





Fantech HRV /ERV

Overview



Fantech's Residential HRVs Specifications

		Vertical								Horizontal						Low Profile	
		HRVs								HRVs						ERV	HRV
Model		VHR 70	VHR 70R ES	Flex® 100H ES	VHR 100R ES	VHR 150	VHR 150R	VHR 200R-EC	VHR 200R	SHR 150	SHR 150R	SHR 2004	SHR 2005R	SHR 3005R	SHR 3205RD	FIT® 120E	FIT® 120H
																	
ENERGY STAR® Qualified																	
Number of bedrooms	–	1 to 2	1 to 2	1 to 5	1 to 5	2 to 5	2 to 5	3 to 7	3 to 7	2 to 5	2 to 5	3 to 7	3 to 7	3 to 7	3 to 7	1 to 5	1 to 5
Average airflow range	cfm @ 0.4" P _s L/s @ 100 Pa	23 - 58 10 - 27	33 - 70 16 - 33	45 - 104 21 - 49	45 - 104 21 - 49	64 - 159 30 - 75	63 - 157 30 - 74	61 - 207 29 - 98	52 - 173 25 - 82	63 - 159 30 - 75	63 - 159 30 - 75	82 - 204 39 - 95	82 - 204 39 - 95	95 - 238 45 - 112	110 - 275 52 - 130	66 - 106 31 - 53	61 - 112 29 - 53
Duct connection	inch mm	4 100	5 125	5 125	5 125	6 153	6 153	6 153	6 153	6 153	6 153	6 153	6 153	6 153	8 203	5 125	5 125
Voltage / Phase	V / ~	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1
Connection type		Round	Oval	Oval	Oval	Oval	Oval	Oval	Oval	Round	Round	Round	Round	Round	Round	Oval	Oval
Consumed power (Low/high speed)	W	36 / 50	35 / 60	50 / 100	50 / 100	70 / 140	70 / 156	38 / 185	60 / 170	70 / 140	70 / 156	108 / 246	108 / 246	126 / 262	136 / 272	82 / 148	66 / 148
Max Sensible Recovery Efficiency		61	65	65	65	63	66	70	70	63	66	62	62	78	66	65	65
Max current	A	0.4	1.1	1.4	1.4	1.2	1.2	1.4	1.4	1.4	1.4	2.1	2.1	2.8	2.5	1.4	1.4
Defrost cycle		Fan Shutdown	Recirculation	Recirculation	Recirculation	Fan Shutdown	Recirculation	Recirculation	Recirculation	Fan Shutdown	Recirculation	Fan Shutdown	Recirculation	Recirculation	Recirculation	Recirculation	Fan Shutdown
Height	inch (mm)	17 3/16 (437)	17 3/16 (437)	17 7/8 (454)	17 7/8 (454)	18 3/8 (466)	18 3/8 (466)	22 11/16 (576)	22 11/16 (576)	16 1/4 (414)	16 1/4 (414)	20 1/2 (521)	22 1/4 (578)	22 3/4 (620)	22 3/4 (578)	8 3/4 (222)	10 1/4 (260)
Width	inch (mm)	22 1/2 (572)	22 1/2 (572)	22 1/2 (572)	22 1/2 (572)	23 3/4 (603)	23 3/4 (603)	28 (710)	28 (710)	28 (714)	28 (714)	32 3/4 (832)	32 3/4 (832)	55 1/4 (1401)	32 7/8 (835)	34 1/2 (877)	34 1/2 (877)
Depth	inch (mm)	10 3/16 (259)	10 3/16 (259)	15 (381)	15 (381)	17 3/16 (437)	17 3/16 (437)	17 (430)	17 (430)	17 1/4 (438)	17 1/4 (438)	17 3/8 (441)	17 3/8 (441)	17 3/8 (441)	25 1/8 (638)	19 3/4 (505)	21 (531)
Weight	lbs	26	30	39	39	45	44	66	66	46	49	61	62	90	80	36	42

Selection Charts

Wall controls

Heat / Energy recovery ventilators	ECO-Touch	EDF7	EDF1R	EDF1	RTS2	RTS3	RTS5	MDEH1
VHR 70	•	•		•	•		•	•
VHR 70R ES	•	•	•	•	•		•	•
FLEX 100H ES	•	•	•	•	•		•	•
VHR 100R ES	•	•	•	•	•		•	•
VHR 150	•	•		•	•		•	•
VHR 150R	•	•	•	•	•		•	•
VHR 200R	•	•	•	•	•		•	•
VHR 200R-EC	•	•	•	•	•		•	•
FIT 120H	•	•		•	•		•	•
FIT 120E	•	•		•	•		•	•
SHR 150	•	•		•	•		•	•
SHR 150R	•	•	•	•	•		•	•
SHR 2004	•	•		•	•	•		•
SHR 2005R	•	•	•	•	•	•		•
SHR 3005R	•	•	•	•	•	•		•
SHR 3205R	•	•	•	•	•	•		•



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