

## NU600ERV PRODUCT INFORMATION SHEET

### CORE

Enthalpy crossflow core. Nu-Air part #EC1720A.  
Dimensions: 17.5"L x 17.5"W x 21"H".

### ELECTRICAL

115Volt, 60Hz. Single point power connection.  
Unit FLA: 4.4 Amps MCA: 5.5 Amps MOC: 15 Amps

### MOTORS

Fractional 2 speed PSC motors. 1275 RPM. Nu-Air Part #50104. Independent speed adjustment of either supply or exhaust motor in both high and low speed.

### BLOWERS

Two forward curve, dual inlet fans using permanently sealed bearings.

### CABINET

The case is constructed of .050 pre-painted white aluminum that is fully insulated with 1" foil faced fiberglass insulation.  
Drain connections: 1/2"(2). Nu-Air drain fitting part #50362.  
Cabinet Dimensions: 42"L x 30"H x 23"W.  
Duct connections: 14" x 8".

### CONFIGURATION

Available in standard 'A' or reverse 'E' configuration. See drawings.

### ELECTRONICS

Integrated microprocessor. Built in interlock contacts.  
24V circuit protection with self resetting fuse.  
12VDC and/or 24V connection for remote control with mechanical switch or any Nu-Air control.

### DEFROST OPTIONS

Model **NU600FL** – Supply fan shuts down while exhaust air defrosts core.  
Model **NU600DL** – Bypass damper routes indoor air to defrost core.

**WEIGHT** – 170lbs/77.3kg **SHIPPING WEIGHT** – 190lbs/86.2kg

### FILTERS

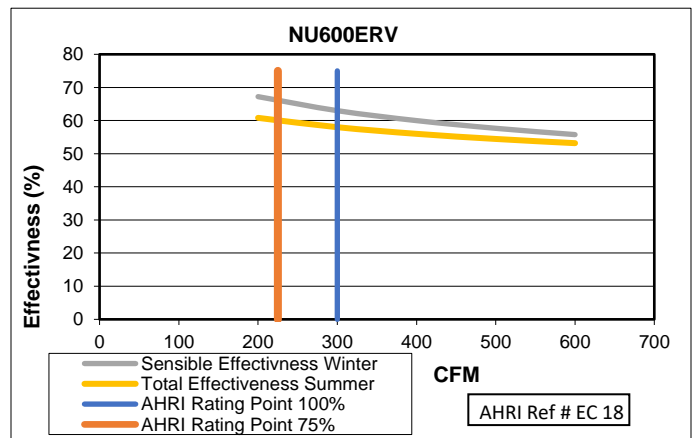
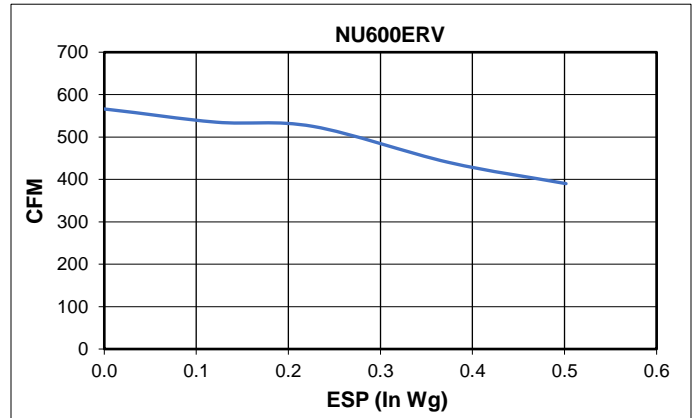
2 Filters @ 16" x 20" x 1".  
1" pleated MERV8 filters in supply and exhaust airstreams.  
MERV13 filter upgrade available upon request.

Filter	Type	Part #	Qty
MERV8	1" Pleated	50162	2
MERV13	1" Pleated	50807	2

### NOMENCLATURE EXAMPLE

MODEL	NU600	-	A	-	F	-	L	-	A	-	1	-	1	-	8
	CONFIGURATION														
	A – Standard														
	E – Reverse														
	DEFROST														
	F – Fan Shut-Down														
	D – Damper Circulation														
	RECOVERY CORE														
	P – Polypropylene (HRV)														
	L – Latent (ERV)														
	END SWITCH/INTERLOCK														
	24 VAC DIRTY FILTER CONTACT														
	0 – No														
	1 – Yes														
	CABINET														
	A – Aluminum														

