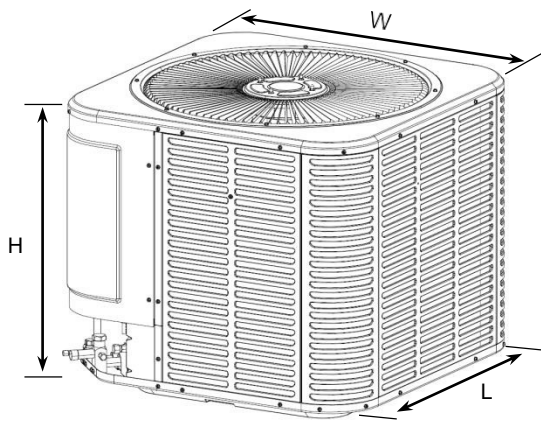




TAG:

SUBMITTAL

Up to 3 Ton Inverter Split System Heat Pump



Product Specifications

OUTDOOR UNIT	EODA18H-2436
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Ampacity	24.4
Max. Over-current Protection	40
COMPRESSOR	Rotary
Speed	Variable
RLA	17.5
LRA	45
Drive method	Inverter
Noise cancelling Jacket	YES
Crankcase heater	NO
OUTDOOR FAN	PROPELLER
Condenser Fan Motor Type	Brushless DC Motor
Horse Power (HP)	1/3
Motor Speed RPM	930
CFM @ 0 in. W.G	3735
FLA	2.5
OUTDOOR COIL TYPE	PLATE FIN
Rows	2
Tube Size (in.)	9/32
Heating Metering Device	EEV
Cooling Metering Device (Indoor side)	TXV
Factory Supplied Refrigerant Charge (R-410A,oz)	The data on nameplate
Superheat at Service Valve	8°F (±2°F)
Sub-cooling at Service Valve	10°F (±2°F)
Liquid Line Size (in. O.D.)	3/8
Suction Line Size (in. O.D.)	3/4
Dimensions (W X H X D)	29-1/8 x 24-15/16 x 29-1/8
Net Weight (LBS)	157
Shipping Weight (LBS)	187
Max. Line Length (FT)	100
Max. Elevation Difference (FT)	50

Sound pressure level (dB)		
EODA18H-2436	2Ton *	3Ton
Standard	63	66
Silent mode	59	63
Supersilent mode	56	60

* Refer to the installation manual for capacity selection.

Mechanical Specifications

Communication Method

Non-Communicating Inverter condensing units which are compatible with most 24Vac controlled thermostats and R-410A indoor units (TXV required).

General

The EODA18H-2436 is fully charged up to 25ft line set from the factory. This unit is designed to operate at outdoor ambient temperatures as high as 122°F in cooling mode, and as low as -3 °F in heating mode. Cooling/Heating capacities are matched with air handler that are AHRI certified. The units are certified to ETL.

Casing

Unit casing is constructed of heavy gauge, Galvanized steel and painted with a weather resistant powder paint on all grilles, panels.

Refrigerant Controls

Refrigeration system controls include condenser fan, compressor inverter drive, electronic expansion valve.

Rotary Compressor

Flexible capacity output from 25%-110%.
Compressor is equipped with Noise-cancelling Jacket.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer.
The coil is protected on all four sides by grille panels.

