

SUBMITTAL DATA: FA-H09-A20TL

9,000 BTU E-20 Series Wall-Mounted Heat Pump

Job Name	Location	Date		
Purchaser	Engineer			
Submitted To	For	<input type="checkbox"/> Reference	<input type="checkbox"/> Approval	<input type="checkbox"/> Construction
Unit Designations	Schedule No.			

GENERAL FEATURES

- Compact and quiet design
- Wireless remote control with LCD display
- WiFi connectivity
- Wired controller (sold separately)
- Intelligent defrost
- Low ambient cooling to -15 °C (5 °F)
- Low ambient heating to -25 °C (-13 °F)

PRODUCT IMAGE

SYSTEM RATINGS
Cooling Performances

Rated Capacity	BTU/hr	9000
Rated Power Input	W	750
SEER	BTU/W*hr	20.0
EER	BTU/W*hr	12.0

Heating Performances at -8 °C (47 F)

Rated Capacity	BTU/hr	9500
Rated Power Input	W	810
HSPF	BTU/W*hr	10.5
COP	W/W	3.4

Cooling Operating Range	°C (°F)	-15 to 50 (5 to 122)
Heating Operating Range	°C (°F)	-25 to 30 (-13 to 86)

REFRIGERANT PIPING DATA

Outer Diameter of Gas Pipe	mm (in)	9.52 (3/8)
Outer Diameter of Liquid Pipe	mm (in)	6.35 (1/4)
Connection Method	—	Flared
Factory Charge	g (oz)	810 (28.57)
Additional Charge	g/m (oz/ft)	20 / 0.22
Pre-Charge Length	m (ft)	7.5 (24.6)
Max Refrigerant Pipe Length	m (ft)	15 (49.2)
Max Refrigerant Pipe Elevation	m (ft)	10 (32.8)

INDOOR UNIT DATA

Fan Motor Type	—	Variable Speed
Moisture Removal Capacity	L/hr (pt/hr)	1.10 (2.32)
Airflow Volume	m³/hr (CFM)	600 / 490 / 425 (353 / 288 / 250)
Sound Pressure Level	db(A)	42 / 39 / 34 / 29 / 27
Dimensions (W x H x D)	mm (in)	811 × 205 × 292 (31.92 × 8.07 × 11.49)
Weight (Net/Gross)	kg (lb)	9.0 / 11.0 (19.8 / 24.2)

OUTDOOR UNIT DATA

Compressor Type	—	Inverter
Refrigerant Type	—	R410A
Airflow Volume	m³/hr (CFM)	2290 (1350)
Sound Pressure Level	db(A)	50
Dimensions (W x H x D)	mm (in)	728 × 550 × 305 (28.66 × 21.65 × 12.01)
Weight (Net/Gross)	kg (lb)	27.5 / 30 (60.6 / 66.1)

ELECTRICAL DATA

Normal Operational Voltage	V / Hz / phase	115 / 60 / 1
Rated Current	A	6.7 / 7.3
MOCP / Breaker Size	A	25

