

SUBMITTAL



Product Specifications

OUTDOOR UNIT	COH16S-60AAA
Voltage-Phase-Hz	208/230-1-60
Minimum Circuit Ampacity	32.5
Max. Over-current Protection	50
COMPRESSOR	Variable rotary
RLA	24
LRA	58.1
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
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
Liquid Line Size(in. O.D.)	3/8
Suction Line Size (in. O.D.)	7/8
Dimensions(W X H X D)	29-1/8 × 33-3/16 × 29-1/8
Net Weight (LBS)	190
Shipping Weight (LBS)	220
Max. Line Length (FT)	100
Max. Elevation Difference (FT)	50



Up to 5 Ton Variable Speed Split Heat Pump System

Sound pressure level (dB)

COH16S-60AAA	4Ton *	5Ton
Standard	70	72
Silent mode	64	66
Super silent mode	61	62

* 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 COH16S-60AAA 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 sound blanket.

Condenser Coil

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

