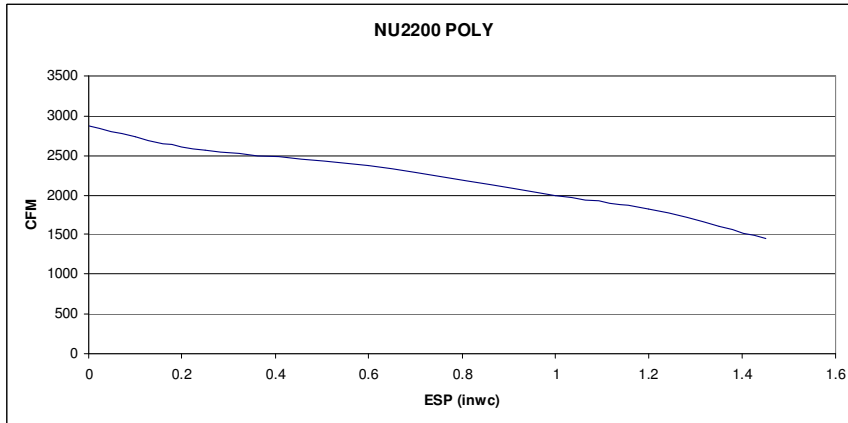


NU2200 HRV PRODUCT INFORMATION SHEET



CABINET: .22 ga galvanized steel with 1” foil faced fiberglass insulation. .050 pre-painted white aluminum finish optional.

HEAT EXCHANGER CORE: Polypropylene core – standard.

BLOWERS: FC DWDI 810 belt-drive.

CERTIFICATION: Entella to model code CSA SPE-1000, AHRI 1060.

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:

- Local non-fused disconnect
- Local On-Off (single speed)
- Split motor pulley for field adjustment of fan rpm
- Drain 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
- Base rail complete with tripping brackets

CUSTOMIZATION

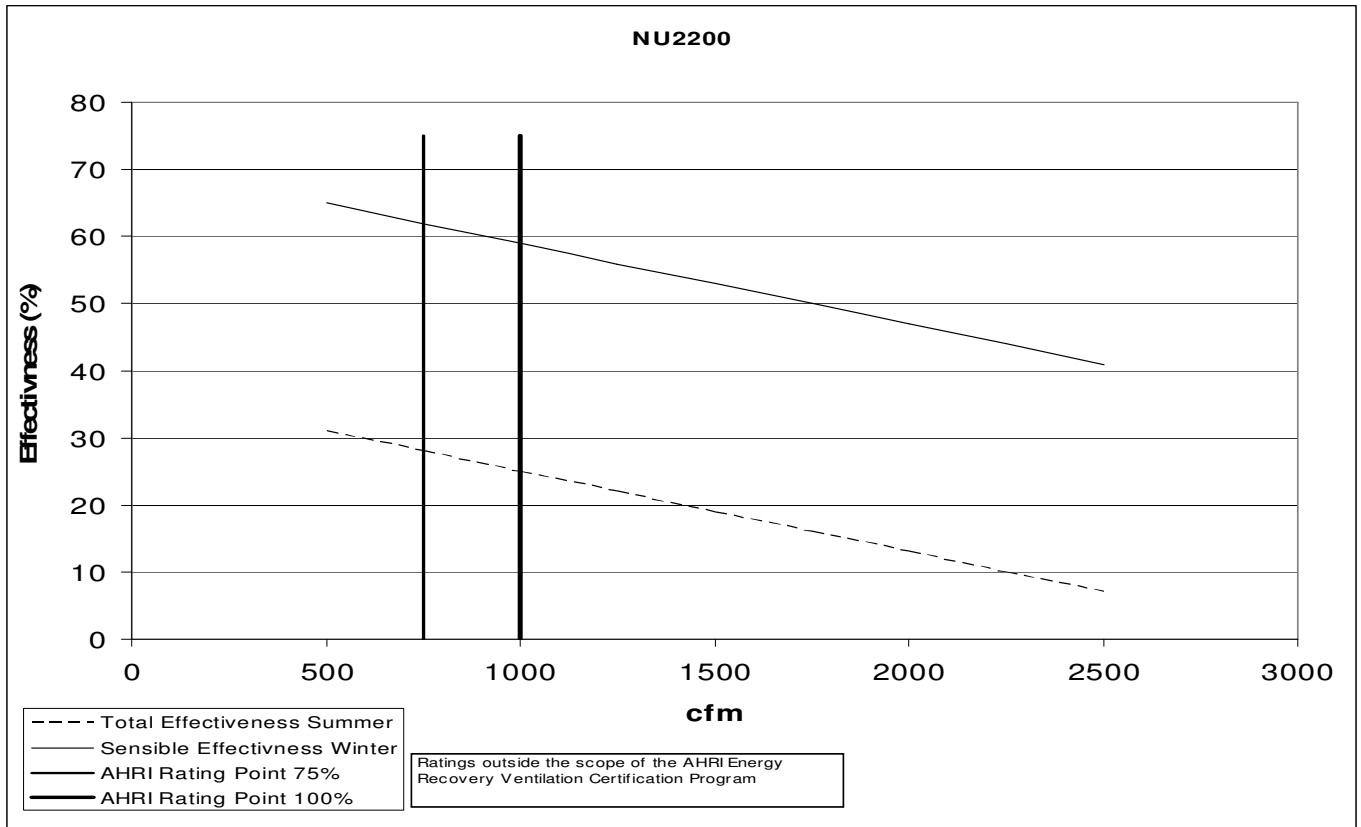
Optional reverse-door configuration.

