

P/L

O.P.U.

5.7 feet



21419 LAKE RD

Location of exterior unit. 5.70 feet in distance from property line (as shown on Cuyahoga County GIS website).

← ↻ 🏠 <https://gis.cuyahogacounty.us/html5viewer/?viewer=cegis> ☆

**CUYAHOGA COUNTY, Ohio**  
Web Mapping Application

21419 Lake Road

Basic Tools   Navigation   **Measurement and Markup**   Identify and Query   Additional Data Tools

Distance   Area   **Measure**   Feet (ft)   Feet² (ft²)   Enable Snapping   Select Snapping Layers   Export Drawings   Point   Text   Line   Freehand Line   Freehand Shape   Ellipse   Circle   Polygon   Rectangle   Edit   Clear   Erase   Edit Drawings

21419 Lake Road, Rocky River, ...   Click or tap to draw a measurement line. Double-click/tap to finish.

**Details**  
address  
21419 Lake Road, Rocky River, OH, 44116  
score  
100

**Aerials**   1993   2025 Spring   0   10   20ft   1:500

CuyahogaGIS | USGS National Map 3D Elevation Program (3DEP), June 24, 2026. | CCG

The map displays an aerial view of a residential area with several houses. A red dashed line indicates a measurement of 5.70 feet from a property line to an exterior unit. The measurement is labeled 'Total: 5.70 ft'. The map includes various labels for property lines (e.g., 1303, 1301, 135, 70) and parcel numbers (e.g., 30212055, 30212054, 30212053, 30212056, 30212062). The interface includes a toolbar with measurement tools and a details panel on the left.

SVZ-AP24NL & SUZ-AA24NL  
23,800 BTU/H DUCTED AIR HANDLER INDOOR UNIT  
24,000 BTU/H HEAT PUMP OUTDOOR UNIT



Job Name:

System Reference:

Date:



INDOOR Unit ... SVZ-AP24NL  
OUTDOOR Unit ... SUZ-AA24NL

#### INDOOR UNIT FEATURES

- Three Speed Fan: Adjust the fan between three speed settings to optimal comfort.
- Auto Changeover: The unit will automatically switch between heating and cooling modes to maintain your desired temperature.
- Multi-Position Installation: Versatile installation options, including horizontal (left or right) and vertical (up or down) orientations, with included drain pans to facilitate easy setup for any configuration.
- Blow Through Design: A unique blow-through design allows for easier cleaning and maintenance of the cabinet.

#### OUTDOOR UNIT FEATURES

- Inverter Driven Compressor: Inverter technology uses only the precise amount of energy needed to keep a space comfortable.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Seacoast Protection: Designed to protect against the corrosive effects of environments that are in close proximity to the sea.

