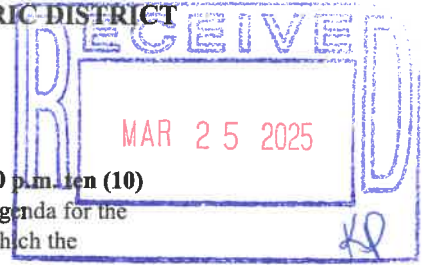


**GENERAL APPLICATION FOR WORK LOCATED WITHIN A HISTORIC DISTRICT**

- ☒ Minor Work ( Complete Section A and refer to General Directions)  
☐ New Construction (Complete Section B and refer to General Directions and Item B)  
☐ Demolition (Complete Section B and refer to General Directions and Item C)

**Application Deadline:** Application and materials must be completed and submitted by 4:00 p.m. ten (10) business days before each Commission Meeting. Late applications will be placed on the agenda for the following month. Decision by the Commission will not necessarily occur at the meeting at which the application materials are first received.

**A) MINOR WORK**

**PROPERTY LOCATION:** 7237 Market Street 051-550-041-00  
(Number) (Street) (Property Tax ID #)

**PROPERTY OWNER**

Name: Bob Gale Email Address: \_\_\_\_\_  
Address: 7237 Market Street Mackinac Island MI 46757  
(Street) (City) (State) (Zip)  
Telephone: 231-818-0104  
(Home) (Business) (Fax)

**APPLICANT/CONTRACTOR**

Name: Belonga Plumbing & Heating Email Address: spaquinbph18@gmail.com  
Address: 115 Elliott Street St. Ignace MI 49781  
(Street) (City) (State) (Zip)  
Telephone: 906-643-9595 906-643-9151  
(Home) (Business) (Fax)

- ☒ Attach a brief description of the nature of the minor work proposed and the materials to be used.  
☒ Attach one or more photograph(s) of the whole building including façade and any relevant elevations showing the area, item or feature proposed to be repaired or replaced. The Building Official or Historic District Commission may require additional information necessary to determine the work to be Minor Work.

If the Building Official determines that the proposed work is not Minor Work, the Building Official shall direct the applicant to complete an Application for New Work and/ or Application for Demolition or Moving work which will then be referred to the HDC.

I certify that the information provided in this Application and the documents submitted with this Application are true to the best of my information, knowledge and belief; and that the property where work will be undertaken has, or will have before the proposed project completion date, a fire alarm system or a smoke alarm complying with the requirements of the Stille-DeRossett-Hale single state construction code act, 1972 PA 230, MLC 125.1501 to 125.1531

Signature: Steve Paquin SIGNATURES: File No. MD25-041-017(4)  
Signature: Exhibit A  
Please Print Name: Steve Paquin Date: 3-25-25  
Contractor Initials: KP

NOTE: All photos, drawings and physical samples, etc., become the property of the HDC/City of Mackinac Island. These may be returned to the applicant upon request after they are no longer needed by the Commission/City.

**RETURN THIS FORM AND SUPPORTING MATERIALS TO:**  
**MACKINAC ISLAND BUILDING OFFICIAL**  
**3758 MARKET STREET, MACKINAC ISLAND, MI 49757**  
**PHONE: (906) 847-4035**

File Number: MD25-041-017(4) Date Received: 3-25-25 Fee: 250 + 100  
Received By: SPERRY Work Completed Date: \_\_\_\_\_

File No. MD25-041-017(H)

Exhibit C

Date 3-25-25

Initials KD

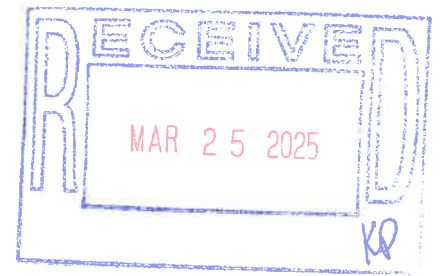
Market street inn

Air conditioning upgrade /addition

General description of work

Upgrade west side of building by adding 2 indoor a/c units to the existing 4 indoor units utilizing line hide painted to match siding. Route to existing location and install new Panasonic heat pumps in place of old units.

