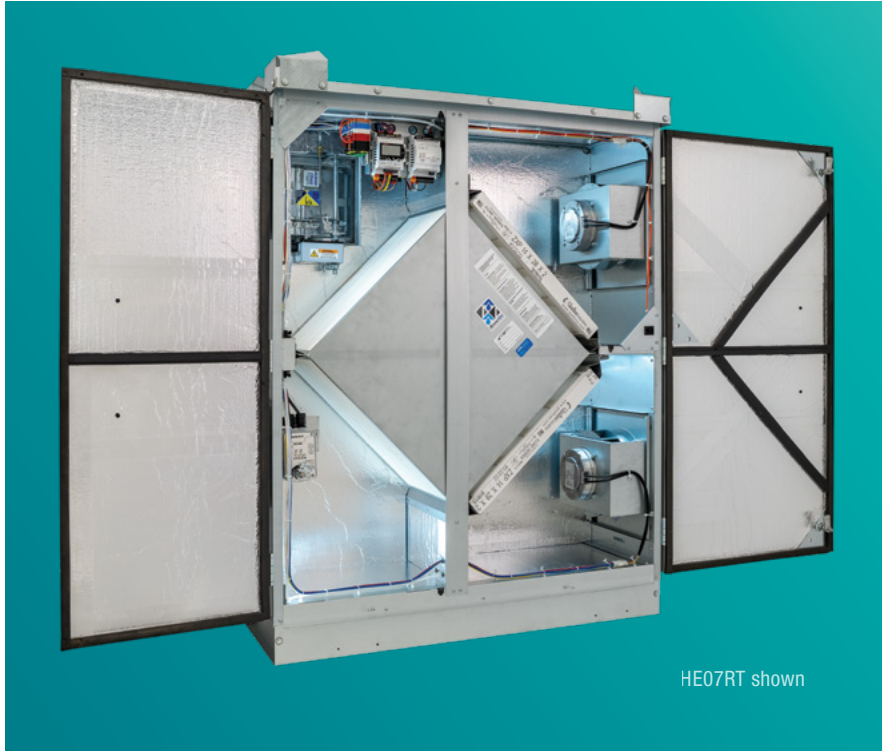
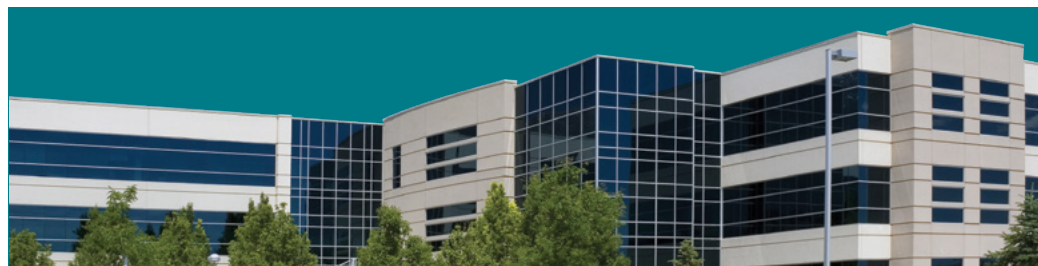


HE SERIES ERVs

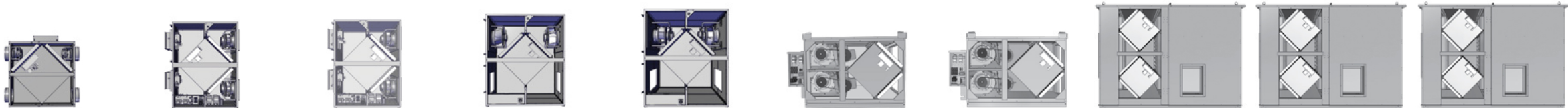
COMMERCIAL ENERGY RECOVERY VENTILATORS



- ♦ Packaged static-plate total energy recovery ventilator
- ♦ 120–8,800 CFM
- ♦ EC motorized impellers for HE05–HE20, and TEFC premium efficiency or IE5+ ultra premium efficiency motors option for HE3X–HE8X
- ♦ Options and accessories: bypass economizer, integrated programmable controls, electric preheat, VFDs, double wall, Class 1 low-leakage dampers, MERV 13 filters



