

# NU1600ERV PRODUCT INFORMATION SHEET

## CORE

Enthalpy crossflow core. 2 sections.  
Nu-Air part #EC2314A.  
Dimensions: 24" L x 24" W x 28" H.

## ELECTRICAL

208-230 Volt, 60Hz. Single point power connection.  
Unit FLA: 13 Amps MCA: 16.3 Amps MOCP: 25 Amps  
Factory installed disconnect available upon request.

## MOTORS

2 x 1HP 2 speed PSC motors. 1075 RPM. Nu-Air Part #50590.

## BLOWERS

2 x DWDI direct drive blowers. Nu-Air Part #50122.

## CABINET

The case is constructed of 22 Ga galvanized steel that is fully insulated with 1" foil faced fiberglass insulation.  
Pre-painted white aluminum finish upgrade available upon request. Drain connections: 1/2"(2). Nu-Air drain fitting part #50362.  
Cabinet Dimensions: 64" L x 38" H x 30" W.  
Duct connections: 20" x 10".

## CONFIGURATION

Available in standard 'C' or reverse 'G' 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 **NU1600FL** – Supply fan shuts down while exhaust air defrosts core.  
Model **NU1600DL** – Bypass damper routes indoor air to defrost core.

**WEIGHT** – 355lbs/161kg

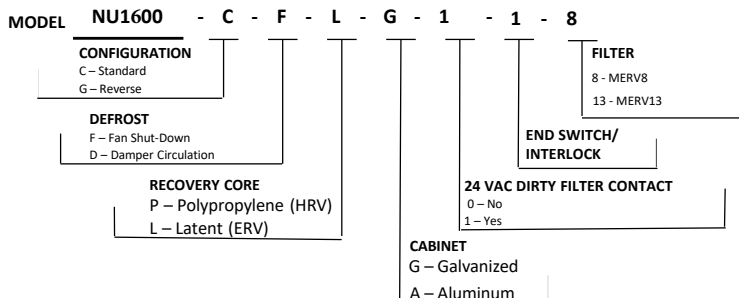
**SHIPPING WEIGHT** – 405lbs/183.7kg

## FILTERS

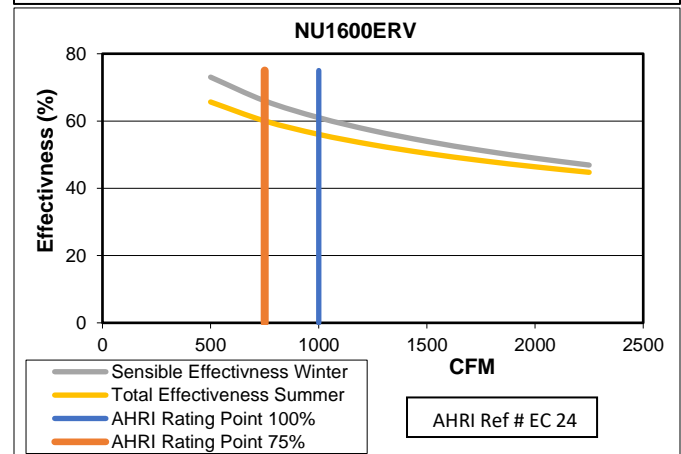
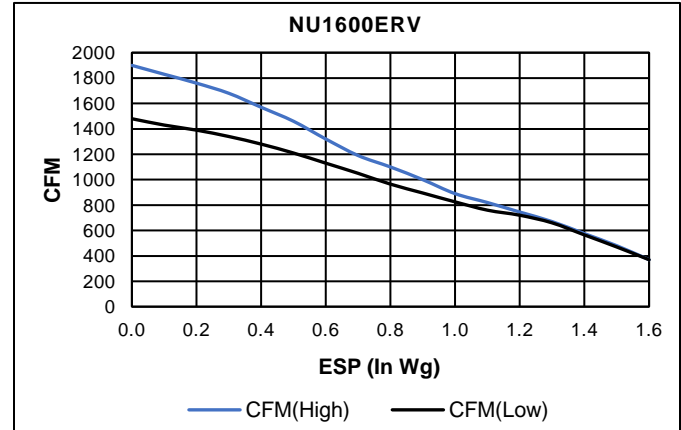
2 Filters @ 12" x 24" x 1" & 2 Filters @ 16" x 24" x 1".  
1" pleated MERV8 filters in supply and exhaust airstreams.  
MERV13 filter upgrade available upon request.  
Dirty filter contacts available upon request.

