



ECOER TDi PRO

SMART HEAT PUMP

ABOUT ECOER TDi PRO

Introducing the Ecoer TDi Pro smart heat pump, a revolutionary heat pump that meets the CEE requirements and makes consumers eligible for valuable federal rebates. With an impressive EER2 rating of up to 13, this unit provides exceptional energy efficiency, ensuring that hundreds of thousands of homes stay comfortable throughout the year while reducing energy expenses. Join the sustainable movement with the Ecoer TDi Pro – the future of heating and cooling.

Condensing Units:



- Up to 13 EER2 / 20.5 SEER2
- All combinations are eligible for IRA tax credit
- All combinations meet the requirements of Cold Climate Energy Star (HCR at 5°F/47°F up to 81.7%)*
- Dual fuel available
- Line set of up to 150 ft.
- Refrigerant auto charge
- Wider fin heat exchanger applied
- Filter dryer supplied with unit

*Higher heating capacity on low ambient temperature

Air Handling Units:



- Offer better comfort and energy efficiency with the two-stage auto airflow*
- Low airflow feature for higher energy saving
- Improved dehumidification
- Resettable fuse on PCB
- Automatic airflow
- Anti-cold air function in heating mode
- Anti-frozen function in cooling mode

*Thermostats with signals of Y1 and Y2 are required

New Wi-Fi Programmable Thermostat EST02



- Voice command control
- Up to 4H2C
- 7-day / 8-period programming
- Built-in weather forecast
- OTA upgrade available
- Power-off memory
- Filter change remind

Ecolink Internet-based Gateway ELG02 & ELO02



- Based on current Internet access, no 4G LTE required, no more extra data charges
- One Gateway to receive data of multiple adaptors for higher efficiency
- Lower power consumption with LPWAN technology
- More reliable communication

Condensing Unit Dimensions

Models	W	H	D
EODA19H-2436A	29-1/8	24-15/16	29-1/8
EODA19H-4860A	29-1/8	33-3/16	29-1/8

Air Handler Dimensions

Models	W	H	D
EAHATN-24B	21	46-1/2	21
EAHATN-36B	21	46-1/2	21
EAHATN-48B	24-1/2	56	21
EAHATN-60B	24-1/2	56	21



Ecoer TDi Pro*

Series	24K	36K	36K Ultra	48K	60K
AHRI Reference NO.	214660539	214660540	214660564	214660541	214660542
Capacity					
Cooling Capacity (BTU)	24000	34200	35200	47000	54000
Heating Capacity (BTU)	24000	36000	36000	48000	55000
Load	25%-110%	25%-110%	25%-110%	25%-110%	25%-110%
SEER2	20.5	19.5	19.5	19	18.5
EER2	13	12	12.5	12.5	11.7
HSPF2	9.5	9.5	9.5	9.5	9.5
COP at 5°F	2.1	2.0	1.9	2.1	1.9
HCR at 5°F/47°F	81.7%	70.0%	81.1%	71.7%	70.0%
Component					
Compressor	Variable Speed				
Fan Motor	Multi-speed				
Outdoor Metering Device	Electronic Expansion Valve				
Indoor Metering Device	Non-bleed R410A TXV				
High Pressure Sensor	•	•	•	•	•
Low Pressure Sensor	•	•	•	•	•
Compressor Noise Canceling Jacket	•	•	•	•	•
Refrigerant Accumulator	•	•	•	•	•
Field Setting					
Dehumidification Mode	•	•	•	•	•
High Capacity Mode	•	•	•	•	•
Silent Mode	•	•	•	•	•
Special Functions					
Auto Charge	•	•	•	•	•
Remote Alert*	•	•	•	•	•
History Data Review*	•	•	•	•	•
Quick Registration*	•	•	•	•	•

*Ecoer TDi Pro
Ecoer TDi Pro marked system has high energy efficiency by meeting below requirements:
EER2 ≥ 11.7;
All the combinations of Ecoer TDi Pro are eligible for potential IRA tax credit for both south and north

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