

CITY OF ROCKY RIVER

BUILDING DEPARTMENT - 21012 HILLIARD BOULEVARD, ROCKY RIVER, OH 44116 - 440-331-0600

HVAC PERMIT APPLICATION

Estimated Cost \$ 5,595

Permit Number: _____

Date: _____

Residential ☒ Commercial ☐

Project Address: 1498 Rockland Ave New ☐ Existing ☒

Owner: Megan McLaughlin Contractor: Luxury Heating Company

Description of work to be performed: Install of A/C Condenser

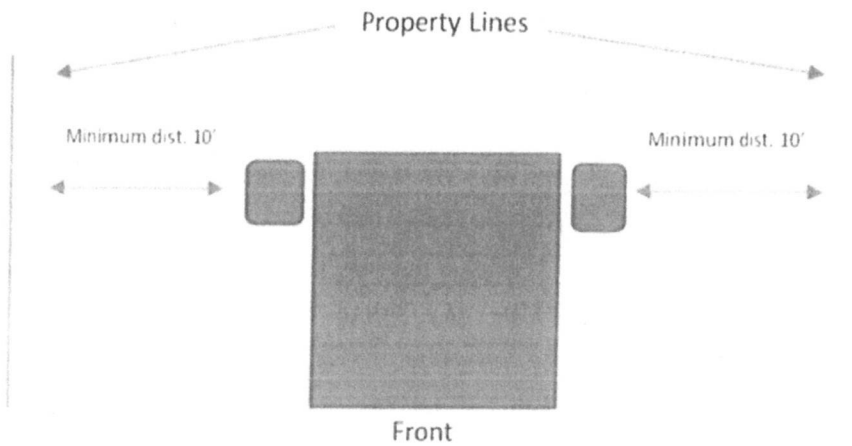
Commercial Projects

Heating system # units _____ BTU _____ CFM _____	Kitchen Hood CFM _____
Cooling system # units _____ BTU _____ CFM _____	Makeup Air # Units _____
Rooftop Units # units _____ BTU _____ TONS _____	Exhaust Fans # _____ CFM Each _____
Boiler _____ Certification number _____	
Base Fee \$ <u>125.00</u> Equip Fee \$ _____ 3% _____	
Total \$ _____	

Residential Projects

Furnace # units _____ BTU _____ 80% <input type="checkbox"/> 90% <input type="checkbox"/> Other <input type="checkbox"/> Gas <input type="checkbox"/> Electric <input type="checkbox"/>	
Air conditioner # units <u>1</u> Ton _____ <u>13 SEER Min. and must complete page 2 of this application</u>	
Heat Pump # units _____ BTU _____ <u>14 SEER Min. and must complete page 2 of this application</u>	
Exhaust Fan # Units _____ CFM _____	
Geothermal Unit Yes <input type="checkbox"/> No <input type="checkbox"/>	Base Fee \$ <u>50.00</u> Equip Fee \$ _____ 1% \$ _____
Kitchen Hood CFM _____	Total \$ _____

RESIDENTIAL EQUIPMENT LOCATIONS



Property line location and confirmation is the sole responsibility of the property owner.

** Condensers, heat pumps and Generators may be located in either the rear yard or the side yard, but shall not be located less than ten (10) feet from the side lot line.

** No more than two (2) such units may be located in the side yard

Unit distance from Property line: _____

Additional unit YES ☐ (to be drawn in above) NO ☐

Sound Rating of unit(s): _____ dB's

Proposed screening method: _____

** Condensers, heat pumps and Generators must be screened from adjacent neighbors and from the public right-of-way with evergreen plant material so that within two (2) years the equipment is adequately screened from view