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. There is a 15-year warranty on plastic cores, and a 5-year warranty for polymer enthalpy cores.

NU2200 HRV	
AIR FLOW	2000cfm @ 1.0 in. w.c. 1020 l/s @ 250Pa
DUCT SIZE (W x H)	24 x 12 in. 610 x 305 mm
CORE SIZE (L x W)	24 x 24 x 28 in. 607 x 607 x 711 mm
CABINET SIZE (L x H x D)	64 X 38 X30
BLOWERS	810
Belts (2)	B36
HORSEPOWER	1.5
VOLTS: 1-Phase	208-230/1/60
VOLTS: 3-Phase	208/3/60
TOTAL FL AMPS: 1-Phase	16.8-16.4
TOTAL FL AMPS: 3-Phase	11.0
RPM/SPEEDS: 1-Phase	1725/1
RPM/SPEEDS: 3-Phase	1725/1

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

Revised May 6, 2010



Model no.	PC 24
Type	Plate
Nominal Air Flow (scfm)	500
Pressure drop (inches)	0.18



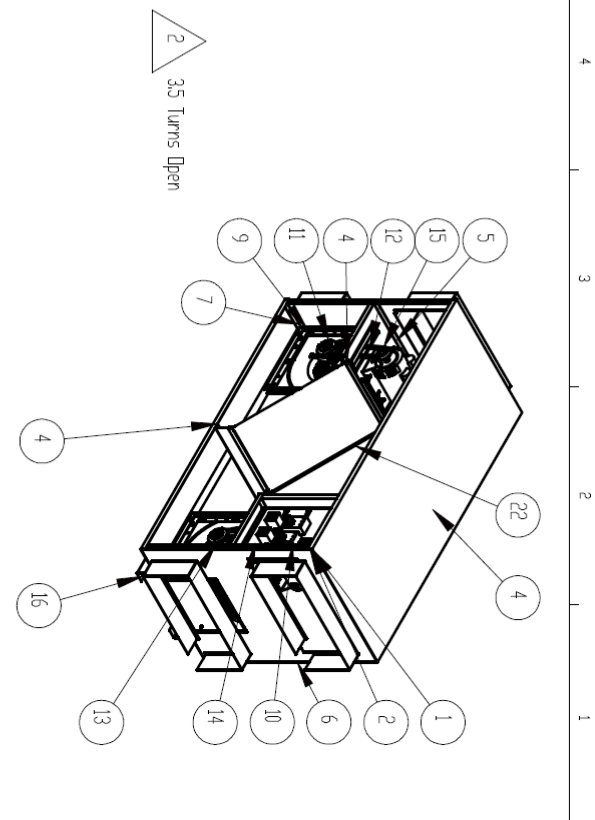
Energy recovery component is certified by AHRI to AHRI Standard 1060. Actual performance in packaged equipment may vary.

Leakage Ratings	Diff. Pressure	EATR %	OACF
Test 1	-0.5	0.00	1.00
Test 2	0	0.00	1.00
Test 3	0.5	0.00	1.00

Thermal Effectiveness Ratings at 0" Pressure Differential			
	Sensible	Latent	Total
100% air Flow Heating	59	0	38
75% air Flow Heating	62	0	42
100% air Flow cooling	60	0	25
75% air Flow Cooling	65	0	28
	Net Sensible	Net Latent	Net Total
100% air Flow Heating	59	0	38
75% air Flow Heating	62	0	42
100% air Flow cooling	60	0	25
75% air Flow Cooling	65	0	28

Revised May 6, 2010

ITEM NO.	PART NUMBER	DESCRIPTION	VENDOR	QTY.
1	70105	End wrap		2
2	70105	22 ga galv		1
3	70105	22 ga galv		1
4	70102	22 ga galv		1
5	70102	divider		1
6	70102	divider		1
7	70101	Roll		2
8	70101	24x24x28 Poly core		1
9	50071	810 BL DIVER ASSEMBLY	Delhi	2
10	50120	1.5 hp DDP 208-240/1.56H	GFRC	2
11	50125	blower pulley MB373-4	Delhi	2
12	50121	8500000 and bushing 8500062	Delhi	1
13	50121	B Belt	Delhi	1
14	50118	B Belt	Delhi	4
15	50123	Brush Seal		2
16	70104	Motor pulley NVL34X3 B-3L3	Delhi	2
17	70107	24x12 Collar		4
18	50129	Electrical Box Right		1
19	50128	dh rol		2
20	50015	Umron Contactor JYKN-10-10		2
21	50130	Umron B156 20 VA	Harmond	1
22	50017	Umron Circuit Breaker JYKN-12-10		2
		23.5x13.5x1 Pleated Filter		4



Electrical	208-240/1 VAC	FLA 16.8	1 phase	Standard
Construction	208/3	FLA 11.0	3 phase	Optional
	single wall	galv 20 ga	Foil Face Ins. R4	

PROPORTION AND DIMENSIONAL INFORMATION IS THE PROPERTY OF THE MANUFACTURER. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THE MANUFACTURER. IT IS TO BE USED FOR THE MANUFACTURE OF THE PARTS IDENTIFIED HEREIN. WITHOUT THE WRITTEN PERMISSION OF THE MANUFACTURER, NO OTHER USE IS PERMITTED.

UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES	TOLERANCES	FRACTIONAL ±	DECIMAL ±
± .005	± .005	± .005	± .005
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± .015	± .015	± .015	± .015
± .020	± .020	± .020	± .020
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