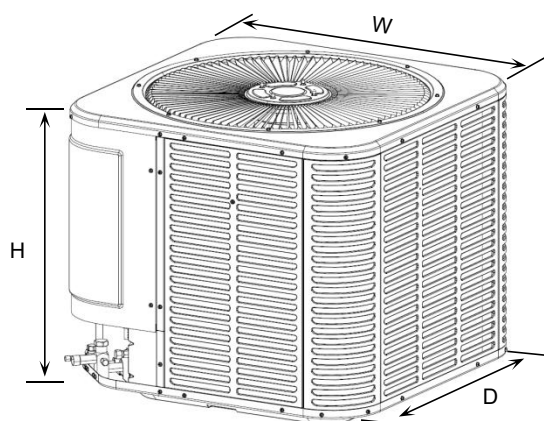




Up to 3 Ton Inverter Split System Heat Pump



TAG:

SUBMITTAL

Product Specifications

| | | |
|--|--|--|
| OUTDOOR UNIT | EODA18H-2436 | |
| Voltage-Phase-Hz | 208/230-1-60 | |
| Minimum Circuit Ampacity | 24.4 | |
| Max. Over-current Protection | 40 | |
| COMPRESSOR | Variable rotary | |
| RLA | 17.5 | |
| LRA | 45 | |
| Drive Method | Inverter | |
| Noise-cancelling Jacket | Factory installed | |
| Crankcase Heater | Internal heating | |
| 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 | Copper tube with hydrophilic aluminum fins | |
| Rows | 2 | |
| Tube Size (in.) | 9/32 | |
| Heating Metering Device | EEV | |
| Cooling Metering Device (Indoor side) | TXV | |
| Factory Supplied Refrigerant Charge (R-410A, oz) | 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 × 24-15/16 × 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 |
| Super silent 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 and reversing 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.

