



Turn to the experts

Product Bulletin

Date	Subject	Department
January 27, 2021	Ventilation Products	Product Marketing
Bulletin Number	Product Model Number(s)	Author Name/Email
101-21-09	ERV, HRV, ERV/HRV Controls	Doug.Powell@carrier.com

New Performance™ Ventilation Controls

The new ERV and HRV models are designed to work with the new ventilator wall controls, AHU thermostats and the ecobee Smart Thermostat® Pro to control the ventilators.

However, the new ERVs and HRVs will not connect with the Network Interface Module (NIM) P/N: SYSTXCCNIM01 or the Infinity® Damper Control Module P/N: SYSTXCC4Z01 as these units use a different control protocol and terminal connections.



ERV/HRV HORIZONTAL PORTS



ERV/HRV VERTICAL PORTS

Impacted ERV/HRV Part Numbers:

Part Number	Description
HRVXXSVA1130	HRV 130 CFM 65% SRE Vertical Ports
HRVXXSHA1130	HRV 130 CFM 65% SRE Horizontal Ports
HRVXXSVA1160	HRV 160 CFM 65% SRE Vertical Ports
HRVXXSHA1160	HRV 160 CFM 65% SRE Horizontal Ports
HRVXXSVB1160	HRV 160 CFM 75% SRE Vertical Ports
HRVXXSHB1160	HRV 160 CFM 75% SRE Horizontal Ports
ERVXXSVA1130	ERV 130 CFM 65% SRE Vertical Ports
ERVXXSHA1130	ERV 130 CFM 65% SRE Horizontal Ports
ERVXXSVA1150	ERV 150 CFM 65% SRE Vertical Ports
ERVXXSHA1150	ERV 150 CFM 65% SRE Horizontal Ports
ERVXXSVB1145	ERV 145 CFM 75% SRE Vertical Ports
ERVXXSVB1145	ERV 145 CFM 75% SRE Horizontal Ports



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We are developing a “Translator Board” that will connect the new ERVs and HRVs to the NIM and the Infinity® Damper Control Module with expected availability toward the end of Q2.

If you are using the NIM or the Infinity® Damper Control, use one of the optional Main Wall Controls listed below to control the ventilator.

New Optional Main Wall Controls:

Carrier New Controls	Mode Description	Model Numbers
Premium Control	Touch screen, Auto 2.0 fully configurable, multiple modes	KVACN0101CPC
Auto Control	Auto 1.0, filter alert	KVACN0101CAC
Dehumidistat Control	Humidity sensor, humidity selection	KVACN0101CDH
Speed Selector Control	5 operating speed settings	KVACN0101CSS
Bathroom Override Control (Auxiliary control)	20-, 40-, and 60-minute settings	KVACN0101CBO

NOTE: Models ERVCRLHB1200 and HRVCRLHB1250 are still available and will connect with the NIM and the Infinity® Damper Control Module.

Do not connect the Infinity® System Control, NIM or the Infinity® Damper Control Module directly to the ventilator as this may cause damage.

Thank you for your continued support.

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