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### CONTROL OPTIONS

#### 12 VDC controls available

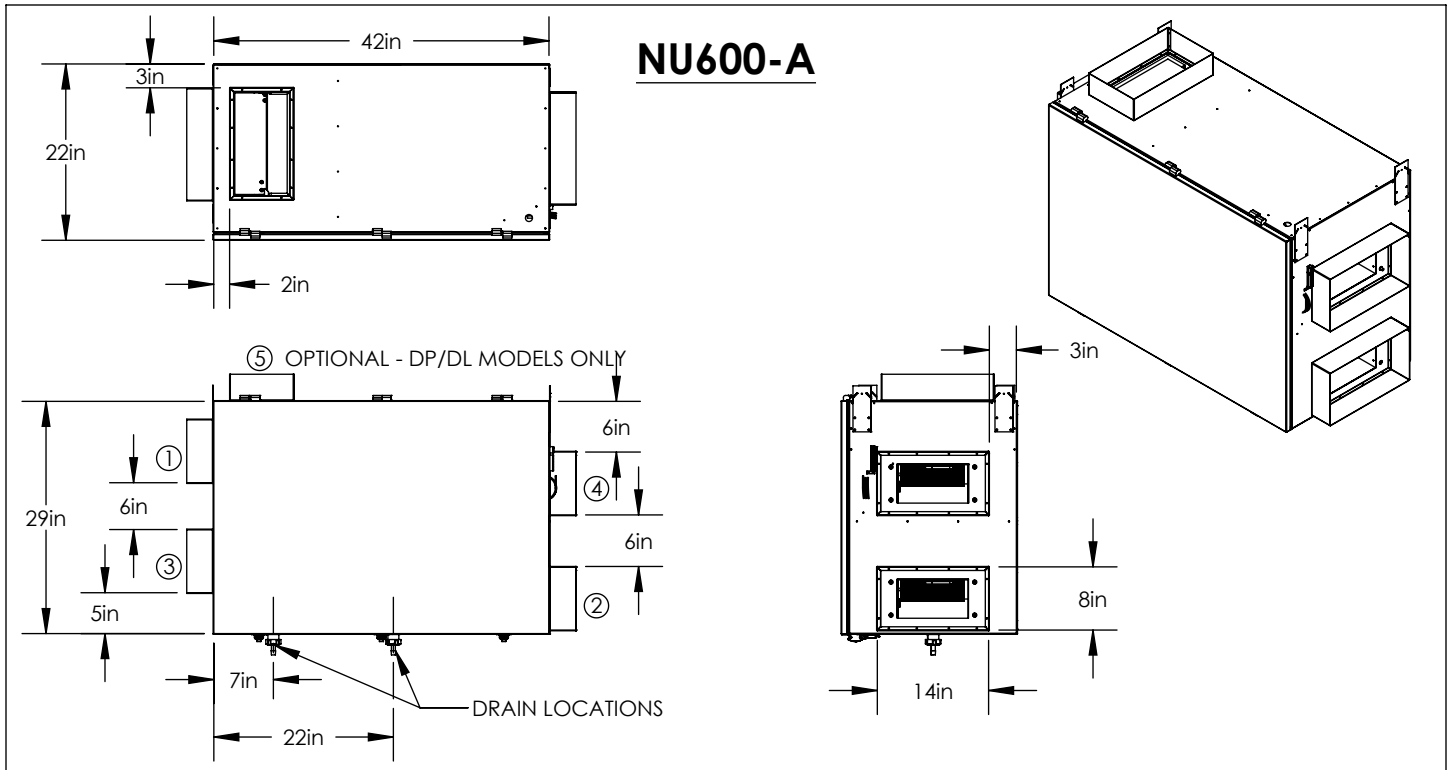
**Lumina (NAV-561)** – Digital wall mounted control c/w Dehumidistat, timer functions & filter change indicator

