

# NU305HRV PRODUCT INFORMATION SHEET

## CORE

Polypropylene crossflow core. Nu-Air part #PC1414A. Dimensions: 14" L x 14" W x 14" H.

## ELECTRICAL

115Volt, 60Hz, 170Watts. Supplied with 4FT power cord. Unit FLA: 1.9 Amps MCA: 1.9 Amps MOCP: 15

## MOTORS

Fractional 2 speed PSC motors. 1275RPM. 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 fibreglass insulation. Drain connections are 1/2"(2). Nu-Air drain fitting part #50362. Cabinet Dimensions: 36" L x 23" H x 17" W. Duct Connection Size: 8" Oval.

## 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 **NU305FP** – Supply fan shuts down while exhaust air defrosts core.  
Model **NU305DP** – Bypass damper routes indoor air to defrost core.

**WEIGHT** – 50lbs/23kg

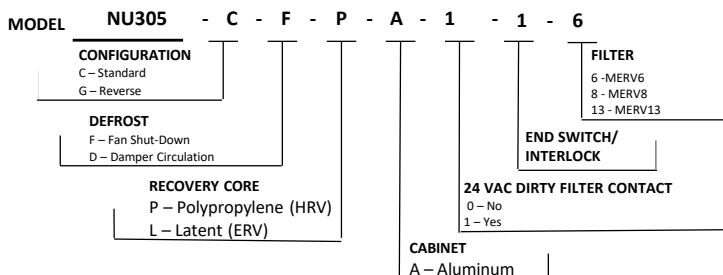
**SHIPPING WEIGHT** – 70lbs/32kg

## FILTERS

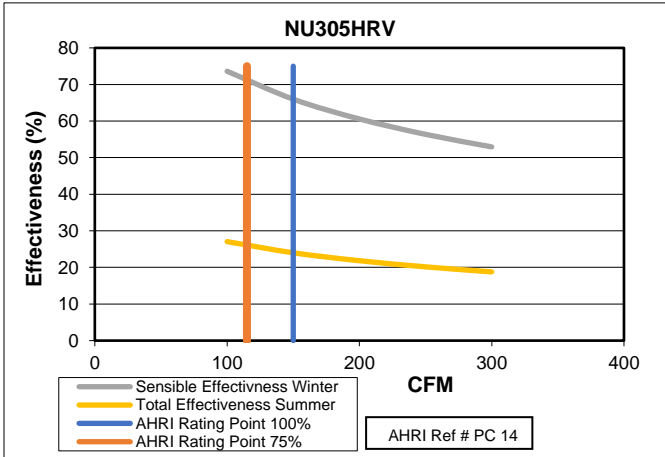
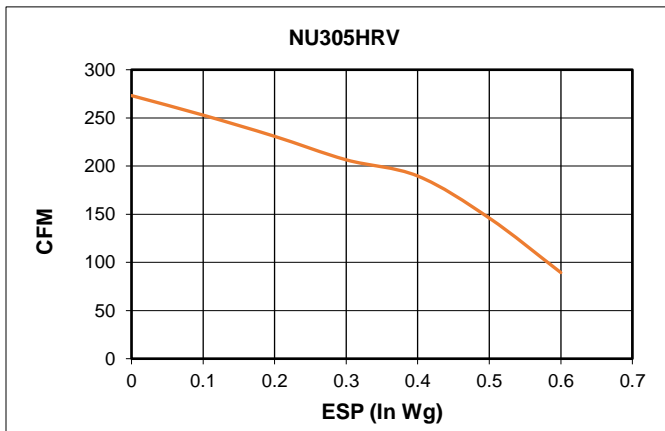
2 Filters @ 13.5" x 14". Washable MERV6 mesh filters in supply and exhaust airstreams. 1" pleated MERV8 or MERV13 filter upgrade available upon request.

