

Multifamily Energy Recovery Ventilators (ERV) Cross Reference Guide

ASSURE-120™

MULTIFAMILY ENERGY
RECOVERY VENTILATOR

	Greenheck	Renew Aire	Renew Aire	Aldes	Aldes	Obsolete Broan
						
Model	ASSURE-120	BR130	EV Premium S/SH	E130-HR / E130-HR-N	EK120-HR-N	ERVS100S-PC
CFM 0.4 in. wg	125	112	119	117	99	104
HVI Listed SRE (@ CFM)	69% (49 cfm) / 68% (64 cfm)	72% (100 cfm)	74% (51 cfm) / 69% (76 cfm)	71% (51 cfm) / 67% (66 cfm)	72% (49 cfm) / 71% (64 cfm)	66% (64 cfm)
Dimensions	20 3/4" X 19 3/8" X 9 3/4"	33 1.4" x 20 1/8" x 13 3/4"	22 1/2" x 21 7/8" x 9 5/8"	27 3/4" x 22 7/8" x 9 1/4"	32 1/4" x 23 1/8" x 9 7/8"	26" x 20" x 9 1/8"
Weight	34 lbs	48 lbs	32 lbs	35 lbs	53 lbs	32 lbs
CFM/Watt	0.82	1.00	1.8	0.80	0.7	1.22
Filters (Standard / Optional)	MERV 6 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	2 washable filters/ MERV 8
Cold Weather Certified (-13°F)	No	No	No	Yes	Yes	No
Mounting (Ceiling, Wall, Suspended)	Ceiling	Ceiling / Wall	Ceiling / Wall	Ceiling / Suspended	Ceiling / Suspended	Ceiling
Autobalance	No	No	No	No	No	No
Fault Indicator Display Enabled	No	No	No	No	No	No
Wiring Configuration	Power Cord or Hard Wired	Power Cord	Power Cord or Hard Wired	Power Cord or Hard Wired	Hardwired	Power Cord
Mirrored Configuration	Yes	Yes (extra kit required)	Yes	Yes	No	No
Accessory Options	Timer, Rh/Timer Combo, PrecisionSYNC™, Dual Hood, IAQ Control	Duct Collar Kit, Wall Vents	Time Clock, Motion Sensor, CO2 Sensor, IAQ Sensor, Timer, Duct Heater	Speed Control, 20/40/60 Timer, Multifunction Controls (dehumidistat mode, ECO mode, high occupancy mode)	Speed control, 20/40/60 timer, multifunction controls (dehumidistat mode, ECO mode, high occupancy mode)	Timer, Dual Hood, High-Speed Booster