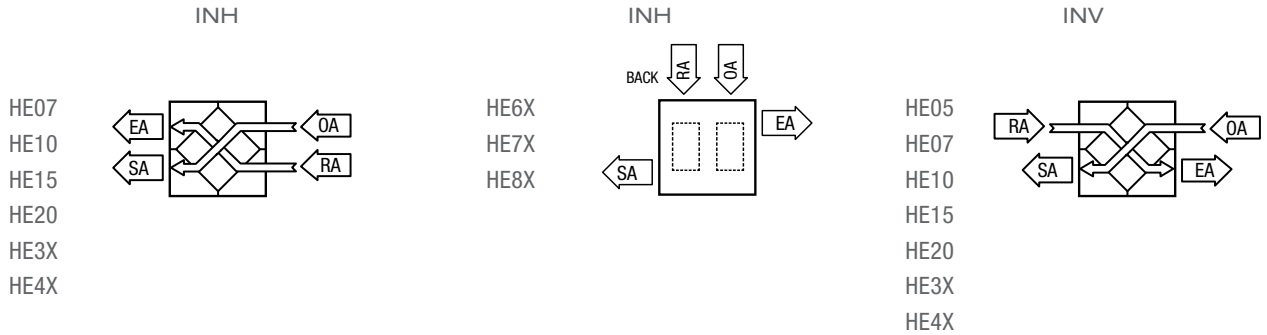
**VENTILATION SOLUTIONS
FOR EVERY APPLICATION**