Filter	Type	Part #	Qty
MERV6	½" Polyester Mesh	50938	1 Set
MERV8	1" Pleated	50810	2
MERV13	1" Pleated	50811	2

## NOMENCLATURE EXAMPLE



**Distributed by:**



### CONTROL OPTIONS

**12 VDC controls available**

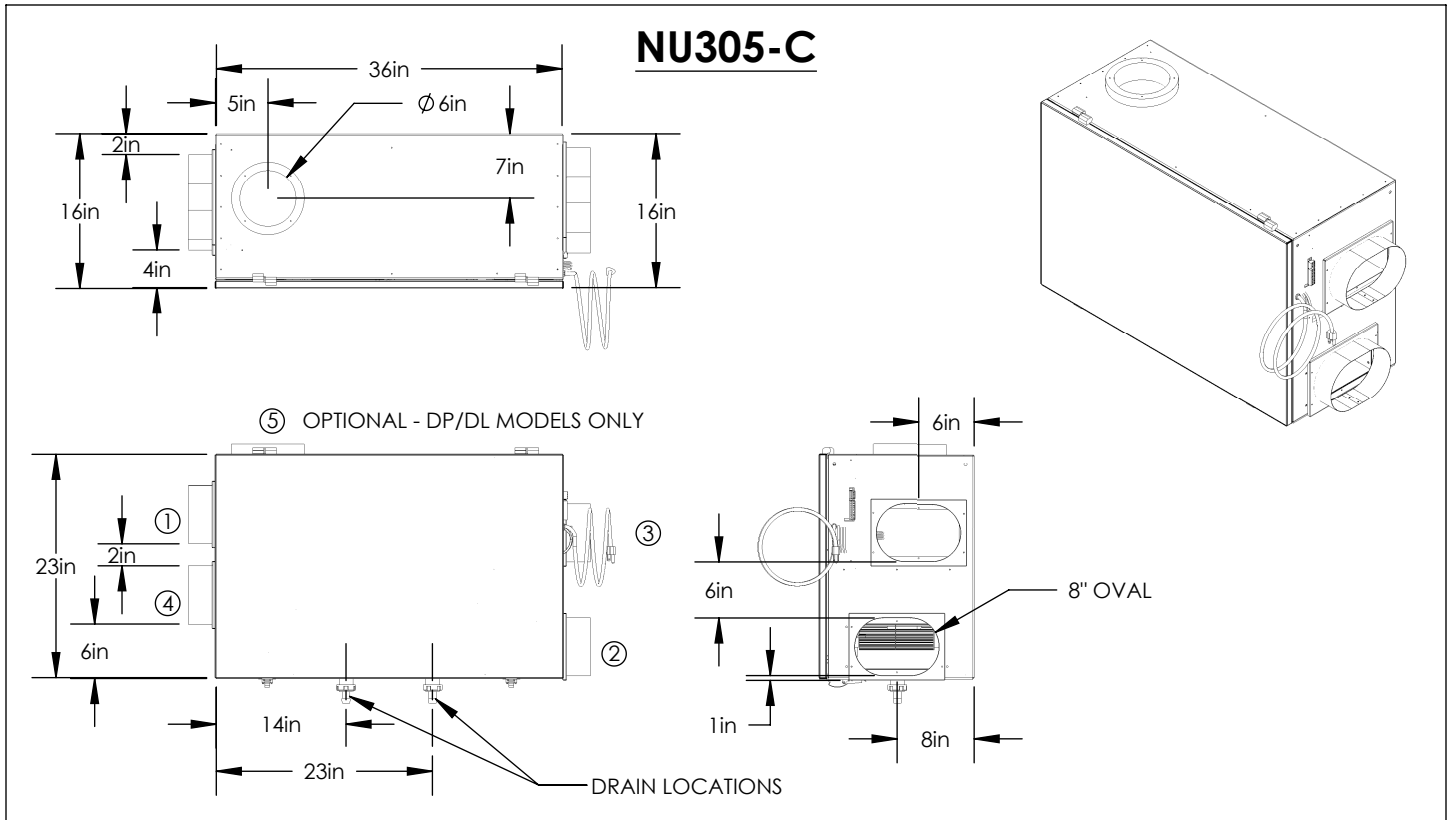
**Lumina (NAV-561)** - Digital wall mounted control c/w Dehumidistat, timer functions & filter change indicator

