

Introducing the Nu-Air EZ System!

Now Featured on ALL ES Series Units

- Hoisting and leveling the industry's lightest units just got easier with the **Nu-Air EZ Level** adjustable strap mounting system.
- Air flow measurements and balancing take even less time and equipment thanks to the **Nu-Air EZ Balance** system, featuring differential pressure measuring ports on all unit doors.



Work efficiently with the best standard features on the market

The EZ-est Install in the Business



ES100

- **Aluminum cabinet** is 30-60% lighter than competitive models.
- **Removable wiring blocks** make wiring simple and done safely from the floor.
- **Independent motor adjustment** means saved energy and reduced fan noise AND no mechanical dampers required.
- **Dual door construction** on most models allows maximum versatility, minimum SKUs and minimum effort when routing ducts.
- **Control flexibility** with 12 VDC or 24 VAC options.
- **Easy service** with readily accessible components.

Reliable Operation and Total Comfort for Your Customers



ES150

- Intelligent defrost adjusts to outdoor temperature and saves energy.
- Quiet, efficient, European-built motors.
- Pressure-neutral 5th port defrost models ensure dependable operation in extreme climates and **DO NOT** recirculate exhaust air. The perfect solution for wood stove heat distribution.
- Unlimited 5-year warranty on components and lifetime warranty on poly heat exchanger—100% transferrable and **NOT** prorated.

"Decora" Style Control Options



- ES-T1: 20/40/60-Minute Timer
- ES-M1: Off, Standby, Lo, Hi
- ES-M2: Off, Standby, Lo, 20 Lo, 40 Stby
- ES-M3: Off, Standby, Lo, 20 Lo/40 Recirc (Lo)
- ES-M4: Off, Standby, Lo, Recirc. (Lo)

ES Lumina Control (p/n NAV-561)

- Off
- Standby
- Continuous Lo
- Continuous Hi
- Intermittent Hi
- Continuous Recirculation (Hi)
- 20 Lo/40 Standby
- 20/Lo/40 Recirculation (Hi)
- 20/40/60-Minute Timer
- Humidity Control
- Humidity Control "Off" Mode
- Adjustable Maintenance Clock



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The Right Performance for Any Application

Installation Accessories

VENTILATION PERFORMANCE		ENERGY PERFORMANCE					
EXT. STATIC PRESSURE in. wg (Pa)	NET SUPPLY AIR FLOW cfm (l/s)	SUPPLY TEMP °F (°C)	NET AIR FLOW cfm (l/s)	POWER CONSUMED Watts	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	NET MOISTURE TRANSFER
ES100		ENERGY STAR® APPROVED					
0.3 (75)	118 (56)	+32 (0)	55 (26)	47	70%	79%	
0.4 (100)	104 (49)	+32 (0)	66 (31)	52	68%	76%	n/a
0.5 (125)	91 (43)	+13 (-25)	53 (25)	53	65%	82%	
ES150		ENERGY STAR® APPROVED					
0.3 (50)	109 (51)	+32 (0)	64 (30)	50	71%	80%	
0.4 (100)	100 (47)	+32 (0)	96 (45)	80	64%	73%	n/a
0.5 (125)	92 (43)	+13 (-25)	60 (28)	69	64%	82%	
ES170							
0.3 (50)	146 (68)	+32 (0)	61 (29)	54	63%	75%	
0.4 (100)	132 (62)	+32 (0)	85 (40)	66	62%	72%	n/a
0.5 (125)	119 (56)	+13 (-25)	62 (29)	58	65%	78%	
ES210		ENERGY STAR® APPROVED					
0.3 (50)	195 (92)	+32 (0)	65 (31)	72	70%	81%	
0.4 (100)	177 (84)	+32 (0)	107 (51)	86	65%	73%	n/a
0.5 (125)	163 (77)	+13 (-25)	91 (43)	89	62%	77%	
ES160		ENERGY STAR® APPROVED					n/a
0.3 (50)	149 (70)	+32 (0)	64 (30)	54	68%	71%	
0.4 (100)	136 (64)	+32 (0)	115 (55)	86	61%	69%	
0.5 (125)	122 (58)	+13 (-25)	76 (36)	77	56%	69%	
ES160E ERV							
0.3 (50)	126 (60)	+32 (0)	63 (30)	60	74%	81%	0.74
0.4 (100)	113 (53)	+32 (0)	114 (54)	100	68%	73%	0.70
0.5 (125)	98 (46)	+95 (35)	65 (31)	60	*TRE: 48%	77%	0.45

Physical Characteristics

*TRE: Total Recovery Efficiency

	ES100	ES150	ES170	ES210	ES160/ES160E
LxWxH (mm)	24x13x19" (610x330x483)	25x13x19" (635x330x483)	29x16x19" (737x407x483)	29x16x19" (737x407x483)	29x13x18" (737x333x445)
Collar/Location	5" (127 mm)/Top	6" (152 mm)/Side	6" (152 mm)/Side	7" (178 mm)/Side	6" (152 mm)/Top
Double Door	Yes	Yes	No	Yes	No
Heat Exchanger	*Polypropylene	*Polypropylene	*Polypropylene	*Polypropylene	Polypropylene/Latent
Shipping Wt	34 lbs (15 kg)	30 lbs (13.6 kg)	42 lbs (19 kg)	42 lbs (19 kg)	30 lbs (13.6 kg)
**Electrical	84 W, 0.7 A	100 W, 0.9 A	128 W, 1.1 A	156 W, 1.0 A	128 W, 1.1 A

*Accessory ERV core available.

**All units 120V/1/60Hz.



- Tandem hoods (p/n THA5, THA6) for those trickier applications
- 4-, 5-, 6-, 7-inch aluminum hoods
- 4-, 5-, 6-inch grills
- 4" stackheads for wall cavity duct runs

Nu-Air 24 VAC Control Options



DSTAT-1: 2-wire humidity control
Win-1: Off, Standby, Continuous, Intermittent, Humidity Control
Win-20: 20-Minute Timer

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