#### 24 V controls available

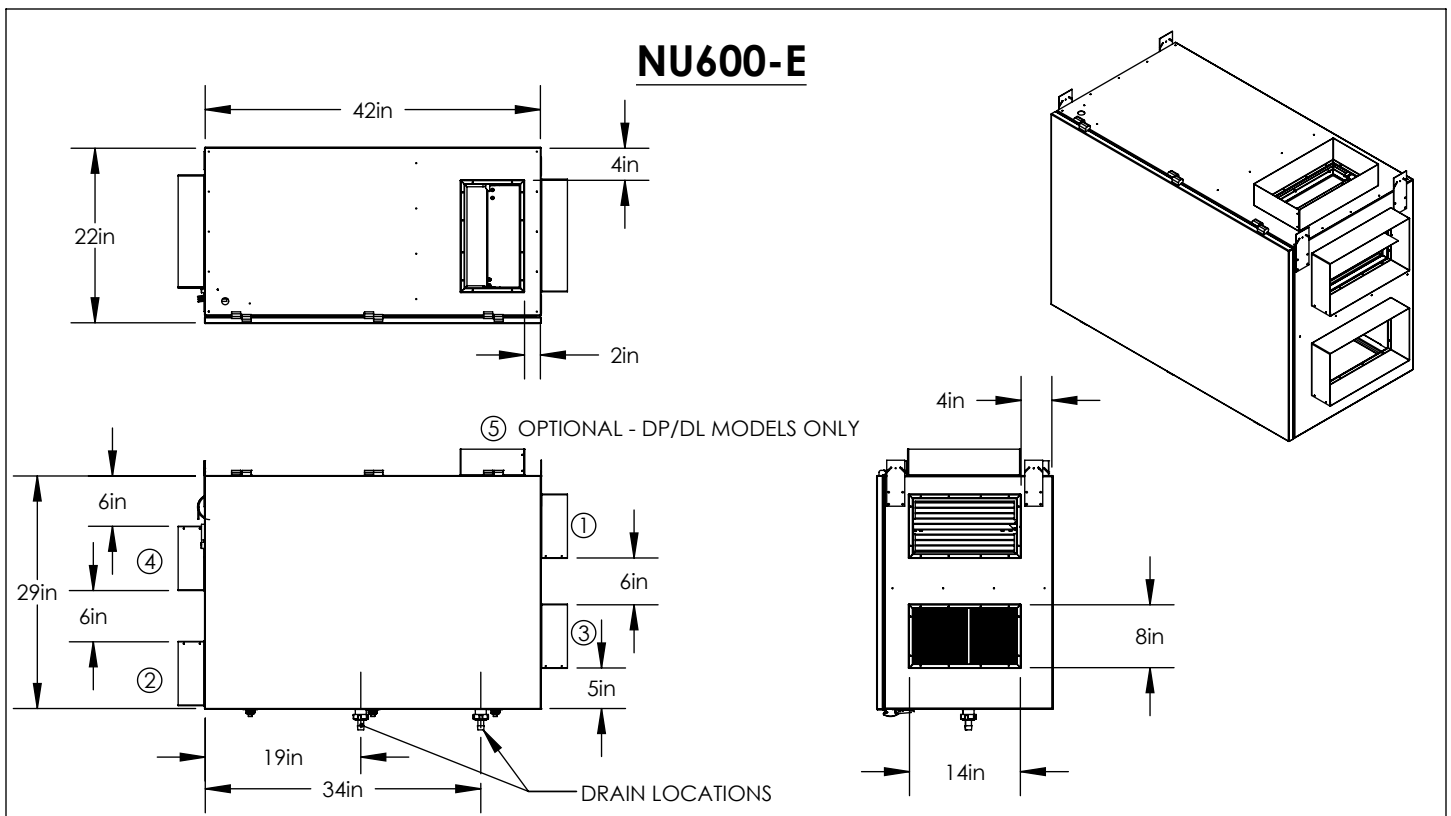
**NAV-460** – 20/40/60 minute timer  
**Dstat-1** – Humidity control  
**WIN-1** – Humidity control c/w Off/Standby/Continuous/Intermittent  
**WIN-20** – 20 minute push button timer (up to 6 per unit)  
**Any dry contact switch** – By Others

**WARRANTY** – Provided installation is in accordance with instruction, 5 year warranty on the ERV core and a 2 year warranty on replacement parts.

# NU600 CONFIGURATION DRAWINGS



1 - OUTSIDE AIR / FRESH AIR FROM OUTSIDE	2 - SUPPLY AIR / FRESH AIR TO SPACE	3 - RETURN AIR / EXHAUST AIR FROM SPACE	4 - EXHAUST AIR / EXHAUST AIR TO OUTSIDE	5 - DEFROST AIR (OPTIONAL - DP/DL MODELS ONLY)
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In the interest of product improvement, Nu-Air reserves the right to change specifications without notice.