

SUBMITTAL DATA: FA-H36-D20TL

36,000 BTU E-20 Series Wall-Mounted Heat Pump

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For	☐ Reference ☐ Approval ☐ 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	36000
Rated Power Input	W	4080
SEER	BTU/W*hr	17.00
EER	BTU/W*hr	9.0

Heating Performances at -8 °C (47 F)

Rated Capacity	BTU/hr	36000
Rated Power Input	W	4080
HSPF	BTU/W*hr	8.5
COP	W/W	2.80

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)	15.88 (5/8)
Outer Diameter of Liquid Pipe	mm (in)	ø 9.52 (3/8)
Connection Method	—	Flared
Factory Charge	g (oz)	2450 (86.42)
Additional Charge	g/m (oz/ft)	30 / 0.32
Pre-Charge Length	m (ft)	7.5 (24.6)
Max Refrigerant Pipe Length	m (ft)	30 (98.4)
Max Refrigerant Pipe Elevation	m (ft)	20 (65.6)

INDOOR UNIT DATA

Fan Motor Type	—	Variable Speed
Moisture Removal Capacity	L/hr (pt/hr)	3.00 (6.34)
Airflow Volume	m³/hr (CFM)	1440 / 1190 / 1000 (847 / 700 / 588)
Sound Pressure Level	db(A)	51 / 48 / 43 / 38 / 35
Dimensions (W x H x D)	mm (in)	1186 × 260 × 340 (46.69 × 10.23 × 13.38)
Weight (Net/Gross)	kg (lb)	18.0 / 22.8 (39.7 / 50.3)

OUTDOOR UNIT DATA

Compressor Type	—	Inverter
Refrigerant Type	—	R410A
Airflow Volume	m³/hr (CFM)	3580 (2110)
Sound Pressure Level	db(A)	58
Dimensions (W x H x D)	mm (in)	900 × 805 × 360 (35.43 × 31.69 × 14.17)
Weight (Net/Gross)	kg (lb)	59.5 / 63.0 (131.2 / 138.9)

ELECTRICAL DATA

Normal Operational Voltage	V / Hz / phase	230 / 60 / 1
Rated Current	A	17.7 / 16.7
MOCP / Breaker Size	A	20

