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Comfort. perfected.



ECOER SDi A-COIL

About SDi A-Coil

Prepare to experience the next level of efficiency with our new SDi A-Coil. A revolutionary addition to the SDi product line.Crafted with precision and engineered for optimal performance, this aluminum coil sets a new standard for heat transfer and reliability. The advanced design ensures maximum efficiency, providing a key component to enhance the overall performance of your heating and cooling system. Stay ahead of the curve with the cutting-edge technology embodied in the SDi A-Coil, where innovation meets excellence for a superior climate control experience.



FEATURES

01 **Premium Heat Exchanger -** Crafted with improved aluminum fins and tubing featuring internal grooves for superior performance.

02 **Insulation-Enhanced Enclosure -** The cabinets enclosing the evaporator coil are thermally insulated with foil-faced insulation, effectively preventing condensation. (Applicable to cased coil configurations only)

03 **Versatile Installation Options -** The cased coil is equipped with two drain pans, facilitating multi-position installations. (Applicable to cased coil configurations only)

04 **Broad Compatibility -** Our A-coils are designed to seamlessly match with Ecoer unitary products, as well as a variety of popular gas furnaces and split systems from other reputable brands.

05 **UL Listed**

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Dimensions (In.)			
Model	H	W	D
SNC36CPT	24	21	21
SNC48DPT	28	24-1/2	24-1/2



Series	Ecoer SDi A-Coil	
	36K	48K
AHRI Reference NO.	213386490	213880755
Condensing Unit	ESCA16H-36	ESCA16H-60
IDU (A-Coil)	SNC36CPT	SNC48DPT
Cooling Capacity (BTU)	36000	45000
Heating Capacity (BTU)	39000	55000
SEER2	15.2	15.2
EER2	10	10
HSPF2	10	9.2
COP at 5°F	2.0	1.8
HCR at 5°F/47°F	82%	85%
Cold Climate Designation	Yes	Yes
Potential Eligibility for IRA Tax Credit	Yes / North	Yes / North
Component		
Compressor	Variable Rotray	
Fan Motor	ECM	
Outdoor Metering Device	Electronic Expansion Valve	
Indoor Metering Device	R410A TXV	
Compressor Noise Canceling Jacket	√	
IDU Features		
Anti-cold Air Function	√	√
Auto Defrost	√	√
Fast Cool / Heat	√	√
Self-diagnosis & Auto Protection	√	√
Emergency Shut Off	√	√
Fire-proof Electric Box	√	√
Full 4-way Installation	√	√

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