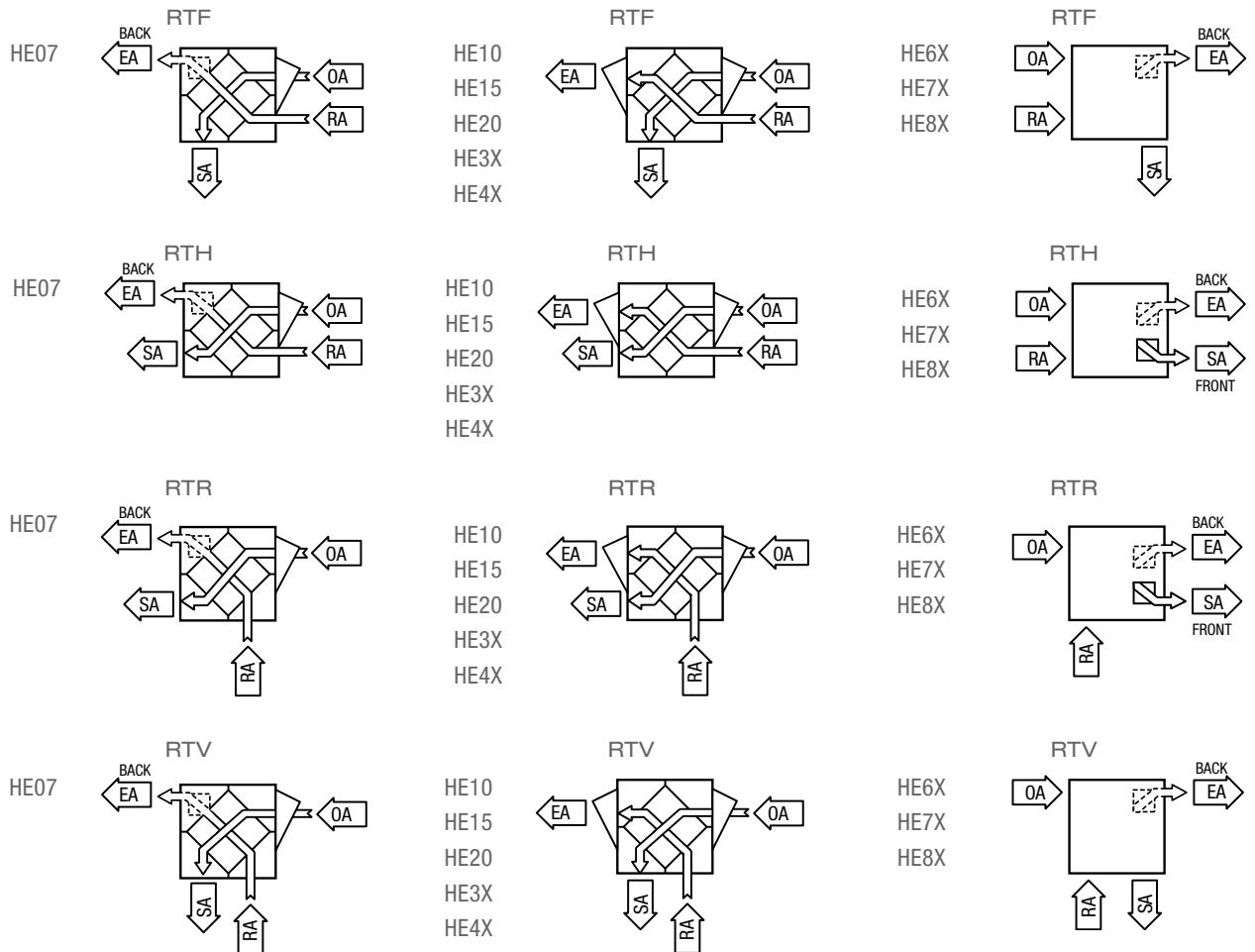
				HE05	HE07	HE10	NEW! HE15	NEW! HE20	HE3X	HE4X	HE6X	HE7X	HE8X
UNIT	Airflow Range			120–375 CFM	166–694 CFM	250–1100 CFM	369–1621 CFM	500–2200 CFM	750–3300 CFM	1000–4400 CFM	1500–6600 CFM	1750–7700 CFM	2000–8800 CFM
	Installation Location			INV Only	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Non-Fused (standard) & Fused (optional)			Non-Fused Only	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Energy Recovery Static Plate, Heat & Humidity Transfer			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Bypass Economizer	IN	Internal	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗
			External	✗	✓	✗	✗	✗	✓	✓	✓	✓	✓
		RT		N/A	✓	✓	✓	✓	✗	✗	✗	✗	✗
Electric Preheat			✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	
CABINET	Single & Double Wall (optional) Construction			Single Only	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1" Foil Faced Insulation			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2,500-hour Salt Spray Rated in White and Custom (optional) Painted Cabinets			✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Isolation Dampers			✓ Accessory	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)	✓ (Class 1)
SUPPLY/EXHAUST FAN	Supply/Exhaust Blower			Backward-curved Impeller	Backward-curved Impeller	Backward-curved Impeller	Backward-curved Impeller	Backward-curved Impeller	Forward-curved Centrifugal	Forward-curved Centrifugal	Backward-curved Incline	Backward Incline	Backward Incline
	Supply/Exhaust Fan Type			Direct-drive	Direct-drive	Direct-drive	Direct-drive	Direct-drive	Direct-drive	Belt-drive	Belt-drive	Belt-drive	Belt-drive
	Supply/Exhaust Fan Speed Control*			ECM	ECM	ECM	ECM	ECM	Speed sheave and motor starters, VFD with IE3 or IE5+ motors	Speed sheave and motor starters, VFD with IE3 or IE5+ motors	Speed sheave and motor starters, VFD with IE3 or IE5+ motors	Speed sheave and motor starters, VFD with IE3 or IE5+ motors	Speed sheave and motor starters, VFD with IE3 or IE5+ motors
	Supply/Exhaust Fan Vibration Isolation			✗	✓	✓	✓	✓	✗	✗	✓	✓	✓
	Supply/Exhaust Fan 00--Motor Voltage at 60 Hz*	120V 1P	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓
		208-230V 1P	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		208-230V 3P	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
		460V 3P	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
		575V 3P	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
	Unit ESP			0–2.30 in. w.g.	0–3.00 in. w.g. (IN) 0–2.50 in. w.g. (RT)	0–3.00 in. w.g.	0–3.00 in. w.g. (IN 1P) 0–2.80 in. w.g. (RT 1P) 0–4.00 in. w.g. (IN/RT 3P)	0–3.10 in. w.g. (IN 1P) 0–2.90 in. w.g. (RT 1P) 0–4.00 in. w.g. (IN/RT 3P)	0–1.50 in. w.g.	0–1.50 in. w.g.	0–2.00 in. w.g.	0–2.00 in. w.g.	0–2.00 in. w.g.
CONTROLS	Integrated Programmable Controls - Enhanced, Premium (optional)			✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Optional Communications			BACnet MS/TP with accessory	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP	BACnet, Modbus RTU or TCP
ACCESSORIES	Roof Curbs			✗	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MERV 8 Filters (standard)			MERV 10	✓	✓	✓	✓	✓	✓	✓	✓	✓
	MERV 13 Filters (optional)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CERT.	Certifications			 	 	 	 	 	 	 	 	 	 

