



EnergyWall U-ERV VERTICAL WITH HOOD - TOP MOUNTED

U-ERV: DIMENSION DATA					
MODEL	U-ERV-600	U-ERV-1200	U-ERV-1800	U-ERV-2400	U-ERV-3000
A- NO HOOD (IN)	12	24.13	36.25	48.38	60.5
A- W/ HOOD (IN)	13.19	25.32	37.44	49.57	61.69
A- W/ HOOD & DAMPER	13.19	25.32	37.44	49.57	61.69
B- NO HOOD (IN)	58.25	58.25	58.25	58.25	58.25
B- W/ HOOD (IN)	71.13	71.13	71.13	71.13	71.13
B- W/ HOOD & DAMPER	96.68	96.68	96.68	96.68	96.68
C- NO HOOD (IN)	1	1	1	1	1
C- W/ HOOD (IN)	26	26	26	26	26
C- W/ HOOD & DAMPER	31	31	31	31	31
D- NO HOOD (IN)	56.5	56.5	56.5	56.5	56.5
D- W/ HOOD (IN)	72.63	72.63	72.63	72.63	72.63
D- W/ HOOD & DAMPER	72.63	72.63	72.63	72.63	72.63
DUCT DIMENSIONS (IN)	12.13X12.13	24.25X12.13	36.38X12.13	48.5X12.13	60.63X12.13

U-ERV: PERFORMANCE DATA					
MODEL	U-ERV-600	U-ERV-1200	U-ERV-1800	U-ERV-2400	U-ERV-3000
CFM RANGE	75-700	150-1400	225-2100	300-2800	375-3500
EXTERNAL STATIC	Up to 2" w.c.	Up to 2" w.c.	Up to 2" w.c.	Up to 2" w.c.	Up to 2" w.c.
SENSIBLE EFFICIENCY	73	73	73	73	73
LATENT EFFICIENCY	63	63	63	63	63
TOTAL EFFICIENCY	69	69	69	69	69

U-ERV: UNIT DATA					
MODEL	U-ERV-600	U-ERV-1200	U-ERV-1800	U-ERV-2400	U-ERV-3000
FAN QUANTITY	2	4	6	8	10
VOLTAGE	208-277VAC	208-277VAC	208-277VAC	208-277VAC	208-277VAC
PHASE	1	1	3	3	3
FREQUENCY (HZ)	50/60	50/60	50/60	50/60	50/60
MCA (A)	8.3	15.1	13.3	20.2	27
MOP (A)	15	20	15	25	30
WEIGHT (LBS)*	96.0	187.0	278.0	369.0	460.0
WEIGHT- W/ HOOD (LBS)*	120	223	326	442	548
WEIGHT- W/ HOOD & DAMPER (LBS)*	144	270	395	536	664

*SEE NOTES

OPTIONAL STANDARD HOOD

CORROSION PROOF, DOUBLE WALL, POLYPROPYLENE EXTERIOR CASING

INDOOR OR OUTDOOR MOUNTING CAPABILITIES

ECM EXHAUST FAN CUBE 1 PER UNIT

OPTIONAL HOOD WITH ACOUSTIC LINING

ECM SUPPLY FAN 1 PER UNIT

REMOVABLE ACCESS PANELS

FACTORY INSTALLED NON-FUSED DISCONNECT

OVERALL SYSTEM LENGTH (A)

OVERALL SYSTEM WIDTH (D)

OVERALL HEIGHT (B)

3/4" NPS POWER/CONTROL CONNECTIONS, 2 PORTS

14 1/8"

7/8"

3"

15 1/2"

1" TYP. FLANGE FOR DUCT, FAN, & HOOD MOUNTING

21" FILTER CLEARANCE

12"

8"

26 11/16"

21" FILTER CLEARANCE

NOTES:

- U-ERV-1800 MODEL SHOWN IN DRAWING, THIS IS COMPRISED OF (3) U-ERV-600 UNITS.
- FAN CUBE WEIGHT NOT INCLUDED IN TABLE, ASSUME 20 LBS PER FAN CUBE
- OPTIONAL FEATURES (NOT SHOWN IN DRAWING) INCLUDE:
 - ROTARY FACE AND BYPASS DAMPER
 - MERV 11/15 SUPPLY FILTER
- FAN TYPES, FILTER CLEARANCES, AND FAN LOCATIONS ARE CONFIGURABLE AND LOCATIONS ARE SUBJECT TO CHANGE BASED ON SPECIFIC PROJECT REQUIREMENTS

TOLERANCES AS FOLLOWS

X.X ± .1

X.XX ± .03

X.XXX ± .005

X° ± .5°

APPROVED

CHECKED

DRAWN Manny Esteves 2/9/2021

PROJECT

SUBMITTAL DRAWING

TITLE

U-ERV VERTICAL ORIENTATION WITH HOOD- TOP MOUNTED

PART NUMBER

N/A

SIZE B

CODE

DWG NO N/A

REV 0

SCALE .0475

SHEET 1 OF 1