

TrueFRESH Ventilation System

TrueFRESH™ Balanced Ventilation System



Honeywell's TrueFRESH eliminates Balanced Ventilation Systems is a True Time Saver. TrueFRESH eliminates the need for overhead ducting, and balance without adjusting dampers, they change everything when it comes to time consuming installation.

- Removable Duct Collars
- Damperless Balancing
- Adjustable Hanging Straps
- Centralized Wiring and Speed Control
- Customizable
- Compact Size
- Meets ASHRAE 62.2 Standards
- 5-Year Warranty

Application: Energy Recovery Ventilator

Electrical Ratings: 120 Vac

Frequency: 60 Hz

Defrost Control: Exhaust Only Defrost

TrueFRESH Energy Recovery Ventilators

	Product Number	Airflow Capacity (external static pressure)	Current Draw, Nominal (maximum speed)	Type of Core	Apparent Sensible Effectiveness	Total Recovery Ratio
*	VNT5070E1000/U	80 cfm (0.4 in. wc)	0.85 A	Enthalpy 10 inch ERV Core	0.74	0.43
*	VNT5150E1000/U	159 cfm (0.4 in. wc)	1.5 A	Enthalpy 10 inch ERV Core	0.76	0.34
*	VNT5200E1000/U	188 cfm (0.4 in. wc)	1.5 A	Enthalpy 15 inch ERV Core	0.81	0.48

* TRADELINE models • SUPER TRADELINE models

TrueFRESH Heat Recovery Ventilators

	Product Number	Airflow Capacity (external static pressure)	Current Draw, Nominal (maximum speed)	Type of Core	Apparent Sensible Effectiveness	Total Recovery Ratio
*	VNT5070H1000/U	75 cfm (0.4 in. wc)	0.85 A	Polypropylene 10 inch HRV Core	0.72	—
*	VNT5150H1000/U	150 cfm (0.4 in. wc)	1.5 A	Polypropylene 10 inch HRV Core	0.75	—
*	VNT5200H1000/U	200 cfm (0.4 in. wc)	1.5 A	Polypropylene 15 inch HRV Core	0.71	—

* TRADELINE models • SUPER TRADELINE models

Energy Star rated Ventilators

	Product Number	Airflow Capacity (external static pressure)	Current Draw, Nominal (maximum speed)	Type of Core	Apparent Sensible Effectiveness	Total Recovery Ratio
*	VNT6150H1000/U	150 cfm (0.4 in. wc)	1.5 A	Polypropylene 10 inch HRV Core	0.84	—
*	VNT6200H1000/U	200 cfm (0.4 in. wc)	1.5 A	Polypropylene 10 inch HRV Core	0.80	—

* TRADELINE models • SUPER TRADELINE models

Residential Ventilation Replacement Filters

Product Number	Application	Used With
50053952-005/U	Replacement Filter Kit VNT5150 (Kit quantity 2)	VNT5150
50053952-006/U	Replacement Filter Kit VNT5200 (Kit quantity 2)	VNT5200

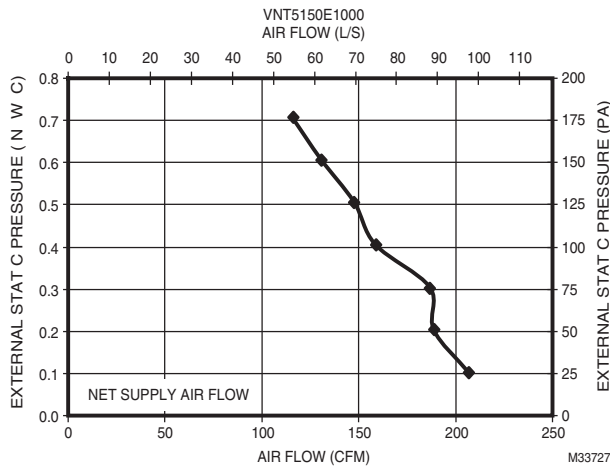
Residential Ventilation Accessories and Replacement Parts

