



12,000 BTU/H WALL MOUNTED IDU

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

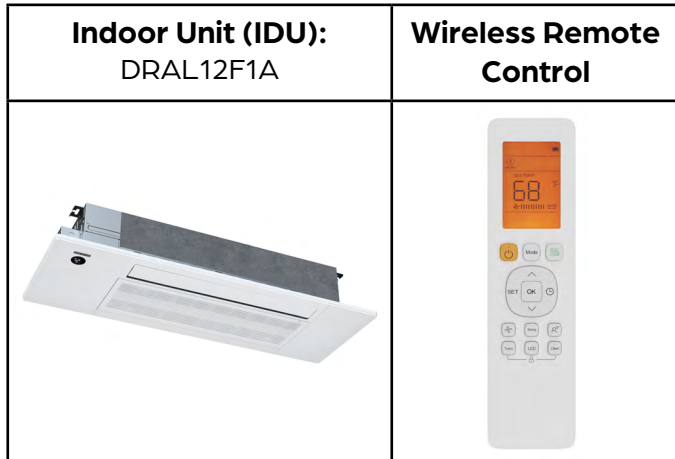
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____



PRODUCT FEATURES

- Single or multi-zone compatible
- Wireless Remote Control with "Follow Me" Technology
- Slim design for easy install between 16" joists
- Serviceable from below
- Washable filter
- Humidity sensor
- Built in drain pump
- Sleep Mode
- Turbo Mode
- 24-Hour Timer Feature
- Quiet operation as low as 32.5 dB
- High efficiency up to 23 SEER2

| SPECIFICATIONS | | |
|----------------------------|--------------------------|------|
| Cooling Capacity (BTU/hr) | 12000 | |
| Heating Capacity (BTU/hr) | 12500 | |
| Voltage/Phase/Frequency | 208-230V, 1 Phase, 60 Hz | |
| Voltage Range | 187-253V | |
| Indoor Unit Air Flow (CFM) | Low | 247 |
| | Medium | 282 |
| | High | 312 |
| Drain Port O.D. | 1" | |
| Drain Port Lift | 20.8 | |
| Recommended Breaker (Amps) | 15 | |
| Sound Pressure (dB(A)) | Low | 34.5 |
| | Medium | 38.5 |
| | High | 40.5 |
| Refrigerant | R410A | |

| LINE SET REQUIREMENTS | |
|-----------------------|------------------|
| Connection Type | Flare |
| Liquid | Ø1/4" (Ø12.70mm) |
| Gas | Ø1/2" (Ø9.52mm) |