Multifamily Energy Recovery Ventilators (ERV) Cross Reference Guide

ASSURE-140™

MULTIFAMILY ENERGY
RECOVERY VENTILATOR

								
Model	ASSURE-140	B150E75NS (side port, NT is top)	BLP150E75NS	EV130	EV Premium S/SH	SL75/H	FV-10VE2/VEC2/VEC2R/H	E130-HR/-N
CFM 0.4 in. wg	128	127	146	125	119	117	100	117
HVI Listed SRE (@ CFM)	77% (64 cfm)	75% (66 cfm)	84% (36 cfm) / 78% (64 cfm)	72% (100 cfm)	74% (51 cfm) / 69% (76 cfm)	78% (51 cfm) / 74% (76 cfm)	80% (53 cfm) / 77% (66 cfm)	71% (51 cfm) / 67% (66 cfm)
Dimensions	26" x 22" x 10"	23 3/8" x 19 1/8" x 16 1/8"	27 1/8" x 20 1/2" x 10 1/32"	33 1/4" x 20" x 13 1/2"	22 1/2" x 21 7/8" x 9 5/8"	30 3/4" x 20 3/8" x 9 1/2"	28 1/2" X 23" X 8 7/8"	24 1/8" x 22 1/4" x 9 1/4"
Weight	42 lbs	37 lbs	39 lbs	48 lbs	32 lbs	35 lbs	57.3 lbs (includes packaging)	35 lbs
CFM/Watt	1.20	1.80	2.10	1.00	1.8	1.70	1.83	0.8
Filters (Standard / Optional)	MERV 6 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	Washable Filter / MERV 8 / MERV 13
Cold Weather Certified (-13°F)	Yes	Yes	No	No	No	No	No	Yes
Mounting (Ceiling, Wall, Suspended)	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall / Suspended	Ceiling / Wall	Ceiling / Suspended
Autobalance	No	Yes	Yes	No	No	No	Yes	No
Fault Indicator Display Enabled	No	Yes	Yes	No	No	No	Yes	No
Wiring Configuration	Power Cord or Hard Wired	Power Cord	Power Cord or Hard Wired	Power Cord	Power Cord or Hard Wired	Power Cord or Hard Wired	Power Cord or Hard Wired	Power Cord or Hard Wired
Mirrored Configuration	Yes	No	Yes	Yes	Yes	Yes	Yes	No
Accessory Options	Timer, Rh/Timer Combo, PrecisionSYNC™, Dual Hood, IAQ Control	Timer, Dehumidistat, Boost, Min Vent	Timer, Dehumidistat, Boost, Min Vent	Timer, Motion Sensor, IAQ Sensor, CO2 Sensor	Timer, Motion Sensor, IAQ Sensor, CO2 Sensor	Timer, Motion Sensor, IAQ Sensor, CO2 Sensor	Dual Hood, Timer, Booster	Speed Control, 20/40/60 Timer, Multifunction Controls (dehumidistat mode, ECO mode, high occupancy mode)

Multifamily Energy Recovery Ventilators (ERV) Cross Reference Guide



	Greenheck	Broan	Broan	RenewAire	RenewAire	RenewAire	Panasonic	Panasonic	Aides
									
Model	SYNC-110	B130E65RS/T (Side Port / Top Port)	BLP150E7SNS	EV Premium S/SH	BR130	SL75/H	FV-10VE2/VEC2/VEC2R/H	FV-12VE1S/T (Side Port / Top Port)	EK120-HRX-N/HFX-N
CFM 0.4 in. wg	108	119	146	119	112	117	100	120	117
HVI Listed SRE (@ CFM)	72% (49 cfm) / 71% (64 cfm)	67% (66 cfm)	84% (36 cfm) / 78% (64 cfm)	74% (51 cfm) / 69% (76 cfm)	72% (100 cfm)	78% (51 cfm) / 74% (76 cfm)	80% (53 cfm) / 77% (66 cfm)	76% (36 cfm) / 72% (66 cfm)	76% (49 cfm) / 75% (64 cfm)
Dimensions	20 3/4" X 19 3/8" X 9 3/4"	23 3/8" x 19 1/8" x 16 1/8"	27 1/8" x 20 1/2" x 10 1/32"	22 1/2" x 21 7/8" x 9 5/8"	33 1/4" x 20 1/8" x 13 3/4"	30 3/4" x 20 3/8" x 9 1/2"	28 1/2" X 23" X 8 7/8"	22 13/16" x 16" x 18 7/8"	32 1/8" x 23 1/8" x 9 7/8"
Weight	34 lbs	37 lbs	39 lbs	32 lbs	48 lbs	35 lbs	57.3 lbs (includes packaging)	Data Unavailable	53 lbs
CFM/Watt	2.23	2.20	2.10	1.80	1.00	1.70	1.83	1.60	1.8
Filters (Standard / Optional)	MERV 6 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13	MERV 8 / MERV 13
Cold Weather Certified (-13°F)	No	Yes	No	No	No	No	No	No	Yes
Mounting (Ceiling, Wall, Suspended)	Ceiling	Wall / Suspended	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Ceiling / Wall	Wall / Suspended	Ceiling / Suspended
Autobalance	Yes*	Yes**	Yes**	No	No	No	Yes**	Yes**	Yes**
Fault Indicator Display Enabled	Yes	Yes	Yes	No	No	No	Yes	Yes	No
Wiring Configuration	Power Cord or Hard Wired	Power Cord	Power Cord or Hard Wired	Power Cord or Hard Wired	Power Cord	Power Cord or Hard Wired	Power Cord or Hard Wired	Power Cord or Hard Wired	Hardwired
Mirrored Configuration	Yes	No	Yes	Yes	Yes (extra kit required)	Yes	Yes	No	No
Accessory Options	Timer, Rh/Timer Combo, PrecisionSYNC™, Dual Hood, IAQ Control	20/40/60 Timer, Advanced Touchscreen Control, Boost, Dual Hood	Timer, Dehumidistat, Boost, Min Vent	Timer, Motion Sensor, IAQ Sensor, CO2 Sensor, Booster, Auto-Balance	Duct Collar Kit, Wall Vents	Timer, Motion Sensor, IAQ Sensor, CO2 Sensor	Dual Hood, Timer, Booster	Touch Screen LED Wall Control (Set Supply & Exhaust, Lo, Hi, Boost, Set Boost Timer, Activate Boost)	Speed Control, 20/40/60 Timer, Recirc Control, Multifunction Controls (dehumidistat mode, ECO mode, high occupancy mode)