Additional work proposed would include cooling up to 4 additional rooms of east side utilizing line hide painted to match the siding and installing up to 2 outdoor condensers in the rear patio area away from view

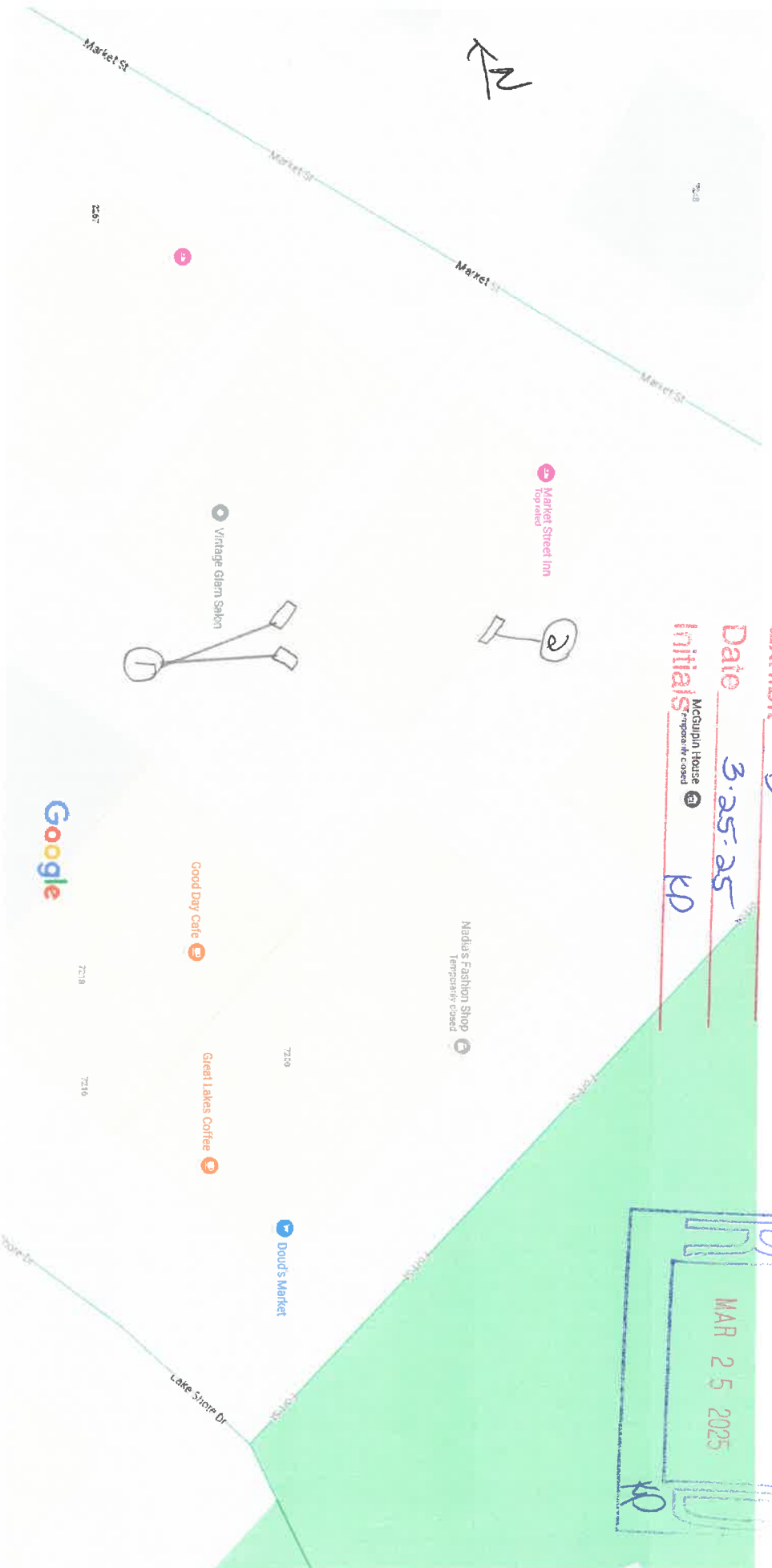


Date 3.25.25

McGuffin House  
Temporary Cased  
GAL

**McGulpin House**  
Temporary closed

MAR 25 2025



- ① Existing Unit that are to be upgraded to Personal
- ② Proposed New Unit to accommodate upgrade (Samsung)

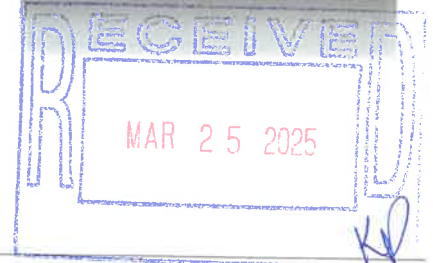
Map data ©2025 10 ft

# Panasonic

## Mult System Outdoor Submittal Data

CU-5E36QBU-5

Multi System Outdoor Unit



Job Name: Market Street Inn  
 Location: Bob Gale  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit#: \_\_\_\_\_  
 Drawing#: \_\_\_\_\_

File No. MD25-041-017(4)

Exhibit E

Date 3.25.25

Initials KP



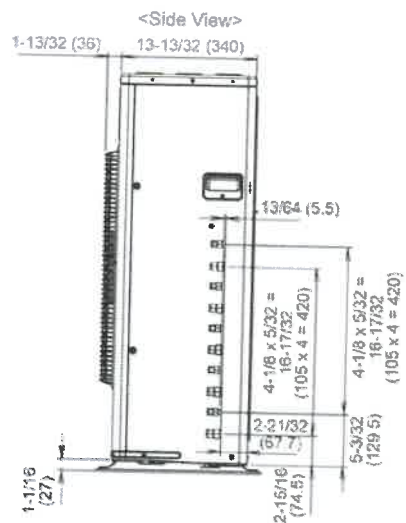
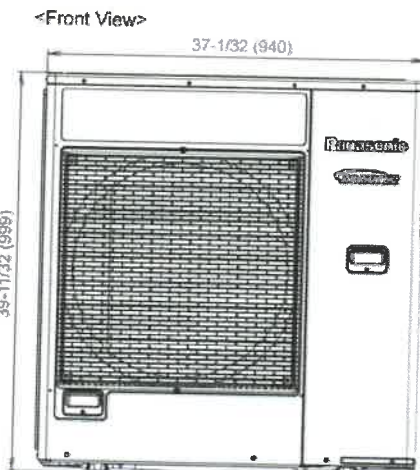
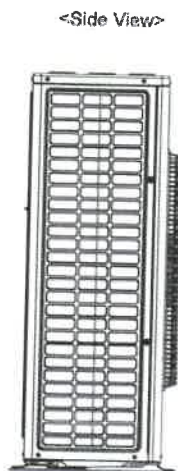
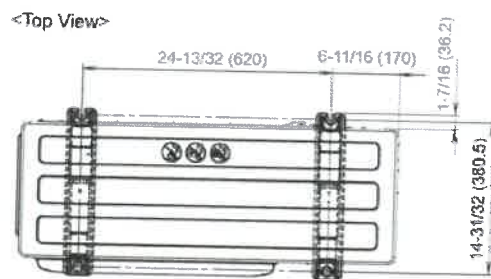
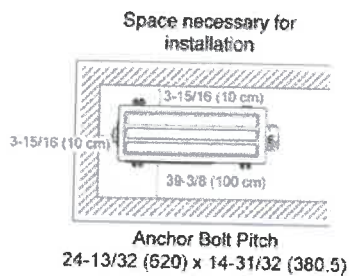
| General Data                       |                                  |
|------------------------------------|----------------------------------|
| Power (V/P/Hz)                     | 230/208/1/60                     |
| Minimum Circuit Ampacity (A)       | 30                               |
| Maximum Overcurrent Protection (A) | 45                               |
| Compressor                         | DC Twin Rotary (Inverter Driven) |
| No. Used                           | 1                                |
| Output Power (W)                   | 1.30K                            |
| Outdoor Unit                       |                                  |
