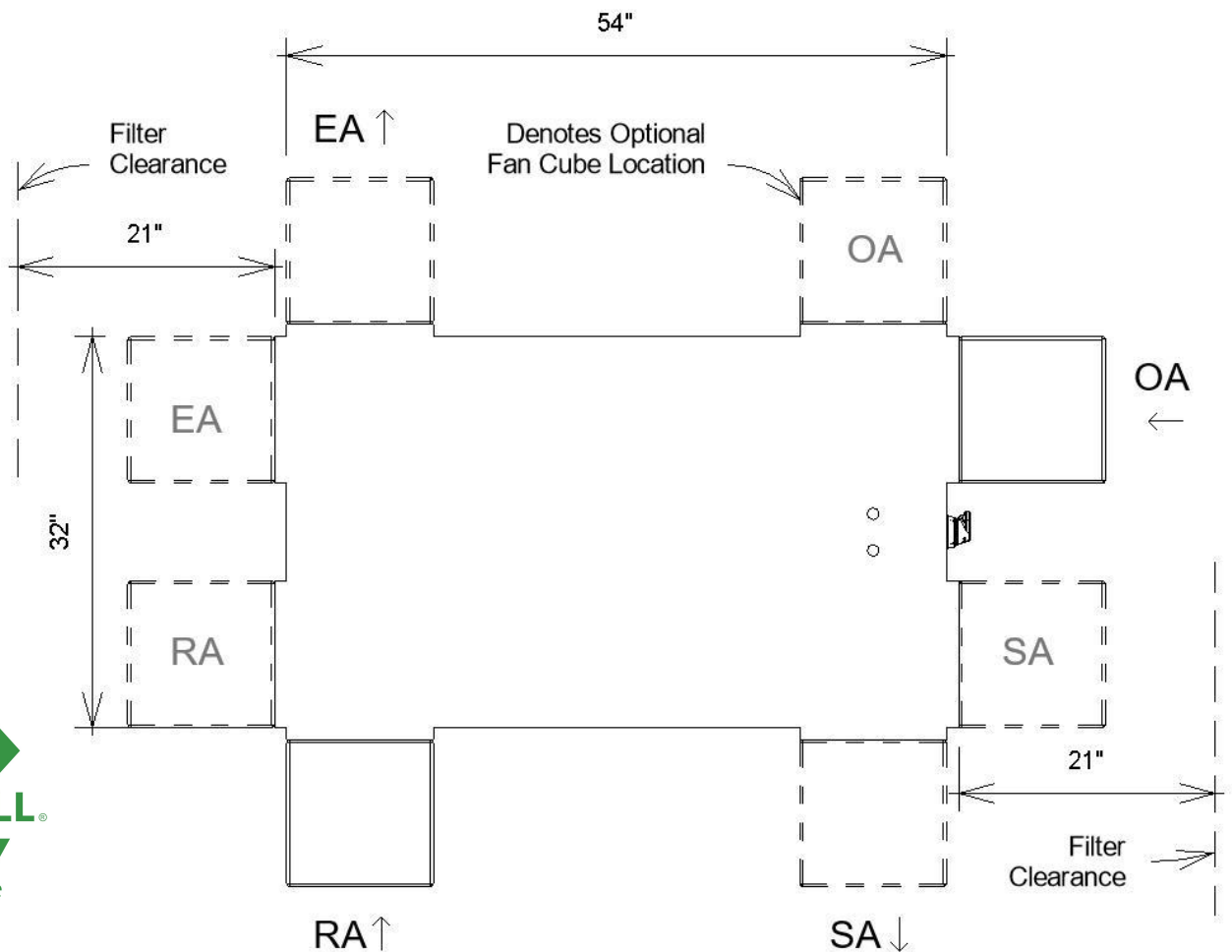
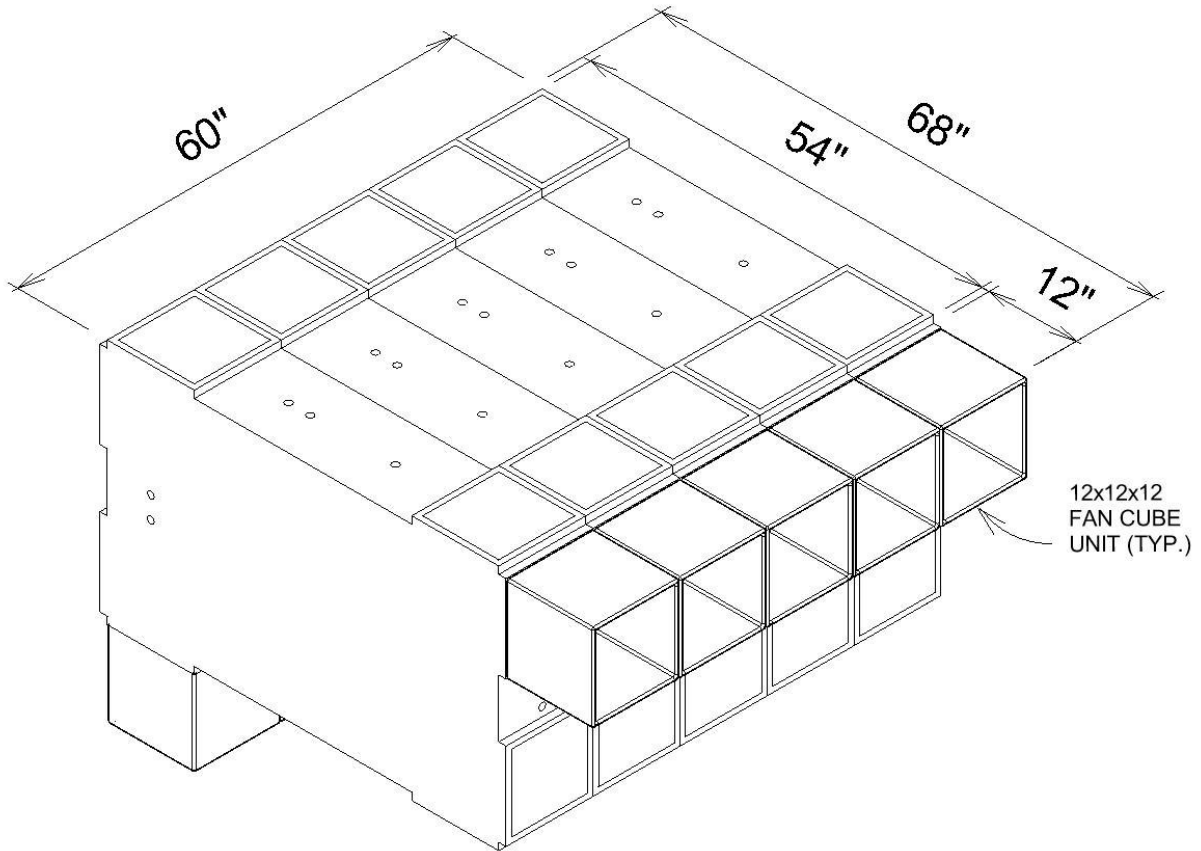
U-ERV 3000 Standard Features		Industry Standard Comparison
Airflow Range:	0 to 4000 CFM [3000 Rated]	Full Variable ECM+ Remote Fan Modulation
Dimensions:	54" L X 32" D X 120" Height	2-4X Smaller Size (12" Height per module)
Ultra Lightweight:	490 lbs.	2.5X Lighter (Varies by Options) (98 lbs. per module)
AHRI 1060 Tested Core:	EWT-11-42 QTY(5) HWT-11-42 QTY(5)	Patented Static Plate, heat and humidity transfer Static Plate, heat transfer or condensing wrap-around application
Sensible Efficiency:	73% @ 3000 SCFM	Up to 90% Possible
Latent Efficiency:	63% @ 3000 SCFM	Up to 70% Possible
Total Efficiency:	69% @ 3000 SCFM	Up to 80% Possible
Coil Option:	90,475 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	>1.0 CFM/Watt @ 3000 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:	UL98 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 3000 Series Model Numbers

Model Number	Type	External Static Pressure @ 3000 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 3000LL	Enthalpy	0.5	0.5	490	36.4	23.7	21.0	50.0	17.0	12.5
UERV 3000HH	Enthalpy	2.5	2.5	530	72.8	47.5	42.0	100.0	34.0	25.0
UERV 3000LH	Enthalpy	0.5	2.5	510	54.6	35.6	31.5	75.0	25.5	18.8
UERV 3000HL	Enthalpy	2.5	0.5	510	54.6	35.6	31.5	75.0	25.5	18.8
UHRV 3000LL	Sensible	0.5	0.5	490	36.4	23.7	21.0	50.0	17.0	12.5
UHRV 3000HH	Sensible	2.5	2.5	530	72.8	47.5	42.0	100.0	34.0	25.0
UHRV 3000LH	Sensible	0.5	2.5	510	54.6	35.6	31.5	75.0	25.5	18.8
UHRV 3000HL	Sensible	2.5	0.5	510	54.6	35.6	31.5	75.0	25.5	18.8

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

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