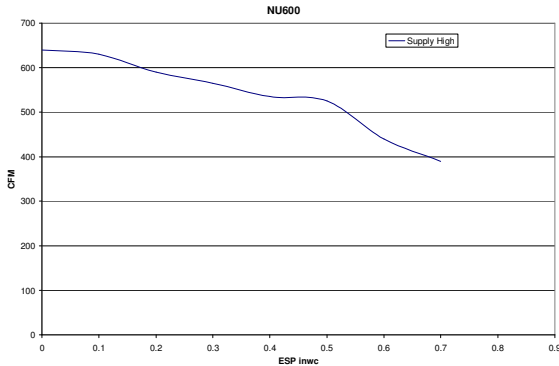


NU-AIR

VENTILATION SYSTEMS INC.

MANUFACTURER OF HEAT AND ENERGY RECOVERY VENTILATORS

NU600 PRODUCT INFORMATION SHEET



CABINET: .050 Ga white aluminum finish with 1" foil faced fibreglass insulation.

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

BLOWERS: Forward Curve Dual Inlet Centrifugal Blower

DEFROST METHOD:

Damper Defrost - Outdoor 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 0 °C (32 °F).

Fan shut down defrost - Outdoor air temperature is continuously monitored. When below freezing, a timed defrost cycle is activated. The supply fan shuts down for a predefined time cycle while the exhaust fan continues to move warm air through the core. Following this the HRV runs normally for 20 minutes. The cycle is repeated until the outdoor air rises above 0 °C (32 °F).

ADDITIONAL FEATURES:

- Microprocessor based fuzzy logic
- Optional internal dehumidistat
- 24 V connection for remote 20 minute timer (Max. 6), continuous/intermittent/off switching, remote dehumidistat or other sensors
- Built in furnace interlock relay commands furnace blower or other devices when HRV is on
- Selectable Arctic Defrost Mode for -30°C (-22°F) and colder
- Low speed adjustment range approximately 40-70% of high speed
- 24V circuit protection with self resetting fuse
- Drain and hanger kit included
- 1" pleated filters, 30%-40% ASHRAE dust spot efficiency - STANDARD

NU600	
AIR FLOW	535 cfm @ 0.4 in. w.c. 252 l/s @ 100 Pa
DUCT SIZE (W x H)	14 x 8 in. 356 x 203 mm
CORE SIZE (Lx W x D)	17.5 x 17.5 x 21 in. 444 x 444 x 635 mm
CABINET SIZE (L x H x D)	42 x 30 x 23 in. 1067 x 762 x 584 mm
BLOWERS	RF4C
WATTS	500
VOLTS	115
Total F.L. Amps	4.5
RPM/SPEEDS	1275/2 speed
TEMPERATURE EFFECTIVENESS	83 - 86 % ALUMINUM CORE
TEMPERATURE EFFECTIVENESS	62 - 75 % POLY CORE

CUSTOMIZATION:

- If an application requires a door or ports to be located differently, simply specify the configuration at the time of ordering.
- Heating coils, hydronic or electric are 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.