| Fan Type                           | Propeller                        |
| Motor Type                         | DC Motor (8 poles)               |
| Output Power (W)                   | 90                               |
| Airflow (CFM) Cooling/Heating      | 2,512 Cooling / 2,475 Heating    |
| Coil Type                          | Aluminum (Blue Coated)           |
| Fin Type - Pipe Type               | Corrugated Fin                   |
| Coil Type                          | Aluminum Fin & Copper Pipe       |
| Fin Type - Pipe Type               | Corrugated Fin                   |
| Rows - F.P.I.                      | 2/19                             |
| Tube Size (in)                     | 3/8"                             |
| Refrigerant                        | R410A                            |
| R410a Pre Charge                   | 120 oz                           |
| Refrigerant Control                | Electronic Expansion Valve       |
| Refrigerant Tubing Connections     | Flare                            |
| Line Length, Max (ft.)             | 262.4                            |
| Elevation Difference, Max (ft.)    | 49.2'                            |
| Line Size (in. O.D. Discharge)     | 1/4" x 5                         |
| Line Size (in. O.D. Suction)       | 3/8" x 5                         |
| Pre-charge, tube length @ shipment | 147.6'                           |
| Dimensions (HxWxD)                 |                                  |
| Outdoor Unit (Uncrated) (in.)      | 39-11/32 x 37-1/32 x 13-13/32    |
| Weight (lbs.)                      |                                  |
| (Outdoor) Net                      | 183 lbs                          |

