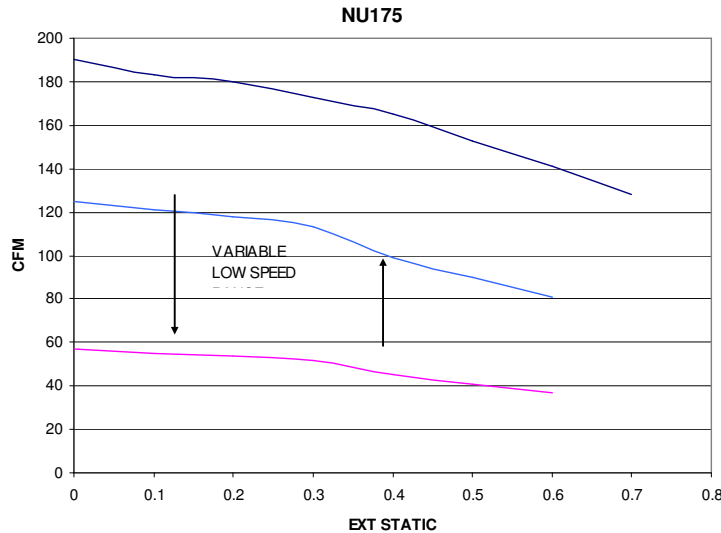


**NU175 PRODUCT INFORMATION SHEET**



**CABINET:** The case is constructed of 0.032 painted aluminum with a white enamel finish. The cabinet is fully insulated with 1” foil faced fiberglass insulation.

**HEAT EXCHANGER CORE:** The core is aluminum plate.

**BLOWERS:** Two backward curve impellers using PSC motors and permanently sealed bearings.

**CERTIFICATION:** HVI, CSA C22.2

**DEFROST:**

*Damper Defrost-* Outdoor air temperature is continuously monitored. When below freezing, a timed defrost cycle is activated. Warm air from a neutral space is exhausted 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).

**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
- Built in furnace interlock relay commands furnace blower 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

AIR FLOW	180 cfm @0.2 in. w.c. (68 l/s @ 50 Pa)
DUCT SIZE	6" Ø (150 mm Ø)
CORE SIZE (L x W x D)	11x11x14 in. 280x280x356mm
CABINET SIZE (L x H x D)	29x19x16 in. 737x483x406 mm
WATTS	180
VOLTS	115
EFFICIENCY*	72%

\*Apparent sensible effectiveness, 0 °C

**WARRANTY:**

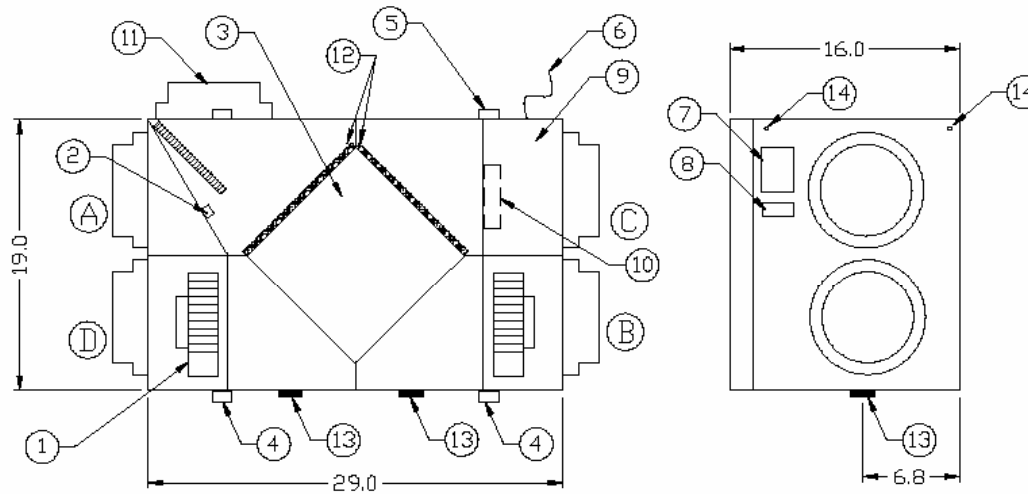
Subject to applicable consumer protection legislation Nu-Air Ventilation Systems Inc. warrants that the unit will be free from defective materials and workmanship for a period of five (5) years provided installation is in accordance with the instructions. Lifetime core warranty.

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

- (A) FROM OUTSIDE
- (B) TO SPACE
- (C) FROM SPACE
- (D) TO OUTSIDE

NOTES:

1. BACKWARD CURVE IMPELLER(2)
2. TEMPERATURE ACTIVATED DEFROST SWITCH
3. ALUMINUM HEAT EXCHANGER CORE
4. LATCH (2)
5. HINGE (2)
6. POWER CORD 4'
7. REMOTE CONNECTIONS
8. FURNACE INTERLOCK
9. ELECTRICAL BOX
10. OPTIONAL BUILT IN DEHUMIDISTAT
11. DEFROST DAMPER AND COLLAR
12. FILTERS (2) WASHABLE
13. 1/2" DRAINS
14. HANGER NUTSERTS



△	APPROVED FOR DISTRIBUTION	11/21/07	JWF
REV	DESCRIPTION	DATE	DRAWN
TITLE:			
NU-I75 SHOP DRAWING			
SIZE	DWG. NO.	REV	
A	10516	1	
SCALE: 1:1	SHEET 1 OF 1		

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN INCHES	
TOLERANCES	
FRACTIONAL	±
ANGULAR	MACH ± .00 ±
TWO PLACE DECIMAL	±
THREE PLACE DECIMAL	±
INTERPRET GEOMETRIC TOLERANCING PER:	
MATERIAL	NU-I75
FINISH	NEXT ASSY USED ON
APPLICATION	
DO NOT SCALE DRAWING	

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NU-AIR VENTILATION SYSTEMS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NU-AIR IS PROHIBITED.

NAME	DATE
JWF	11/2007
CHECKED	BKG
ENG APPR.	
MFG APPR.	
QA	
<b>NU-AIR VENTILATION</b>	
16 NELSON STREET	
WINDSOR, NOVA SCOTIA	
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Note: Nu-Air reserves the right to change specifications without notice.

Revised Nov. 23<sup>rd</sup>, 2007