# SPECIFICATIONS: SVZ-AP24NL & SUZ-AA24NL

|                             |                                              |                                     |                                             |
|-----------------------------|----------------------------------------------|-------------------------------------|---------------------------------------------|
| Cooling at 95F <sup>1</sup> | Maximum Capacity                             | Btu/h                               | 22800                                       |
|                             | Rated Capacity                               | Btu/h                               | 22800                                       |
|                             | Minimum Capacity                             | Btu/h                               | 9000                                        |
|                             | Maximum Power Input                          | W                                   | 1930                                        |
|                             | Rated Power Input                            | W                                   | 1930                                        |
|                             | Moisture Removal                             | Pints/h                             | 5.60                                        |
|                             | Sensible Heat Factor                         |                                     | 0.73                                        |
|                             | Power Factor [208V / 230V]                   | %                                   | 98 / 98                                     |
| Heating at 47F <sup>2</sup> | Maximum Capacity                             | Btu/h                               | 28000                                       |
|                             | Rated Capacity                               | Btu/h                               | 25000                                       |
|                             | Minimum Capacity                             | Btu/h                               | 8300                                        |
|                             | Maximum Power Input                          | W                                   | 2670                                        |
|                             | Rated Power Input                            | W                                   | 2130                                        |
|                             | Power Factor [208V / 230V]                   | %                                   | 99 / 99                                     |
| Heating at 17F <sup>3</sup> | Maximum Capacity                             | Btu/h                               | 17100                                       |
|                             | Rated Capacity                               | Btu/h                               | 17100                                       |
|                             | Maximum Power Input                          | W                                   | 1770                                        |
|                             | Rated Power Input                            | W                                   | 1770                                        |
| Heating at 5F <sup>5</sup>  | Maximum Capacity                             | Btu/h                               | 14000                                       |
|                             | Maximum Power Input                          | W                                   | 1367                                        |
| Heating at -4F <sup>6</sup> | Maximum Capacity                             | Btu/h                               | 11300                                       |
| Efficiency                  | SEER2                                        |                                     | 19.50                                       |
|                             | EER2 <sup>1</sup>                            |                                     | 11.80                                       |
|                             | HSPF2 [IV]                                   |                                     | 9.40                                        |
|                             | COP at 47°F <sup>2</sup>                     |                                     | 3.40                                        |
|                             | COP at 17°F at Maximum Capacity <sup>3</sup> |                                     | 2.80                                        |
|                             | COP at 5°F at Maximum Capacity <sup>5</sup>  |                                     | 3                                           |
|                             | COP at -4°F at Maximum Capacity <sup>6</sup> |                                     | 2.29                                        |
| Electrical                  | ENERGY STAR® Certified                       |                                     | Yes                                         |
|                             | Voltage, Phase, Frequency                    | V AC / V AC, Hz                     | 208 / 230, 1, 60                            |
|                             | Guaranteed Voltage Range                     | V AC                                | 198 - 253                                   |
|                             | Voltage: Indoor - Outdoor, S1-S2             | V AC                                | 208/230                                     |
|                             | Voltage: Indoor - Outdoor, S2-S3             | V DC                                | 12-24                                       |
|                             | Short-circuit Current Rating [SCCR]          | kA                                  | 5                                           |
|                             | Recommended Fuse/Breaker Size (Outdoor)      | A                                   | 25                                          |
| Indoor Unit                 | Recommended Wire Size [Indoor - Outdoor]     | AWG                                 | 14                                          |
|                             | MCA                                          | A                                   | 3                                           |
|                             | Fan Motor Output                             | W                                   | 121                                         |
|                             | Fan Motor Type                               |                                     | Direct-driven DC Brushless Motor            |
|                             | Airflow Rate at Cooling, Dry                 | CFM                                 | 471, 573, 700                               |
|                             | Airflow Rate at Heating, Dry                 | CFM                                 | 471, 573, 700                               |
|                             | Sound Pressure Level [Cooling]               | dB (A)                              | 36, 41, 45                                  |
|                             | Sound Pressure Level [Heating]               | dB (A)                              | 36, 41, 45                                  |
|                             | External Static Pressure                     | in.WG                               | 0.30, 0.50, 0.80                            |
|                             | Drain Pipe Size O.D.                         | inch [ mm ]                         | 3/4 [ 19.05 ]                               |
|                             | External Finish Color                        |                                     | Hot-dip coated steel (ZAM)                  |
|                             | Unit Dimensions (W x D x H)                  | inch x inch x inch [ mm x mm x mm ] | 17 x 21-5/8 x 39-13/16 [ 432 x 548 x 1011 ] |
|                             | Package Dimensions (W x D x H)               | inch x inch x inch [ mm x mm x mm ] | 18-1/8 x 28-11/16 x 44 [ 460 x 728 x 1117 ] |
|                             | Unit Weight                                  | lbs [ kg ]                          | 97 [ 44 ]                                   |
|                             | Package Weight                               | lbs [ kg ]                          | 116 [ 53 ]                                  |
| IDU Operating Temp. Range   | Cooling Intake Air Temp [Maximum / Minimum]  | deg F, deg F / deg F, deg F         | 90, 73 / 66, 59                             |
|                             | Heating Intake Air Temp [Maximum / Minimum]  | deg F                               | 83 / 50                                     |
| Outdoor Unit                | MCA                                          | A                                   | 24                                          |
|                             | MOCP                                         | A                                   | 40                                          |
|                             | Fan Motor Output                             | W                                   | 50                                          |

## Notes

<sup>1</sup>Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB

<sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB

<sup>3</sup>Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB

<sup>5</sup>Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB

<sup>1</sup>Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

<sup>2</sup>Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.