| Latent Capacity (BTU/H)     | 2,160                  |
|-----------------------------|------------------------|
| SEER                        | 18.5                   |
| Amps (A)                    | 19.0-17.2              |
| Max. Amps (A)               | 21.3                   |
| Power Inputs (KW)           | 3.75                   |
| Max. Inputs (W)             | 3,750                  |
| Outdoor Sound Rating (dB-A) | 55                     |
| Heating                     |                        |
| Total Capacity (BTU/H)      | 37,800 [11,600-49,500] |
| HSPF                        | 10                     |
| Amps (A)                    | 14.8 - 13.4            |
| Power Inputs (W)            | 2,900                  |
| Outdoor Sound Rating (dB-A) | 55                     |

| Performance Data @ ARI Standard Conditions (208/230V) |                         |
|---|-------------------------|
| High Heat @ 47F                                       | 37,800                  |
| Low Heat @ 17F  | 28,000                  |
| Cooling   |                         |
| Total Capacity (BTU/H)                                | 36,000 [9,900 - 39,000] |
| Sensible Capacity (BTU/H)                             | 33,840                  |

| Operating Range |                 |
|-----------------|-----------------|
| Cooling (Max)   | 114F DB/78F WB  |
| Cooling (Min)   | 14F DB/ - WB    |
| Heating (Max)   | 75.2F DB/64F WB |
| Heating (Min)   | -5F DB/-6.8F WB |

# Dimensions



Unit: inch (mm)

## Panasonic

Panasonic North America  
2 Riverfront Plaza  
Newark, NJ 07102  
[us.panasonic.com/hvac](http://us.panasonic.com/hvac)

Panasonic Canada Inc.  
5770 Ambler Drive  
Mississauga, ON, L4W 2T3  
[na.panasonic.com/ca/hvac](http://na.panasonic.com/ca/hvac)