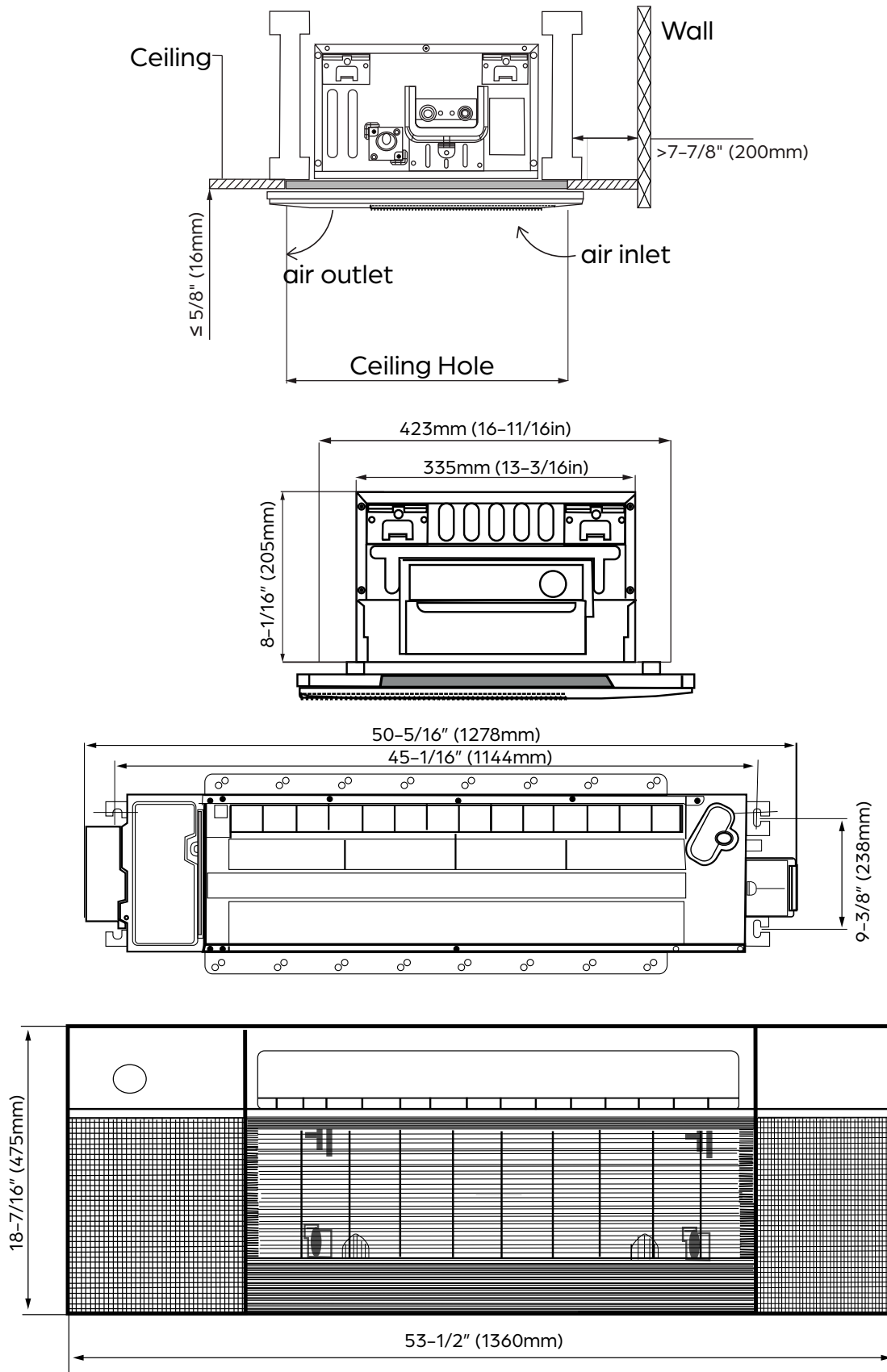
| DIMENSIONS AND WEIGHT | | |
|-----------------------|-----------|----------|
| Unit Dimensions | Width | 50-5/16" |
| | Depth | 13-3/16" |
| | Height | 9" |
| Carton Dimensions | Width | 57-5/8" |
| | Depth | 22-1/2" |
| | Height | 22-1/2" |
| Net Weight | 60.7 lbs. | |
| Gross Weight | 82.9 lbs. | |





12,000 BTU/H WALL MOUNTED IDU

IDU DIMENSIONS - DRAL12F1A





18,000 BTU/H WALL MOUNTED IDU

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

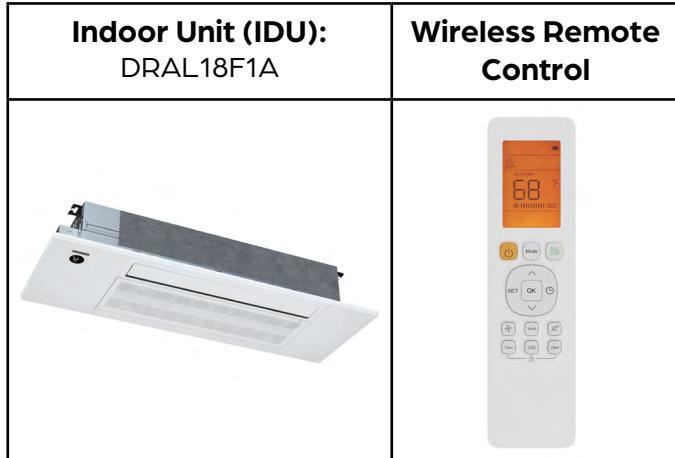
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____



