



TAG:

SUBMITTAL

5 Ton Inverter Split System Heat Pump



Product Specifications

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|--|--------------------------------|
| OUTDOOR UNIT | ESCA16H-60 |
| Voltage-Phase-Hz | 208/230-1-60 |
| Minimum Circuit Ampacity | 42 |
| Max. Over-current Protection | 60 |
| Cooling(Standard conditions) (BTU/h) | 55000 |
| Heating(Standard conditions) (BTU/h) | 59000 |
| Heating(5°F) (BTU/h) | 48500 |
| COMPRESSOR | Variable rotary |
| RLA | 26.2 |
| Drive Method | Inverter |
| Noise-cancelling Jacket | Factory installed |
| OUTDOOR FAN Qty | 2 |
| Condenser Fan Motor Type | Brushless DC Motor |
| Motor input (W) | 126 |
| Motor output (W) | 85 |
| Motor Speed RPM | 850/750/650 |
| CFM (MAX) | 4500 |
| FLA (A) | 1.2 |
| Noise level [dB(A)] | 63.5 |
| OUTDOOR COIL TYPE | Copper tube with aluminum fins |
| Heating Metering Device | EEV |
| Cooling Metering Device (Indoor side) | EEV |
| Factory Supplied Refrigerant Charge (R-410A, oz) | Data on nameplate |
| Liquid Line Size (in. O.D.) | 3/8 |
| Suction Line Size (in. O.D.) | 7/8 |
| Dimensions (W X H X D) | 37.5 × 52.5 × 16.3 |
| Net Weight (LBS) | 240 |
| Shipping Weight (LBS) | 271.6 |
| Max. Line Length (FT) | 213.3 |
| Max. Elevation Difference (FT) | 98.4 |

Mechanical Specifications

Communication Method

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

2-wire communicated wiring could be realized with EAHAEC AHU

General

The ESCA16H-60 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 -22 °F in heating mode. Cooling/Heating capacities are matched with air handler that are AHRI certified. The units are certified to UL

Refrigerant Controls

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

Rotary Compressor

Flexible capacity output from 28%-130%.

Compressor is equipped with Noise-cancelling Jacket.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer.