## Samsung FJM Series, 3 Port Condensing Unit

Job Name Market StreetPurchaser Bob Gale

Submitted to \_\_\_\_\_

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

Location \_\_\_\_\_

Engineer \_\_\_\_\_

Reference ☐Approval ☐Construction ☐

Schedule # \_\_\_\_\_



|             |  |                 |                         |
|-------------|--|-----------------|-------------------------|
| Model       | US Code  |                 | JXH24J3B                |
|             | Model Number                                     |                 | AJ024BXJ3CH/AA          |
| Performance | Capacity<br>(min. / standard / max.)             | Cooling (Btu/h) | 6,500 / 22,000 / 22,000 |
|             |  | Heating (Btu/h) | 4,300 / 25,000 / 29,600 |
|             | SEER (Ducted / Mixed / Non-ducted) <sup>1</sup>  |                 | 17.0 / 18.0 / 19.0      |
|             | EER (Ducted / Mixed / Non-ducted) <sup>1</sup>   |                 | 10.1 / 11.4 / 12.7      |
|             | HSPF (Ducted / Mixed / Non-ducted) <sup>1</sup>  |                 | 9.0 / 9.5 / 10.0        |
|             | SEER2 (Ducted / Mixed / Non-ducted) <sup>2</sup> |                 | 17.5 / 18.5 / 19.5      |
|             | EER2 (Ducted / Mixed / Non-ducted) <sup>2</sup>  |                 | 10.1 / 11.4 / 12.7      |
|             | HSPF2 (Ducted / Mixed / Non-ducted) <sup>2</sup> |                 | 8.2 / 8.5 / 8.8         |

|       |                              |             |                  |
|-------|------------------------------|-------------|------------------|
| Power | Voltage                      | (øV/Hz)     | 1 / 208-230 / 60 |
|       | Nominal Current <sup>3</sup> | Cooling (A) | 8.3              |
|       |                              | Heating (A) | 8.5              |
|       | Max. Breaker                 | Amps        | 25               |
|       | Minimum Circuit Ampacity (A) |             | 19.5             |

|            |           |        |                            |
|------------|-----------|--------|----------------------------|
| Dimensions | W X H X D | Inches | 34 5/8 X 31 7/16 X 12 3/16 |
|            | Weight    | lbs.   | 125.7                      |

|             |                |        |    |
|-------------|----------------|--------|----|
| Noise Level | Cooling (Max.) | dB (A) | 48 |
|             | Heating (Max.) | dB (A) | 51 |

|                        |         |                             |
|------------------------|---------|-----------------------------|
| Operating Temperatures | Cooling | 14 ~ 114.8°F (-10 ~ 46.0°C) |
|                        | Heating | 5 ~ 75°F (-15 ~ 24.0°C)     |

|                  |                                    |                          |                     |
|------------------|------------------------------------|--------------------------|---------------------|
| Pipe Connections | High Side                          |                          | 1/4" X 3            |
|                  | Low Side (suction)                 |                          | 3/8" X 1 + 1/2" X 2 |
|                  | Maximum Individual Line Set Length |                          | 82 ft               |
|                  | Maximum Line Set Length (total)    |                          | 230 ft              |
|                  | Maximum Vertical Separation        | Outdoor to Indoor        | 49 ft               |
|                  |                                    | Highest to Lowest Indoor | 25 ft               |
|                  | Included Pipe Adapter              |                          | 2 - 1/2" X 3/8"     |

|               |        |             |                             |
|---------------|--------|-------------|-----------------------------|
| Condenser Fan | Motor  |             | BLDC With Propeller Fan (1) |
|               | Output | Watts / FLA | 125 / 1.28                  |
|               |        | CFM         | 1,667                       |

|            |      |      |                           |
|------------|------|------|---------------------------|
| Compressor | Type |      | Twin BLDC Rotary Inverter |
|            | RLA  | Amps | 13.3                      |

|                |      |                            |
|----------------|------|----------------------------|
| Heat Exchanger | Type | Aluminum Fin - Copper Tube |
|----------------|------|----------------------------|