Filter	Type	Part #'s	Qty
MERV8	1" Pleated	50016 & 50410	2 Each
MERV13	1" Pleated	50809 & 50808	2 Each

## NOMENCLATURE EXAMPLE



Distributed by:



## CONTROL OPTIONS

### 12VDC controls available

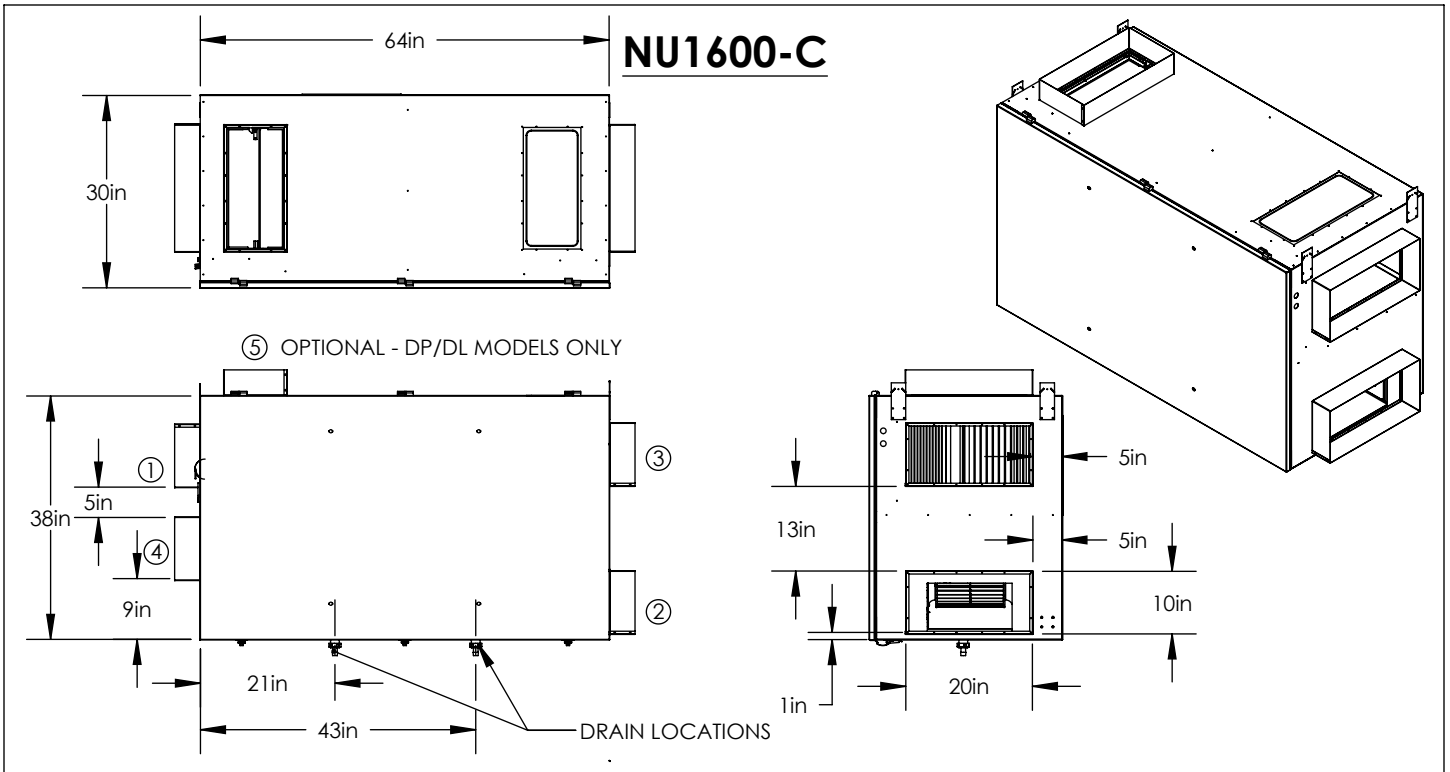
**Lumina (NAV-561)** – Digital wall mounted control c/w Dehumidistat, timer functions & filter change indicator

