



2025 Refrigerant Transition



Ecoer Chooses R454B

Based on the DOE's latest proposed regulation, all HVAC manufacturers in the United States will be transitioning their product lines to incorporate low-GWP refrigerants due to recent environmental legislation. New Ecoer heat pumps will utilize a next generation refrigerant, **R-454B, with a GWP rating of 466.**

- R454B is well below the required Environmental Protection Agency (EPA) US GWP limit set at 700, which complies with North American GWP requirements and building codes in most states and provinces.
- Performance is equivalent to or even better than R410A, with large capacity and high efficiency.
- Reduce carbon emissions and create a better future for the environment.

How will this impact R410A?

The R410A Heat pumps and air-conditioner systems will not be manufactured after December 31, 2024. Equipment produced before the January 1, 2025 deadline can, under certain circumstances, be legally sold and installed.

R410a split products

R410a split products produced in 2024 or prior can be installed with no restrictions through the end of 2025.

R410a packaged products

R410a packaged products produced in 2024, or prior, can be sold/installed with no restrictions through 2027

R410A equipment

R410A equipment that has already been produced can be installed as a component, meaning only to repair an existing system after December 31st, 2025.

New Product Plan



Ecoer's R454B product will be launched in Q1 2025



New TDi Pro R454B Heat Pump

- High efficiency - Up to 20.5 SEER2
10 HSPF2
13 EER2
- Salt-resistant aluminum fin resistant to harsh salt air.
- Braze-less connections - zoomlock MAX press fittings eliminate the risks and cost of brazing and fire spotters.
- Refrigerant auto charge.
- Wireless connectivity.
- 10-year limited parts and labor warranty

New TDi Air Handlers

- Constant airflow motor - even if static pressure changes, the motor output is automatically adjusted to keep the airflow constant.
- Auto airflow or 2-stage airflow control for your option.
- Compatible with 115V and 230V voltage.
- EEV control - control the refrigerant flow more precisely when compared to TXV
- Multi-position Installation - upflow or horizontal right standard, field convertible to horizontal left or downflow
- Oxygen-free copper evaporator - design to withstand the rigors of harsh environments.

Ducted Split Heat Pump

R410a Current Model	New R454B model
EODA19H-2436AAA	EODA19H-2436ABA
EODA18H-2436BAA	
EODA19H-4860AAA	EODA19H-4860ABA
EODA18H-4860BAA	
ESCA16H-36	ESCA16H-36ABA
ESCA16H-60	ESCA16H-60ABA

Air Handlers

R410a Current Model	New R454B model
EAHATN-24BAA	EAHDEN-24ABA
EAHATN-36BAA	EAHDEN-36ABA
EAHATN-48BAA	EAHDEN-48ABA
EAHATN-60BAA	EAHDEN-60ABA
EAHETN-36HA	EAHETN-36HB
EAHETN-60HA	EAHETN-60HB
EAHAEC-36	EAHDEC-36ABA
EAHAEC-60	EAHDEC-60ABA

Cased Coils

R410a Current Model	New R454B model
GNC2430APT	EBCT2430ABA
GNC2430BPT	EBCT2430BBA
GNC3036BPT	EBCT3036BBA
GNC4248CPT	EBCT4248CBA
GNC4860CPT	EBCT4860CBA
GNC4860DPT	EBCT4860DBA
SNC36CPT	ESCT3036CBA
SNC48DPT	ESCT4860DBA

Rooftop units

R410a Current Model	New R454B model
ERDA19H-60AAA	ERDA19H-60ABA