|             |                        |  |                            |
|-------------|------------------------|--|----------------------------|
| Refrigerant | Type                   |  | R410A                      |
|             | Control Method         |  | Electronic Expansion Valve |
|             | Factory Charge         |  | 93.44 oz                   |
|             | Charged for            |  | 131 ft                     |
|             | Additional Refrigerant |  | 0.11 oz/ft over 131 ft     |

|             |              |       |                                   |
|-------------|--------------|-------|-----------------------------------|
| Accessories | Wall Bracket |       | <input type="checkbox"/> CKN-250  |
|             | Wind Baffle  | Front | <input type="checkbox"/> WBF-7M   |
|             |              | Back  | <input type="checkbox"/> WBB-7M-B |

|                |        |                     |
|----------------|--------|---------------------|
| Certifications | Safety | ETL (UL 60335-2-40) |
|----------------|--------|---------------------|

|          |  |
|----------|--|
| Warranty | 10 Years compressor, 10 year parts, 1 year limited labor (registration required) |
|----------|--|

<sup>1</sup>Performance data certified by AHRI to AHRI 210-240 (2017) with Addendum 1.<sup>2</sup>Performance data certified by AHRI to AHRI 210-240 (2023), Effective January 1st, 2023.<sup>3</sup>Rated current based on highest combination ratio of non-ducted indoor units.

This publication reflects both the 1987 Appendix M metric (SEER) and the 2023 Appendix M1 metric (SEER2). Efficiency requirements are published at 10 C.F.R. 430.32(c). Please refer to [www.AHRInet.org](http://www.AHRInet.org) for more information about updated energy metrics.

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice. Refer to [www.AHRIdirectory.org](http://www.AHRIdirectory.org) for current reference numbers.

## General Information

- Auto or manual addressing of indoor units
- The outdoor unit shall supply power individually to the indoor units via 14/3 AWG power wire
- Auto-restart after power loss
- Available maximum current setting option to reduce operating current
- System energy consumption can be viewed using Samsung SmartThings mobile app (not revenue grade, for reference only)
- Soft-start to reduce current demand during compressor start
- Optional snow accumulation prevention setting to prevent snow drifting against idle outdoor units

## Construction

- The outdoor unit shall be galvanized steel with a baked on powder coated finish for durability

## Heat Exchanger

- The heat exchanger shall be mechanically bonded fin to copper tube

## Controls

- Control signal shall be a DDC type signal
- Interconnecting control wire between outdoor and indoor units shall be 16/2 AWG
- The system shall integrate with Samsung Controls Solution without the use of an interface module

## Refrigerant System

- The refrigerant shall be R410A
- The compressor shall be hermetically sealed, inverter controlled, Twin Rotary BLDC
- Refrigerant flow shall be controlled by 3 separate electronic expansion valves at outdoor unit