### 24 V controls available

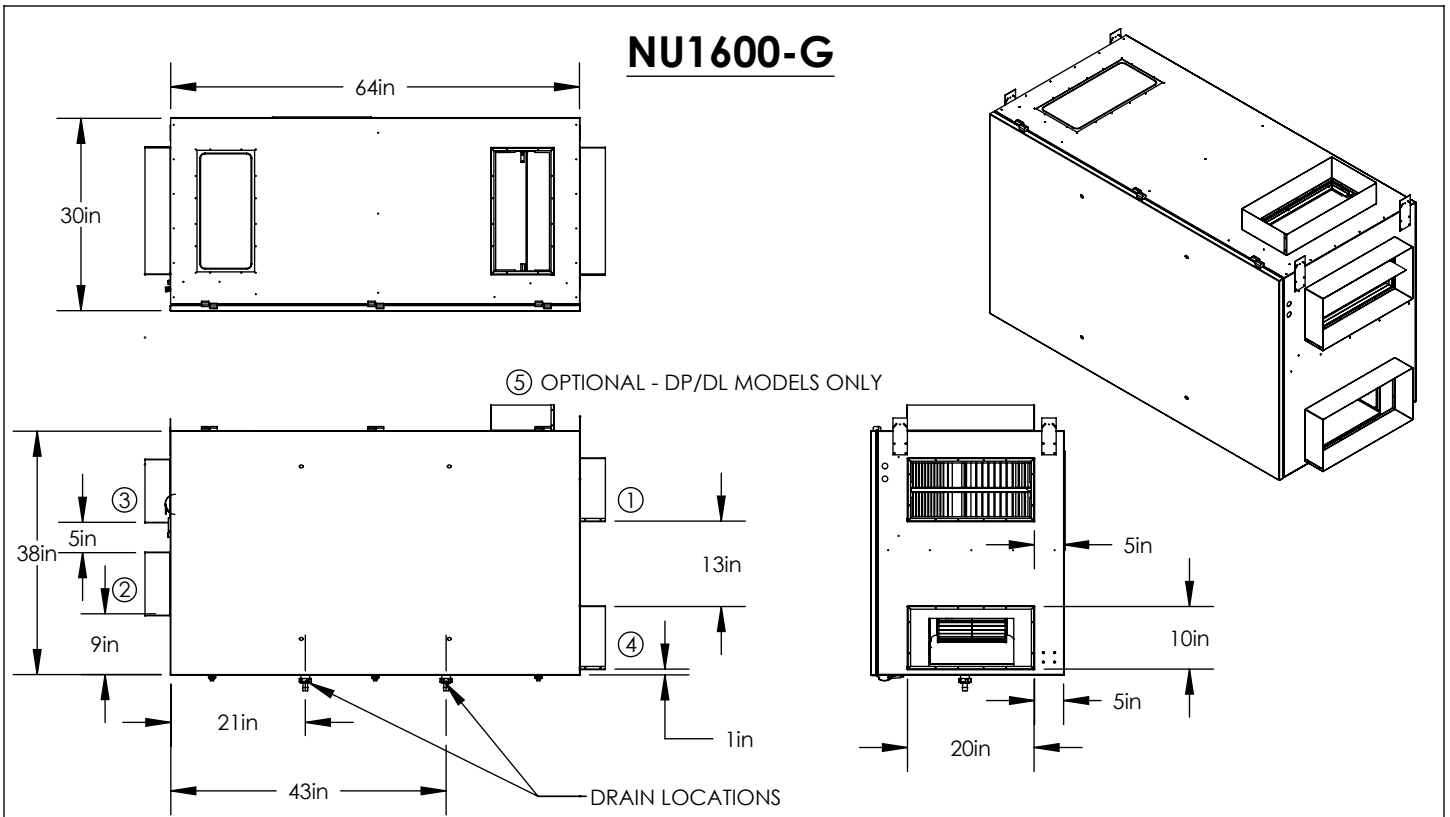
**NAV-460** - 20/40/60 minute timer  
**Dstat-1** - Humidity control  
**VIN-1** – Humidity control c/w Off/Standby/Continuous/Intermittent  
**VIN-20** – 20 minute push button timer (up to 6 per unit)  
 Any dry contact switch – By Others

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

# NU1600 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.