PRODUCT FEATURES

- Single or multi-zone compatible
- Wireless Remote Control with "Follow Me" Technology
- Slim design for easy install between 16" joists
- Serviceable from below
- Washable filter
- Humidity sensor
- Built in drain pump
- Sleep Mode
- Turbo Mode
- 24-Hour Timer Feature
- Quiet operation as low as 35 dB
- High efficiency up to 21 SEER2

| SPECIFICATIONS | | |
|----------------------------|--------------------------|-----|
| Cooling Capacity (BTU/hr) | 18000 | |
| Heating Capacity (BTU/hr) | 19000 | |
| Voltage/Phase/Frequency | 208-230V, 1 Phase, 60 Hz | |
| Voltage Range | 187-253V | |
| Indoor Unit Air Flow (CFM) | Low | 207 |
| | Medium | 300 |
| | High | 352 |
| Drain Port O.D. | 1" | |
| Drain Port Lift | 20.8 | |
| Recommended Breaker (Amps) | 15 | |
| Sound Pressure (dB(A)) | Low | 34 |
| | Medium | 41 |
| | High | 44 |
| Refrigerant | R410A | |

| LINE SET REQUIREMENTS | |
|-----------------------|-----------------|
| Connection Type | Flare |
| Liquid | Ø1/4" (Ø6.35mm) |
| Gas | Ø1/2" (Ø12.7mm) |

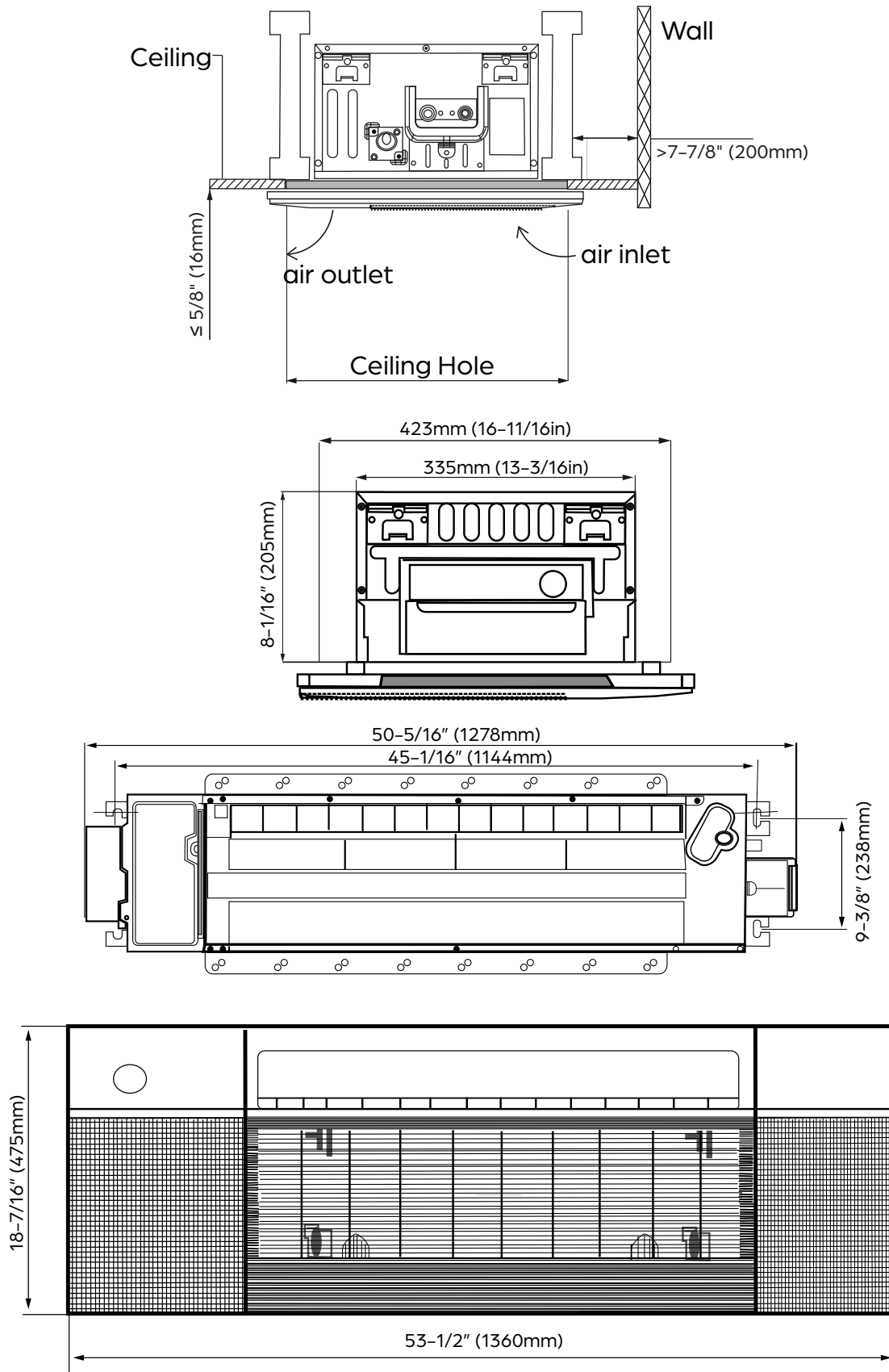
| DIMENSIONS AND WEIGHT | | |
|-----------------------|-----------|----------|
| Unit Dimensions | Width | 50-5/16" |
| | Depth | 13-3/16" |
| | Height | 9" |
| Carton Dimensions | Width | 57-5/8" |
| | Depth | 22-1/2" |
| | Height | 22-1/2" |
| Net Weight | 60.7 lbs. | |
| Gross Weight | 82.9 lbs. | |