*Greenheck autobalance is accomplished by measuring differential pressure to display accurate airflow. The unit automatically adjusts fan RPM to maintain the set airflow.

**Autobalance is accomplished by estimating airflow based on motor operating characteristics

Multifamily Energy Recovery Ventilators (ERV) Cross Reference Guide



	Greenheck	Greenheck	Broan	Broan	Broan	Renew Aire	Renew Aire	Panasonic	Panasonic	Aides	Obsolete Broan
											
Model	SYNC-180 (side port)	SYNC-180 (Top Port)	B180E75RT	B160E65RS	BLP150E75NS	EV200	EV Premium MMH	FV-16VEC1S/T (Side Port / Top Port)	FV-20VEC1	E190TRG (top port)	ERV200TE (ERV200ECM)
CFM 0.4 in. wg	176	172	182	142	146	182	218	160	200	165	210
HVI Listed SRE (@ CFM)	84% (64 cfm)	77% (68 cfm)	81% (66 cfm)	76% (38 cfm) / 71% (66 cfm)	84% (36 cfm) / 78% (64 cfm)	74% (180 cfm)	81% (51 cfm)	82% (36 cfm) / 79% (66 cfm)	83% (68 cfm)	76% (51 cfm)	83% (64 cfm)
Dimensions	26" X 22" X 10"	33 5/8" X 15" X 18 3/4"	24 13/16" x 21 11/16" x 21"	23 1/2" X 18 3/4" X 19 1/8"	27 1/8" x 20 1/2" x 10 1/32"	33 1/4" X 21 3/4" x 20"	22 1/2" x 25 1/2" x 23 3/4"	22 13/16" x 16" x 18 7/8"	30 3/4" X 19 1/2" X 27 3/4"	29 3/16" x 21" x 15/18"	33 3/16" x 32 3/16" x 20 1/16"
Weight	42 lbs	57 lbs	47 lbs	37 lbs	39 lbs	68 lbs	36 lbs	Data Unavailable	117 lbs (includes packaging)	46 lbs	108 lbs
CFM/Watt	2.00	2.10	2.80	2.00	2.10	1.20	2.60	1.40	3.09	0.98	3.06
Filters (Standard / Optional)	MERV 6 / MERV 13	MERV 6 / MERV 13	MERV 6 / MERV 13	MERV 6 / MERV 13	MERV 6 / MERV 13	MERV 6 / MERV 13	MERV 6 / MERV 13	MERV 13 / MERV 6	MERV 6 / MERV 13 / HEPA	Aluminum / MERV 6 / MERV 13	MERV 6 / HEPA
Cold Weather Certified (-13°F)	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes
Mounting (Ceiling, Wall, Suspended)	Ceiling / Wall	Suspended	Wall / Suspended	Wall / Suspended	Ceiling / Wall	Ceiling / Wall / Suspended	Ceiling / Wall / Suspended	Wall / Suspended	Ceiling / Wall / Floor / Suspended	Suspended	Wall / Suspended
Autobalance	Yes*	Yes*	Yes**	Yes**	Yes**	No	No	Yes	Yes	No	Yes
Fault Indicator Display Enabled	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	Yes
Wiring Configuration	Power Cord or Hard Wired	Power Cord or Hard Wired	Power Cord	Power Cord	Power Cord or Hard Wired	Power Cord	Power Cord or Hard Wired	Power Cord or Hard Wired	Power Cord	Power Cord	Power Cord
Mirrored Configuration	Yes (side-port)	No	No	No	Yes	Yes	Yes	No	No	No	No
Accessory Options	Timer, PrecisionSYNC™, Dual Hood, IAQ Control	Timer, PrecisionSYNC™, Dual Hood, IAQ Control	Timer, Dehumidistat, Min Vent	Timer, Dehumidistat, Min Vent	Timer, Dehumidistat, Boost, Min Vent	Timer, Motion Sensor, CO2 Sensor, IAQ Sensor	Time clock, Timer, Motion Sensor, CO2 Sensor, IAQ Sensor	Touch Screen LED Wall Control (Set Supply & Exhaust, Lo, Hi, Boost, Set Boost Timer, Activate Boost)	LCD Wall Control (Timer, Booster)	Speed control, recirc control, 20/40/60 timer, multifunction controls	VT9W (booster, timer, dehumidistat)