## Compatibility

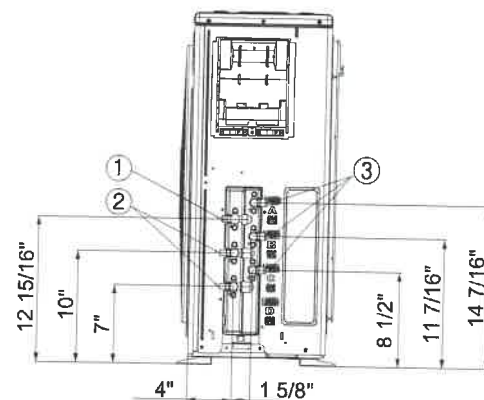
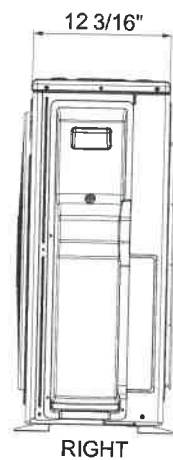
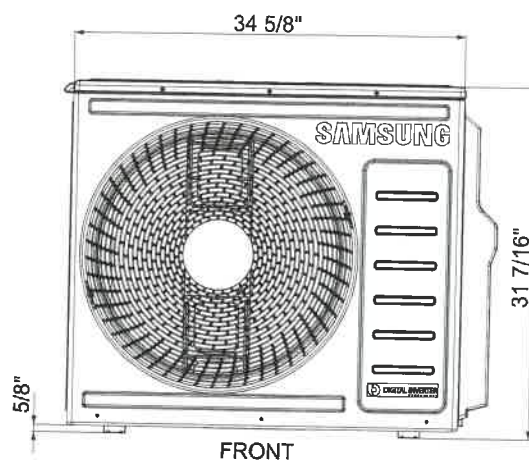
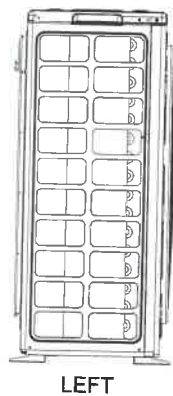
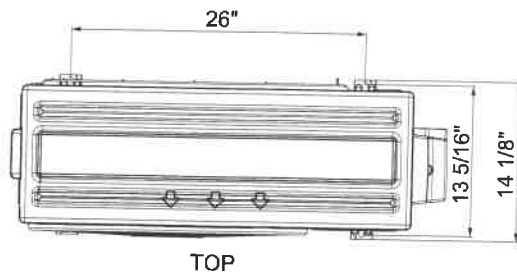
AR\*\*TSFABWKNCV (RNS\*\*ABT): 7,000 – 18,000 Btu/h models  
 AR\*\*BSFCMWKNCV (RNS\*\*CMB): 7,000 – 18,000 Btu/h models  
 AR\*\*TSFYBWKNCV (RNS\*\*YBT): 7,000 – 18,000 Btu/h models  
 AC0\*\*BNNDCH/AA (CNH\*\*NDB): 9,000 – 18,000 Btu/h models  
 AC0\*\*BN1DCH/AA (CNH\*\*1DB): 9,000 – 12,000 Btu/h models  
 AC0\*\*BNJDCH/AA (CNH\*\*JDB): 9,000 – 18,000 Btu/h models  
 AC0\*\*BNLDCH/AA (CNH\*\*LDB): 9,000 – 18,000 Btu/h models  
 AC012BNZDCH/AA (CNH12ZDB)  
 AJ0\*\*BNHDCH/AA (JNH\*\*HDB): 9,000 - 15,000 Btu/h models

Refer to the engineering Technical Data Book for allowed indoor unit combinations

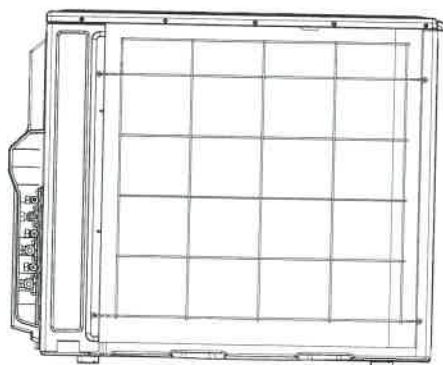
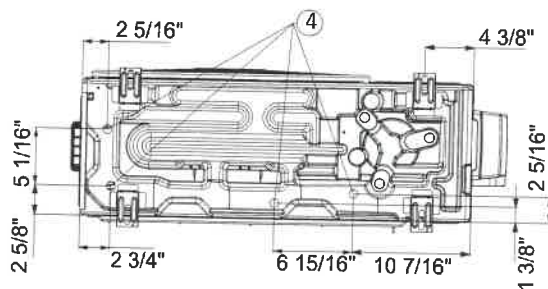
Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGYSTAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov)

Note: Qualification for ENERGYSTAR requires use of non-ducted indoor units.





