

# Technical Information

Series	CS			
	24K	36K	48K	60K
AHRI Reference NO.	202337969	202110525	202337970	202110527
ICC-SRCC OG100 Ref NO.	10002093			
<b>Capacity</b>				
Cooling Capacity(BTU/h)	23400	34200	45000	54000
Heating Capacity(BTU/h)	24000	36000	47000	54000
Load	25%-110%			
SEER (Effective)	20.0 (40.0)*	18.0 (40.0)*	17.0 (40.0)*	17.0 (40.0)*
HSPF (Effective)	10.0 (16)*	10.0 (16)*	9.5 (16)*	9.5 (16)*
<b>Component</b>				
Compressor	Variable			
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 Cancelling Jacket	•	•	•	•
Refrigerant Accumulator	•	•	•	•
<b>Field Setting</b>				
Dehumidification Mode	•	•	•	•
High Capacity Mode	•	•	•	•
Silent Mode	•	•	•	•

CONDENSING SECTION MODEL SIZES			
Models	Height(H)	Width(W)	Depth(D)
2436	59-15/16	29-1/8	29-1/8
4860	68-3/16	29-1/8	29-1/8

Standard Features:

- Up to 40 SEER/16 HSPF (Effective)
- Fully modulating inverter drive
- Capacity load from 25%-110%
- Sound levels as low as 40dB
- Compress equipped with noise cancelling jacket
- Compatible with most 24V thermostats
- Low temperature field setting
- Dehumidification mode specifically designed for high humidity areas
- Refrigerant Auto charge feature
- Intelligent control
- Backup Operation up to 2 failed sensors

AIR HANDLER SECTION MODEL SIZES				
Models	Series	Height(H)	Width(W)	Depth(D)
24/36	E series	46-1/2"[1180]	21"[533]	21"[533]
48/60		56"[1422]	24-1/2"[622]	21"[533]

Standard Features:

- Multi-speed ECM blower motor
- Factory installed TXV
- Multi-position Installation
- Multiple electrical entry locations
- Field installed heater kits 5, 10,15,20KW
- Two front panels (upper and lower) for easy serving
- Slide rail design for motor and coil for easy installation and maintenance
- Horizontal and vertical drain pan pre-installed
- Plastic primary drain pan
- Cooperating with Ecoer thermostat, E series can automatically switch to low speed to get even better dehumidification control



\* The unique nature of the Climate Saver heat pump requires efficiency testing by two separate certification bodies. AHRI tests the heat pump efficiency without the thermal cell component, while ICC/SRCC tests the thermal cell component independently. The scientific relationship of heat to pressure enables us to convert the ICC/SRCC results into an effective SEER/EER/HSPF which is combined with the AHRI certified SEER/EER/HSPF to generate the overall effective results we have achieved in testing.