18,000 BTU/H WALL MOUNTED IDU

IDU DIMENSIONS - DRAL18F1A





SIRIUS HEAT™

55,000 BTU/H SIRIUS HEAT MULTI-ZONE HEAT PUMP

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

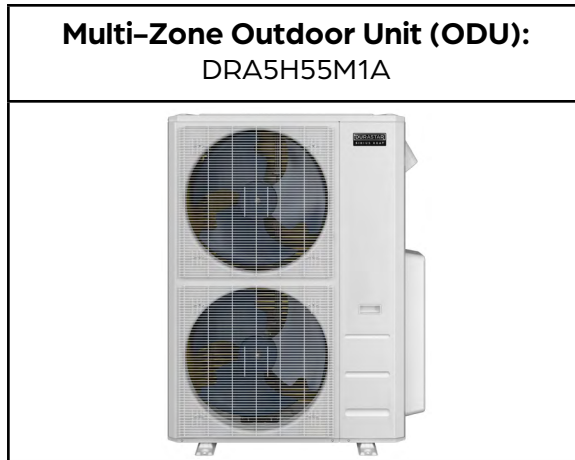
ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

REFERENCE _____

SUBMITTED BY _____ DATE _____



PRODUCT FEATURES

- High heating capacity at 0°F
- Variable speed inverter compressor
- Low ambient heating down to -22°F
- Low ambient cooling down to 5°F
- Quiet operation
- Included base pan heater
- Auto restart
- Anti-corrosive coil coating
- Port adaptors included

| SYSTEM DATA | |
|--------------------------|--------------------|
| Refrigerant Type | R-410A |
| Refrigerant Charge (oz.) | 162.26 |
| Design Pressure (PSIG) | 550/340 |
| Outdoor Coil Coating | Golden Fin Coating |

| CAPACITIES | | DUCTLESS | MIXED | DUCTED |
|-----------------------------------|---------------------|----------|-------|--------|
| Cooling (BTU/hr) | Rated ¹ | 55000 | 55000 | 55000 |
| | at 5°F ³ | 43410 | 40660 | 37910 |
| | Minimum | 11600 | 15500 | 19400 |
| | Maximum | 56900 | 57000 | 57100 |
| Heating (BTU/hr) | Rated ² | 55000 | 55000 | 55000 |
| | at 5°F ⁴ | 45500 | 45750 | 46000 |
| | Minimum | 33000 | 48500 | 15500 |
| | Maximum | 63000 | 62300 | 61600 |
| Nominal ODU Capacity ⁵ | | 55000 | | |