<sup>6</sup>Heating at -4°F (Indoor // Outdoor) °F 70 DB, 60 WB // -4 DB, -5 WB

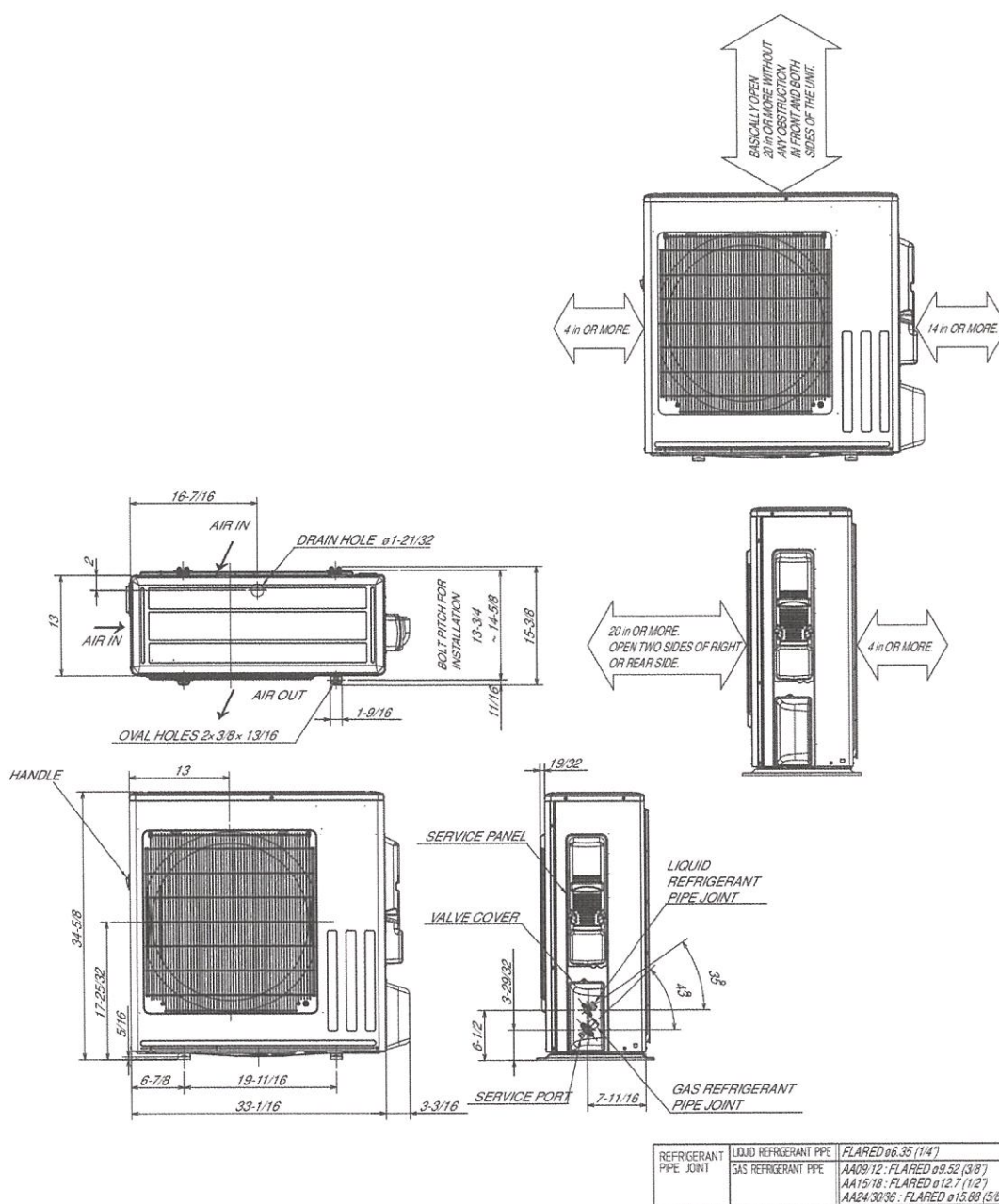
<sup>1</sup>Use 1/4 liquid line for SUZ-AA24/30/36NL, adapter is included with the outdoor unit

