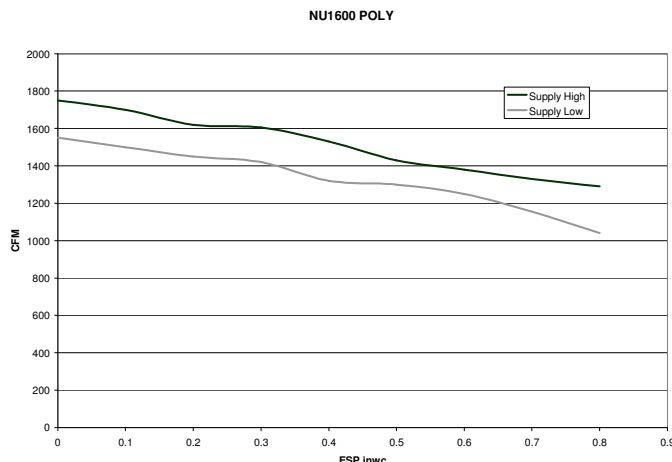


# NU-AIR

## VENTILATION SYSTEMS INC.

MANUFACTURER OF HEAT & ENERGY RECOVERY VENTILATORS

### NU1600 PRODUCT INFORMATION SHEET



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

**HEAT EXCHANGER CORE:** Polypropylene - **Standard** or enthalpy core – optional.

**BLOWERS:** DWDI Direct drive

**Poly Core Fan Curve**

Consult manufacturer for other core curves.

**DEFROST METHOD:**

**Fan shut down defrost** - The exhaust air after the core is monitored. When below freezing, a 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 24V remote controls
- Connection for 2X605 Two speed switch.
- Drain and hanger kit included
- 208-230 V single point internal connection
- 1" pleated filters, 30%-40% ASHRAE dust spot efficiency – STANDARD
- Two section core for easy removal & cleaning

**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 one (1) year for enthalpy cores.

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

NU-1600	
AIR FLOW	1530cfm @ 0.4 in. w.c. 719 l/s @ 100Pa
DUCT SIZE W x H	20 x 10 in. 508 x 254 mm
CORE SIZE L x W	24 x 24 x 28 in. 607 x 607 x 711 mm
CABINET SIZE (LxHxD)	64 X 38 X30
BLOWERS (FORWARD CURVE DIRECT DRIVE)	GT12-10
PSC	20 µf
HORSE POWER	1.0
VOLTS	208-230
AMPS	12
RPM/SPEEDS	1075/2
TEMPERATURE EFFECTIVENESS (Poly)	65% (estimated)