| EFFICIENCY DATA | DUCTLESS | MIXED | DUCTED |
|-----------------|----------|-------|--------|
| SEER2 | 20.00 | 19.40 | 18.80 |
| EER2 | 10.50 | 10.50 | 10.50 |
| HSPF2 | 9.50 | 9.40 | 9.30 |
| SEER | 19.00 | 19.00 | 19.00 |
| EER | 10.50 | 10.50 | 10.50 |
| HSPF | 10.80 | 10.90 | 11.00 |
| COP at 47°F | 3.20 | 3.20 | 3.20 |
| COP at 5°F | 1.80 | 1.85 | 1.90 |



Specifications are subject to change without notice.
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55,000 BTU/H SIRIUS HEAT MULTI-ZONE HEAT PUMP

SPECIFICATIONS - DRA5H55M1A

SIRIUS HEAT™

| LINE SET REQUIREMENTS | |
|---|--|
| Connection Type | Flare |
| Liquid | 5 x Ø1/4" (Ø6.35mm) |
| Gas | 3 x Ø3/8" (Ø9.52mm) 2 x Ø1/2" (Ø12.7mm) |
| Refrigeration Adaptors Included | 3 x 3/8" -- 1/2" 2 x 1/2" -- 3/8" 2 x 1/4" -- 3/8" 2 x 1/2" -- 5/8" |
| Minimum Indoor Units Connected | 2 |
| Pre-Charge Length | 123' |
| Maximum Length (combined IDUs) | 263' |
| Maximum Length (per IDU) | 115' |
| Minimum Length (per IDU) | 10' |
| Max. Height Differential between IDU and ODU | 49' |
| Max. Height Differential between IDUs | 33' |
| Additional Refrigerant for Ø1/4" Liquid Pipe (oz./ft) | 0.161 |
| Additional Refrigerant for Ø3/8" Liquid Pipe (oz./ft) | 0.322 |

| OUTDOOR UNIT DATA | | |
|-------------------------------|--------------|----------|
| Unit Dimensions | Width | 37-1/2" |
| | Depth | 16-5/16" |
| | Height | 52-1/2" |
| Carton Dimensions | Width | 43-1/8" |
| | Depth | 19-1/2" |
| | Height | 58-1/4" |
| Net Weight | 233 lbs. | |
| Gross Weight | 266 lbs. | |
| Cooling Operating Temperature | 5°F - 122°F | |
| Heating Operating Temperature | -22°F - 75°F | |
| Airflow (CFM) | 4500 | |
| Sound Pressure (dB(A)) | 61 | |
| Fan Speed (r/min) | Low | 750 |
| | Medium | 800 |
| | Medium | 850 |
| | High | 900 |
| Fan Motor Current Type | DC | |

| ELECTRICAL DATA | DUCTLESS | | DUCTED | |
|---|-------------------------|--------------------------|--------|--|
| | Voltage/Phase/Frequency | 208-230V, 1 Phase, 60 Hz | | |
| Voltage Range | 187-253V | | | |
| Recommended Breaker (Amps) | 60 | | | |
| Minimum Circuit Ampacity (Amps) | 40 | | | |
| Communication Wire Size | 14*4 AWG Stranded | | | |
| Rated Current - Cooling (Amps) ¹ | 23.5 | | 23.5 | |
| Rated Current - Heating (Amps) ² | 22.5 | | 22.5 | |

| COMPRESSOR | |
|------------------|----------------------------------|
| Type | DC Inverter Twin Cylinder Rotary |
| Oil Type | VG74 |
| Oil Charge (oz.) | 49 (1460mL) |

¹ AHRI Rated at 95°F (A Full).