# SPECIFICATIONS: SVZ-AP24NL & SUZ-AA24NL

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |                                     |                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|-------------------------------------------|
| Outdoor Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Airflow Rate Cooling                                       | CFM                                 | 1974                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Airflow Rate Heating                                       | CFM                                 | 1949                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Defrost Method                                             |                                     | Reverse Cycle                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Coating on Heat Exchanger (Bluefin, Sea Coast)             |                                     | Yes, Yes                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sound Pressure Level, Cooling <sup>1</sup>                 | dB (A)                              | 55                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sound Pressure Level, Heating <sup>2</sup>                 | dB (A)                              | 55                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Compressor Type                                            |                                     | Twin Rotary                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Compressor Model                                           |                                     | SRB220FQYMT                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Compressor Oil [Type // Charge]                            | // oz                               | RM68EH // 15.60                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | External Finish Color                                      |                                     | Munsell No.3Y 7.8/1.1                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Base Pan Heater                                            |                                     | Optional                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit Dimensions (W x D x H)                                | inch x inch x inch [ mm x mm x mm ] | 33-1/16 x 13 x 34-5/8 [ 840 x 330 x 880 ] |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Package Dimensions (W x D x H)                             | inch x inch x inch [ mm x mm x mm ] | 38-5/8 x 16-9/16 x 39 [ 980 x 420 x 990 ] |
| ODU Operating Temp. Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit Weight                                                | lbs [ kg ]                          | 117 [ 53 ]                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Package Weight                                             | lbs [ kg ]                          | 135 [ 61 ]                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cooling Intake Air Temp [Maximum / Minimum*]               | F                                   | 115 / 14                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cooling Thermal Lock-out / Re-start Temperatures**         | F                                   | -1 / 3                                    |
| Refrigerant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Heating Intake Air Temp [Maximum / Minimum]                | F, F / F, F                         | 75, 65 / -4, -5                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Heating Thermal Lock-out / Re-start Temperatures**         | F                                   | -14 / -4                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Type                                                       |                                     | R454B                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pre-Charged Refrigerant Amount                             | lbs, oz                             | 3, 4                                      |
| Piping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Maximum Pre-Charged Piping Length                          | ft [ m ]                            | 25 [ 7.60 ]                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Additional Refrigerant Charge Per Additional Piping Length | oz/ft                               | 0.22                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Gas Pipe Size O.D. [Flared]                                | inch [ mm ]                         | 5/8 [ 15.88 ]                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Liquid Pipe Size O.D. [Flared]                             | inch [ mm ]                         | 1/4 [ 6.35 ]                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Maximum Piping Length                                      | ft [ m ]                            | 100 [ 30 ]                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Maximum Height Difference                                  | ft [ m ]                            | 100 [ 30 ]                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Maximum Number of Bends                                    |                                     | 10                                        |
| <b>Notes</b><br><sup>1</sup> Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB<br><sup>2</sup> Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB<br><sup>3</sup> Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB<br><sup>5</sup> Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB<br>*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.<br>**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.<br><sup>6</sup> Heating at -4°F (Indoor // Outdoor) °F 70 DB, 60 WB // -4 DB, -5 WB<br>*Use 1/4 liquid line for SUZ-AA24/30/36NL, adapter is included with the outdoor unit |                                                            |                                     |                                           |

OUTDOOR UNIT DIMENSIONS: SUZ-AA24NL

### REQUIRED SPACE



1340 Satellite Boulevard Suwanee, GA 30024  
Toll Free: 800-433-4822 • [mitsubishicomfort.com](http://mitsubishicomfort.com)

METUS\_2026-05\_PROPIN













July 16, 2026

City of Rocky River Building Department  
21012 Hilliard Boulevard  
Rocky River, OH 44116

**Re: Neighbor Consent and Support for Variance Request**

To Whom It May Concern:

We are the owners of the property located at 21353 Lake Road, Rocky River, Ohio 4416, PPN 302-12-053 (the "Adjacent Property"), which is adjacent to the property located at 21419 Lake Road, Rocky River, Ohio 44116, PPN 302-12-054 (the "Property").

We have discussed the variance request submitted by Tyler E. Davis and Alexsandra L. Mann (collectively, the "Applicant") with said Applicant relating to the Property. I understand that the Applicant is seeking a variance from the applicable zoning or other building code requirements to permit the installation of an exterior air conditioner unit along the Property's easterly property line.

After considering the proposed variance and its anticipated impact on the Adjacent Property, we have no objection to the requested variance and hereby express our support for the Applicant's request. In our opinion, the proposed variance will not adversely affect the use, enjoyment, value, or marketability of the Adjacent Property.

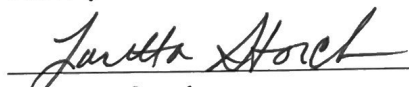
This letter is provided voluntarily to evidence our consent to and support of the requested variance and may be submitted to the applicable zoning board, planning commission, or other governmental authority in connection with the Applicant's variance application.

Nothing contained in this letter shall be deemed to grant any easement, property right, access right, or other interest in the Adjacent Property, nor shall it waive any rights that we may have with respect to future modifications to the proposed project that differ materially from the variance request currently under consideration.

Sincerely,



Timothy V. Storch



Loretta A. Storch