**24 V controls available**

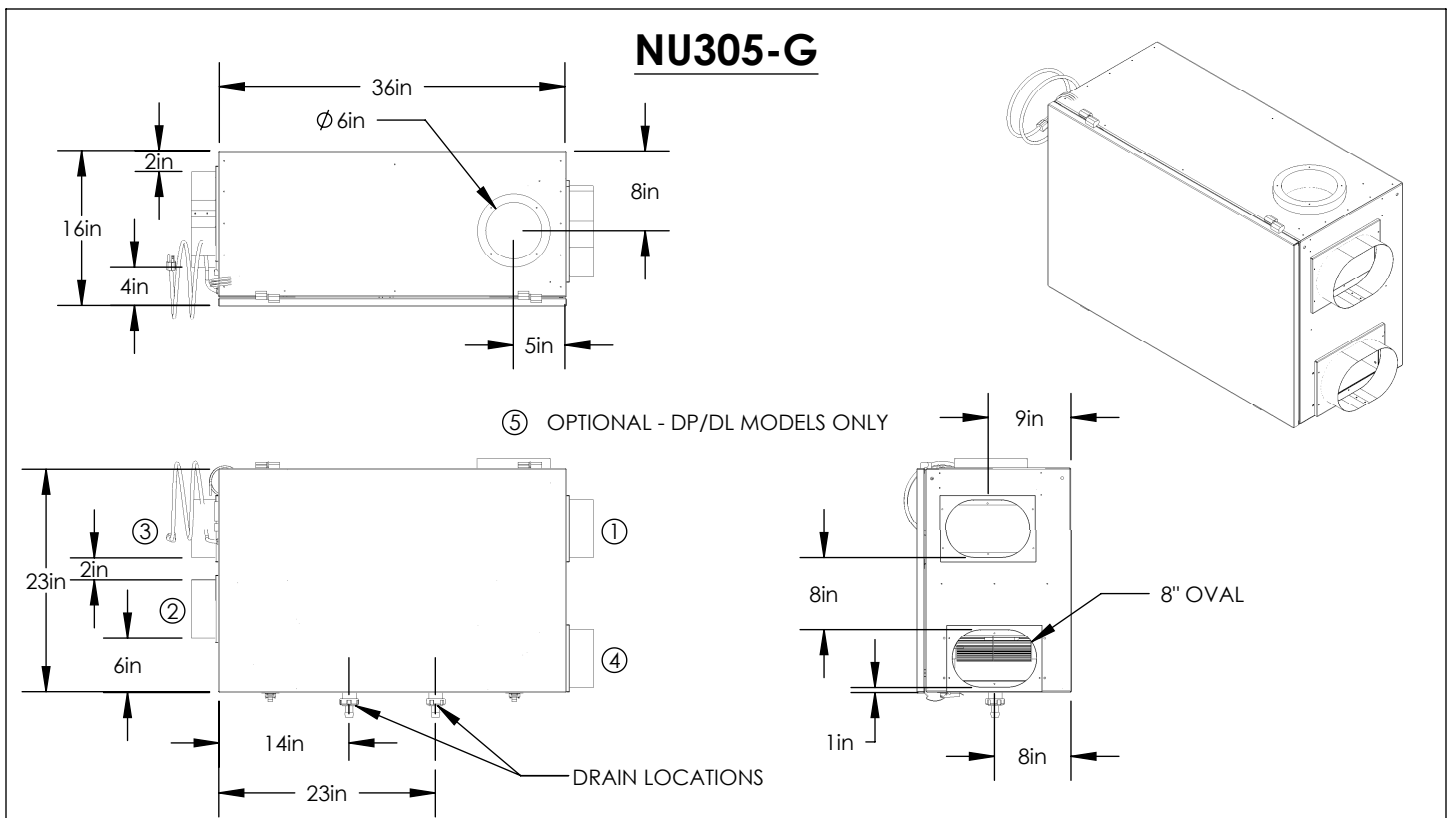
**NAV-460** - 20/40/60 minute timer  
**Dstat-1** - Humidity control  
**WIN-1** - Humidity control c/w Off/Standby/Continuous/Intermittent  
**WIN-20** - 20 minute push button timer (up to 6 per unit)  
**Any dry contact switch** – By Others

**WARRANTY** - Provided installation is in accordance with instruction, 15 year warranty on the HRV core and a 2 year warranty on replacement parts.

# NU305 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.