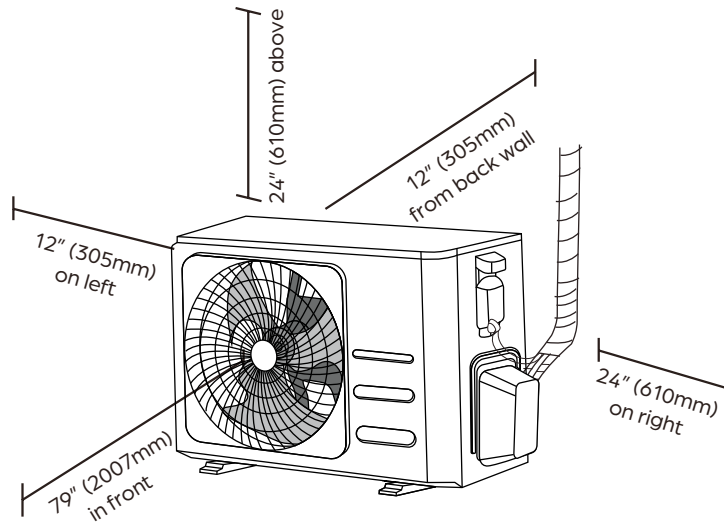
² AHRI Rated at 47°F (H1 Full).

³ Sensible Capacity: Indoor 80°F DB, 67°F WB // Outdoor 5°F DB, 4°F WB

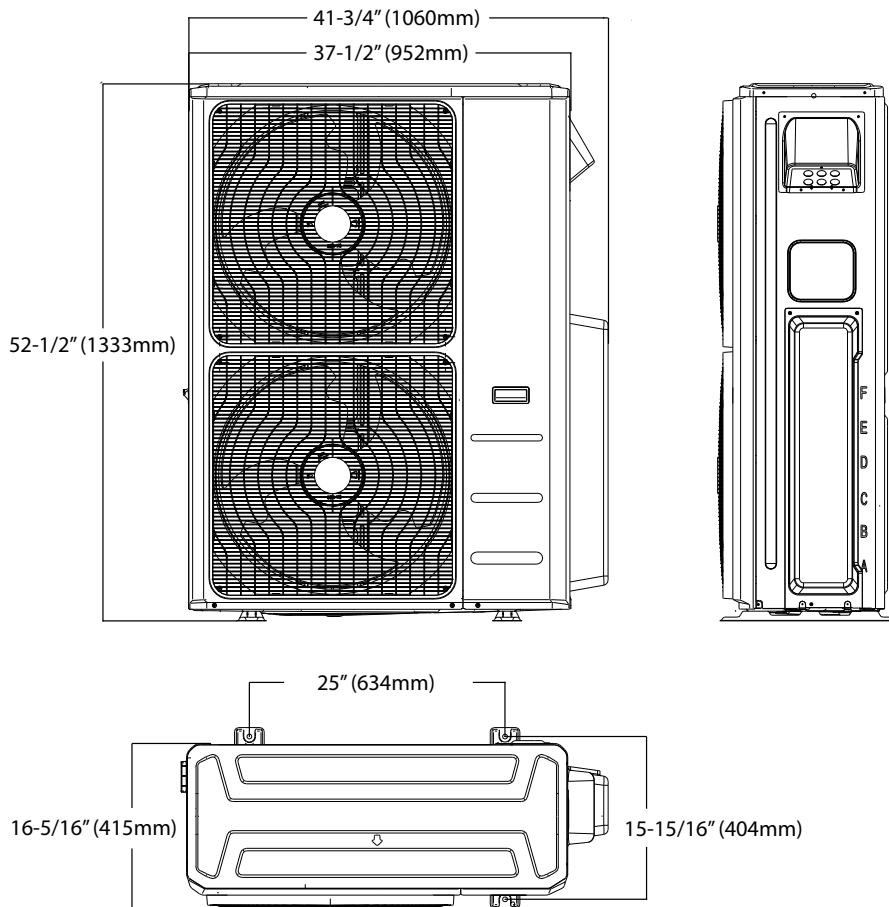
⁴ AHRI Rated Capacity at 5°F (H42)

⁵ If the total indoor unit load exceeds the nominal capacity of the outdoor unit, the practical output capacity of each indoor unit will be correspondingly reduced. This situation is very evident during heating mode.

Clearances



Dimensions



NOTE

- Illustrations in this document are for explanatory purposes. The actual shape of your mini-split equipment may vary slightly.