Product Number	Description	Used With
50048694-001/U	Door Latch, for HR150B, HR200B, ER150B, ER200B, ER150C	HR150B; HR200B; ER150B; ER150C; ER200C; ER200B
50053952-001/U	Polypropylene 10 inch HRV Core for VNT5150H1000	VNT5150H1000
50053952-002/U	Polypropylene 15 inch HRV Core for VNT5200H1000	VNT5200H1000
50053952-003/U	Enthalpy 10 inch ERV Core for VNT5150E1000	VNT5150E1000
50053952-004/U	Enthalpy 15 inch ERV Core for VNT5200E1000	VNT5200E1000
50053952-007/U	6 inch diameter Plastic Double Collar	VNT5150, VNT5200
50053952-008/U	6 inch diameter Plastic Keeper	VNT5150, VNT5200
50053952-009/U	Adjustable Hanging Straps (set)	VNT5070, VNT5150, VNT5200
50053952-010/U	Replacement Motor	VNT5150, VNT5200
50053952-011/U	Condensation Drain Fitting Kit	VNT5070, VNT5150, VNT5200

TrueFRESH Ventilation System

VNT5150E Ventilation Performance

External Static Pressure		Net Supply Air Flow		Gross Air Flow			
				Supply		Exhaust	
Pa	in. W.C.	L/s	CFM	L/s	CFM	L/s	CFM
25	0.1	97	207	99	210	99	211
50	0.2	89	189	91	193	91	193
75	0.3	88	187	84	179	84	178
100	0.4	75	159	76	162	76	162
125	0.5	70	148	71	150	69	147
150	0.6	62	131	63	133	62	131
175	0.7	55	116	55	118	55	117
200	0.8	49	104	50	106	48	102
225	0.9	42	90	43	91	43	92
250	1.0	36	77	37	78	40	86
275	1.1	32	68	32	69	32	69



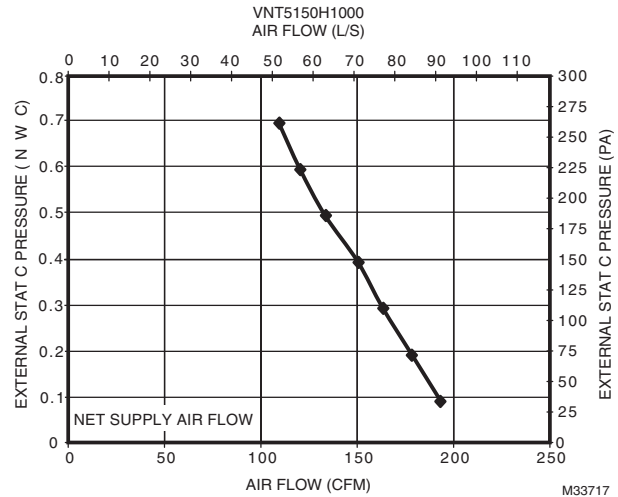
VNT5150E Energy Performance

Supply Temperature		Net Supply Air Flow		Average Power	Sensible Recovery	Apparent Sensible	
°C	°F	L/s	CFM	Watts	Efficiency %	Effectiveness %	
Heating	0	32	24	51	58	65	76
	0	32	38	80	76	65	73
	0	32	56	118	96	62	70
	-15	5	26	55	59	52	78
	35	95	30	64	66	M33728	

M33728

VNT5150H Ventilation Performance

External Static Pressure		Net Supply Air Flow		Gross Air Flow			
				Supply		Exhaust	
Pa	in. W.C.	L/s	CFM	L/s	CFM	L/s	CFM
25	0.1	91	193	91	194	103	217
50	0.2	84	178	85	179	95	201
75	0.3	77	163	77	163	86	183
100	0.4	71	150	71	151	80	169
125	0.5	63	133	63	134	71	152
150	0.6	57	120	57	121	66	138
175	0.7	51	109	51	109	57	121
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1	35	75	36	75	39	82



VNT5150H Energy Performance

Supply Temperature		Net Supply Air Flow		Average Power	Sensible Recovery	Apparent Sensible	
°C	°F	L/s	CFM	Watts	Efficiency %	Effectiveness %	
Heating	0	32	31	65	72	66	75
	0	32	39	83	80	63	72
	0	32	50	107	94	60	67
	-25	-13	36	76	72	56	73

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