AIRFLOW ORIENTATIONS

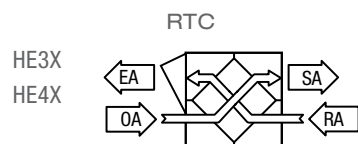
INDOOR



OUTDOOR



OUTDOOR DIRECT CONNECT

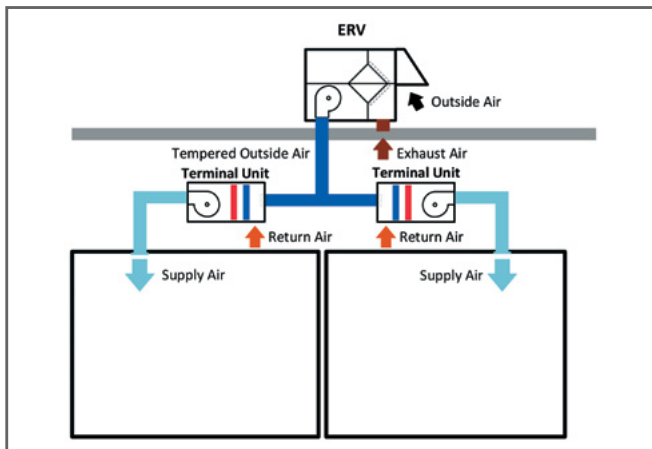


**LOOKING FOR ACCESSORIES TO
PAIR WITH OUR HE ERVs?**

Scan the QR code or visit bit.ly/HE-Accessories.

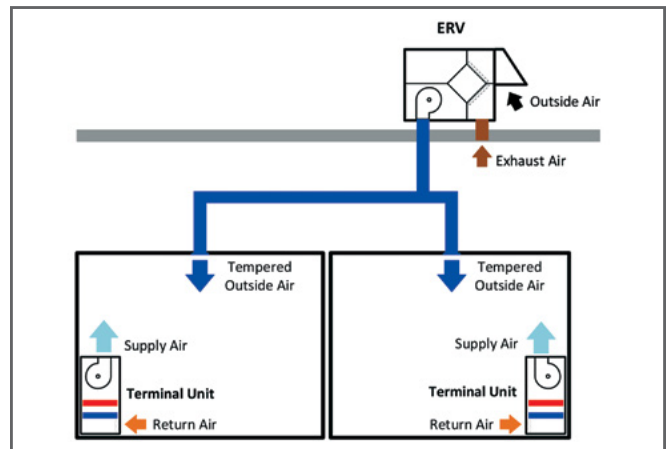
APPLICATION STRATEGIES

AIR SUPPLIED TO INTAKES OF TERMINAL UNITS



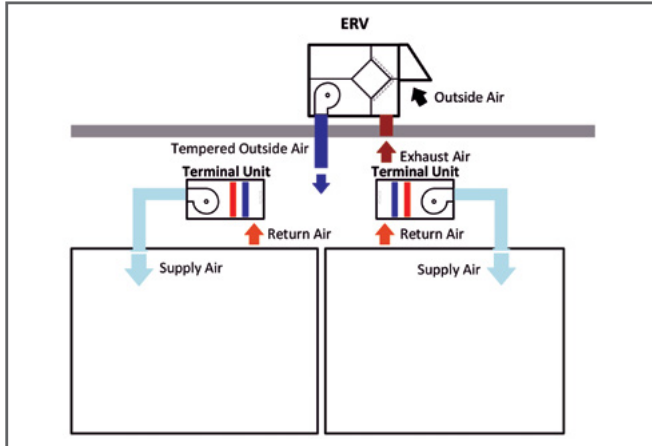
- ♦ Variable refrigerant flow/volume
- ♦ Active chilled beam
- ♦ Fan coils

DIRECT-TO-ZONE WITH TERMINAL UNITS



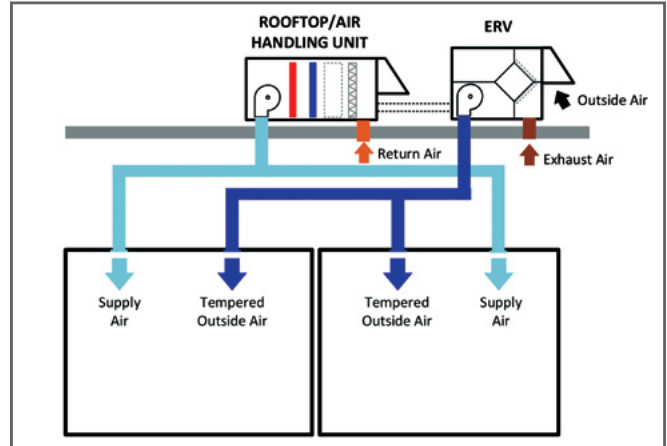
- ♦ Variable refrigerant flow/volume
- ♦ Chilled beam
- ♦ Fan coils
- ♦ Radiant floor heating & cooling
- ♦ Heat pumps
- ♦ Packaged terminal air conditioning

SUPPLY AIR TO MIXING BOXES FOR INDOOR TERMINAL UNITS OR ROOFTOPS



- ♦ Variable refrigerant flow/volume
- ♦ Chilled beam
- ♦ Fan coils

DIRECT-TO-ZONE WITH ROOFTOP OR ALTERNATIVELY TO MIXING BOX OF ROOFTOP UNITS (See dotted line)



Rooftop applications shown, configuration can be applied to indoor units