

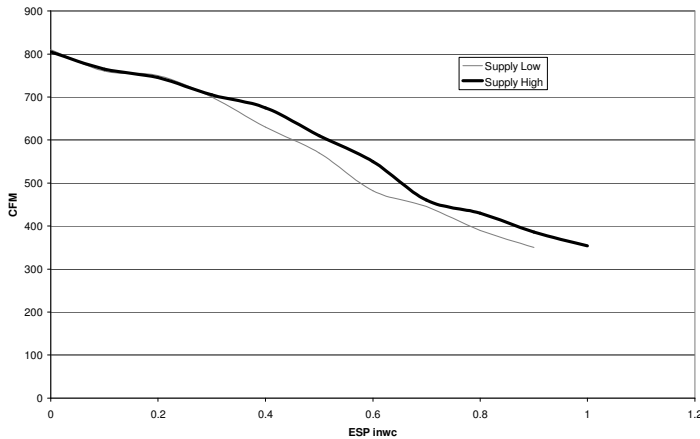
NU-AIR

VENTILATION SYSTEMS INC.

MANUFACTURER OF HEAT AND ENERGY RECOVERY VENTILATORS

NU800 PRODUCT INFORMATION SHEET

NU800 POLY CORE



CABINET: 20 ga galvanized steel, with 1" foil faced fibreglass insulation. Painted finish optional.

HEAT EXCHANGER CORE: Polypropylene - Standard, Plate or enthalpy core optional.

BLOWERS: DWDI Direct drive

DEFROST METHOD:

Damper Defrost - Outside air temperature is continuously monitored. When below freezing, a timed defrost cycle is activated. A damper closes the fresh air from outside port and opens a fifth port which brings warm air through the core for a predefined time cycle. Following this the HRV runs normally for 36 minutes. The cycle is repeated until the outdoor air rises above 7 °C (45 °F).

Fan shut down defrost - The exhaust air after the core is monitored. When below freezing, a temperature defrost cycle is activated. The supply fan shuts down while the exhaust fan continues to move warm air through the core. When the exhaust air rises above 7 °C (45 °F) the HRV reverts to exchange mode.

ADDITIONAL FEATURES:

- Connection for remote crank timers
- Connection for standard dehumidistat
- Drain and hanger kit included
- 115 V single point internal connection
- 1" pleated filters, 30%-40% ASHRAE dust spot efficiency - STANDARD

CUSTOMIZATION:

If an application requires a door or ports to be located differently, simply specify the configuration at the time of ordering. Custom controls, temperature and gas sensors, and heating coils (hydronic or electric) are all available.

WARRANTY: Subject to applicable consumer protection legislation Nu-Air Ventilation Systems Inc. warrants that the unit will be free from defective materials and workmanship for a period of two (2) years provided installation is in accordance with the instructions. 15 year warranty on plastic and aluminum cores, and one (1) year for enthalpy cores.

Note: Nu-Air reserves the right to change specifications without notice.

NU800	
AIR FLOW	630 cfm @0.4 in. w.c. 296 l/s @ 100 Pa
DUCT SIZE (W x H)	14 x 8 in. 356 x 203 mm
CORE SIZE (L x W)	17.5 x 17.5 x 21 in. 444 x 444 x 635 mm
CABINET SIZE (L x H x D)	54 x 30 x 23 in. 1372 x 762 x 659 mm
BLOWERS	G9DD
DWDI DD	
HORSE POWER	1/3
PSC Motor	5 µf
VOLTS	115
TOTAL F.L. AMPS	12.4
RPM/SPEEDS	1075/2
Temperature	67-78 %
Effectiveness - Alum	
Temperature	59-72 %
Effectiveness - Poly	