*Greenheck autobalance is accomplished by measuring differential pressure to display accurate airflow. The unit automatically adjusts fan RPM to maintain the set airflow.
**Autobalance is accomplished by estimating airflow based on motor operating characteristics

Multifamily Energy Recovery Ventilators (ERV) Cross Reference Guide

SYNC-270™

MULTIFAMILY ENERGY
RECOVERY VENTILATOR

	Greenheck	RenewAire	Aldes	Aldes	Broan	Obsolete RenewAire
						
Model	SYNC-270	EV Premium L	E280-SRG	InspirAir Top 450 Premium ERV NA	ERV250TE (ERV250ECM)	EV240
CFM 0.4 in. wg	271	278	242	267	244	242
HVI Listed SRE (@ CFM)	77% (64 cfm)	88% (59 cfm)	77% (64 cfm)	80% (66 cfm)	75% (64 cfm)	72%
Dimensions	33 5/8" X 15" X 18 3/4"	24 1/4" X 21 7/8" X 22 1/2"	31" x 21 3/4" x 17 1/16"	22" x 22" x 42 5/6"	32 3/16" X 33 2/16" X 20 1/16"	33 1/4" X 23 7/8" X 21 3/4"
Weight	57 lbs	52 lbs	62 lbs	90 lbs	96 lbs	70 lbs
CFM/Watt	2.10	2.80	0.76	3.6	3.55	1.10
Filters (Standard / Optional)	MERV 6 / MERV 13	MERV 8 / MERV 13	Aluminum / Carbon / MERV 13	MERV 8 / MERV 10 / MERV 13 / MERV 15	MERV 6 / HEPA	MERV 8/ MERV 13
Cold Weather Certified (-13°F)	Yes	No	Yes	No	Yes	No
Mounting (Ceiling, Wall, Suspended)	Suspended	Any	Suspended	Wall / Floor	Wall / Suspended	Ceiling / Wall / Suspended
Autobalance	Yes*	No	No	No	Yes**	No
Fault Indicator Display Enabled	Yes	No	No	No	No	No
Wiring Configuration	Power Cord or Hard Wired	Power Cord	Power Cord	Hard Wired	Power Cord	Power Cord
Mirrored Configuration	No	Yes	No	Yes	No	No
Accessory Options	Timer, PrecisionSYNC™, Dual Hood, IAQ Control	Time clock, motion sensor, timer, CO2 sensor, IAQ sensor, booster	Speed control, recirc control, 20/40/60 timer, multifunction controls	Duct Heater, Wall Control, CO2 Control	VT9W Wall Control	Time Clock, Motion Sensor, Timer CO2 Sensor, IAQ Sensor

*Greenheck autobalance is accomplished by measuring differential pressure to display accurate airflow. The unit automatically adjusts fan RPM to maintain the set airflow.

**Autobalance is accomplished by estimating airflow based on motor operating characteristics

Phone 1-800-984-8713 opt. 6 | Email residentialventilation@greenheck.com