

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted To: \_\_\_\_\_

For:  Reference  Approval  Construction

Submitted By: \_\_\_\_\_

Date: \_\_\_\_\_

Unit Designation: \_\_\_\_\_

**Capacities:**

Heating Capacity	47,800 Btu/h
Heating Input Power	3.30 kW
Cooling Capacity	59,100 Btu/h
Cooling Input Power	5.94 kW
COP	4.3
EER	10.0

Measuring conditions: Heating Ta DB/WB 44.6°F/42.8°F(7/6°C); LWC 95°F (35°C); (DT=9°F(5°C)  
Cooling Ta 95°F(35°C); LWE 64.4°F (18°C); (DT=9°F(5°C))

**Operating Range:**

Cooling Temp. (Min/Max)	50/114.8°F (10/46°C)
Heating Temp. (Min/Max)	-4/95°F (-20/35°C)
Domestic Hot Water Temp. (Min/Max)	*-4/109.4°F (-20/43°C)

\*Booster heater operation from 95°F (35°C) onwards

**Sound Pressure Level:**

Heating	51 (dBA)
Cooling	52 (dBA)

**Fan:**

Fan Type x Quantity	Propeller Fan x 2
Drive	Brushless DC motor
Output	70 W

**Power Supply:**

V/PH/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	26.5 Amps
Maximum Overcurrent Protection (MOP)	30 Amps

**Refrigerant & Piping:**

Refrigerant Type/Charge	R-410A/8.15 lbs
Liquid Piping (OD)	3/8" (Flare)
Suction Gas Piping (OD)	5/8" (Flare)
Max Pipe Length (total)	246 ft
Chargeless	98.4 ft
Vertical limit	98.4 ft

**Additional charging of refrigerant**

98.4 ~ 131.2 ft (1.10 lbs)	131.23 ~ 164.04 ft (2.20 lbs)
164.04 ~ 196.85 ft (3.31 lbs)	196.85 ~ 246.06 ft (4.41 lbs)

**Unit Data:**

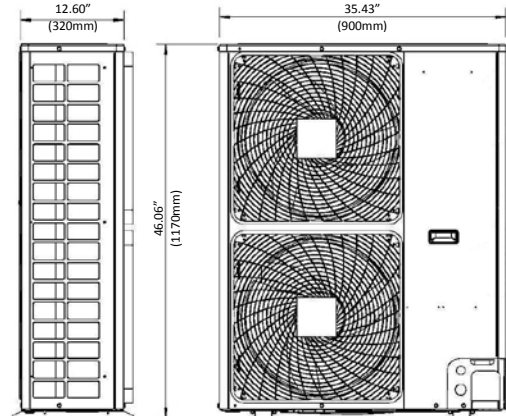
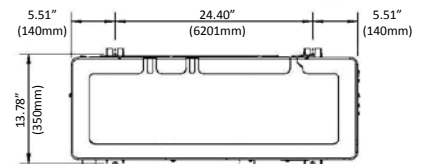
Dimensions (HxWxD)	46-1/16 x 35-7/16 x 12-5/8
Weight	227 lbs

**Standard Features:**

Compressor warranty from date of installation	7 years
Parts warranty	5 years
Limited labor warranty	1 year



**R-410A**



For further information about the installation, please refer to the Installation and Engineering Guides