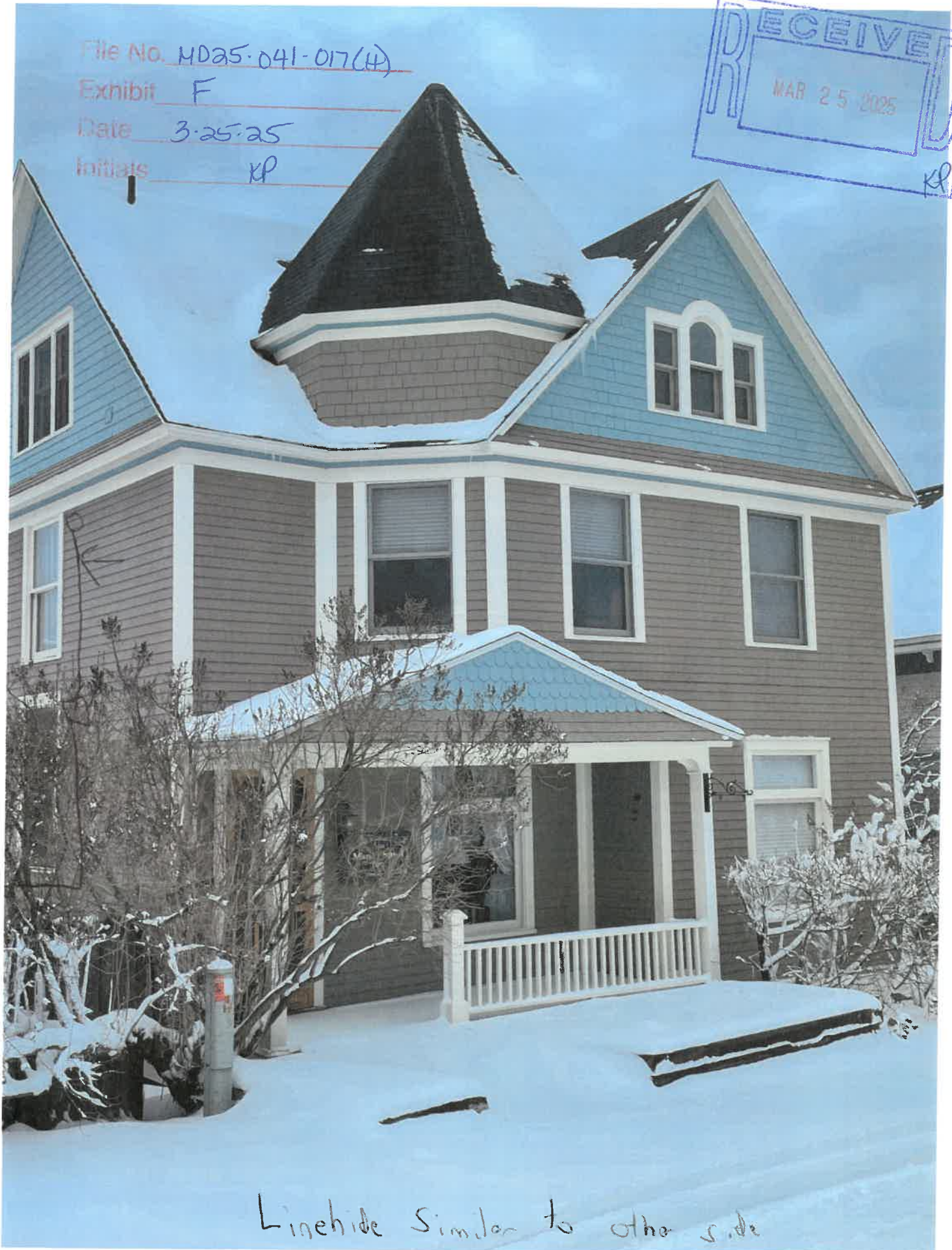
BOTTOM



| No. | Name                      | Description                            |
|-----|---------------------------|--|
| 1   | Refrigerant suction pipes | ø3/8" x 1 each                         |
| 2   |                           | ø1/2" x 2 each                         |
| 3   | Refrigerant liquid pipes  | ø1/4" x 3 each                         |
| 4   | Drain holes               | Connection with provided drain fitting |



File No. MDa5-041-017(4)  
Exhibit F  
Date 3-25-25  
Initials KP



Linehide similar to other side