Registered Contractor: _____ Date: _____

OR

Homeowner: _____ Date: _____

Contractor Address: _____

Contractor / Homeowner Phone: _____ Cell: _____

301-22-019

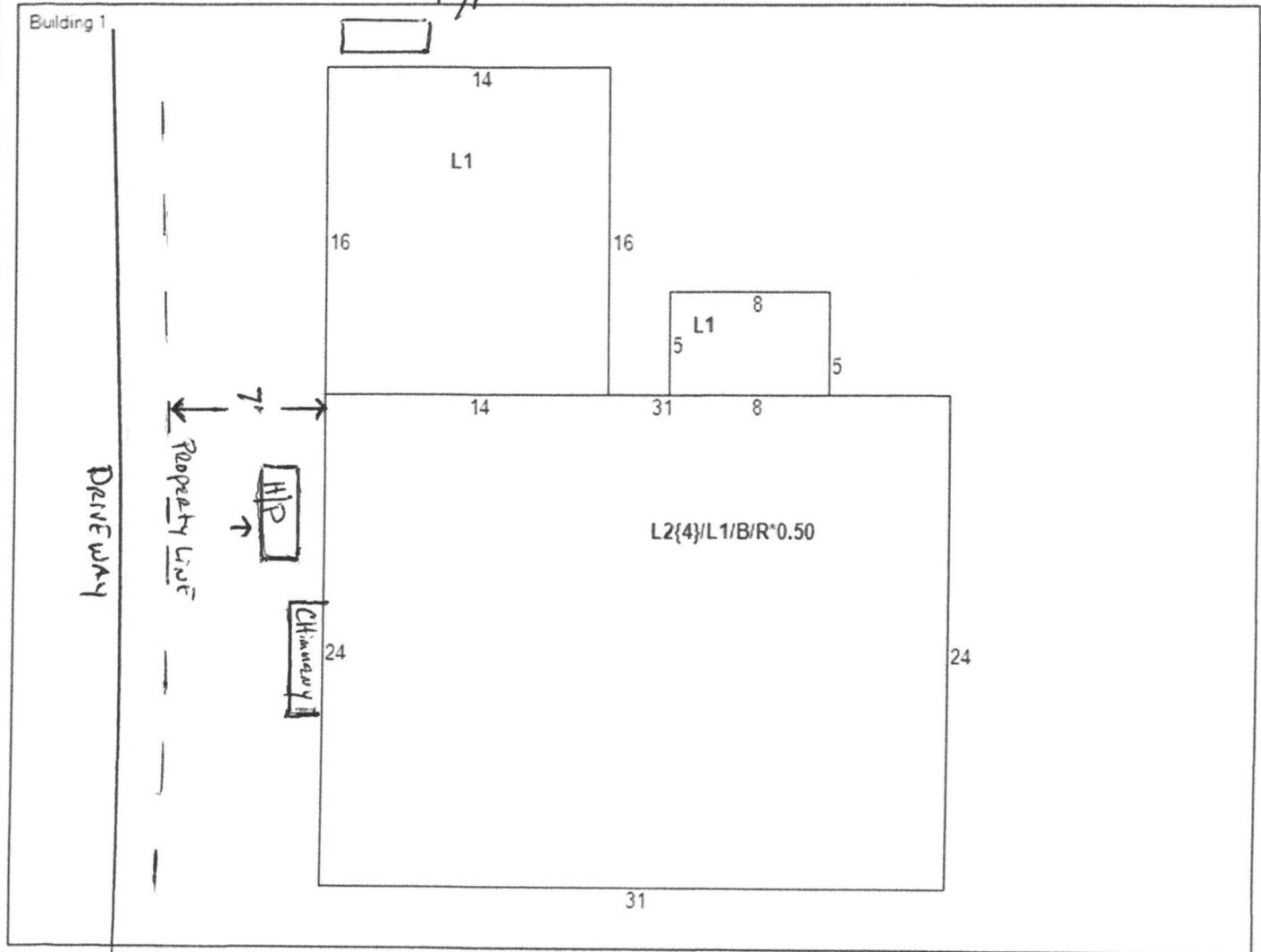
MCLAUGHLIN, MEGAN BRIANNA

1498 ROCKLAND AVE

ROCKY RIVER, OH. 44116

Building Sketch

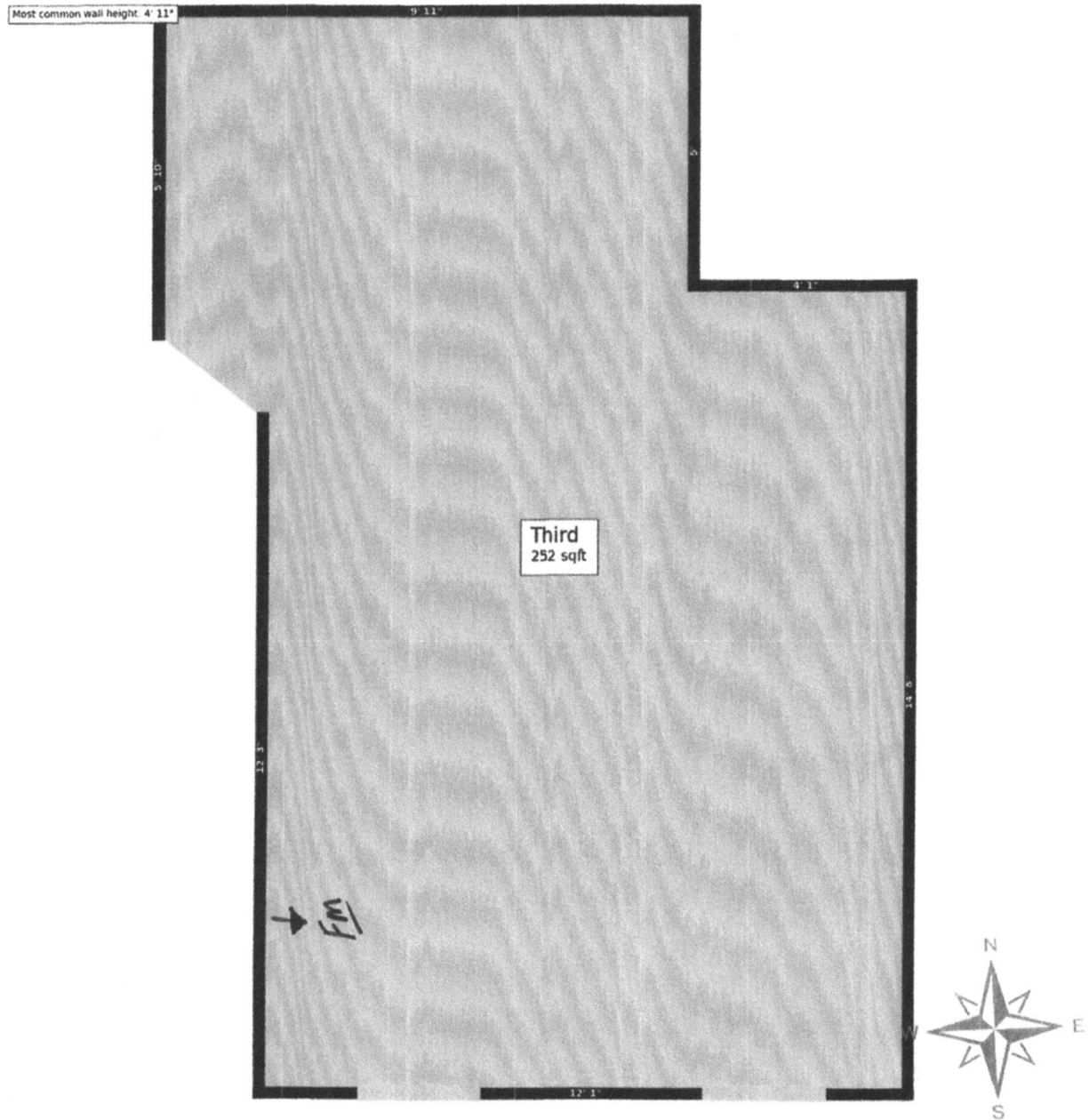
existing
H/P



5' OFF PROPERTY LINE

WITH SPACE BEHIND UNIT

Third story floor plan



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SUBMITTAL DATA SHEET

breeze33

Series Name: Premier Series

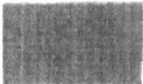
Model Number: BZ13-HYP09OUT2-454-G3-P BZ13-ICM09-454-G3-P

Location:
Engineer:
Submitted to:
Submitted by:
Reference:

Console Heat Pump System

Approval
Date:
Construction:
Unit #
Drawing #:

AIRI CERTIFIED



INDOOR SPECIFICATIONS

Indoor Air Flow (Turbo/H/M/L/SI) (CFM)	441.4 / 376.7 / 323.7 / 188.4 / 129.5
Indoor Noise Level (Turbo/H/M/L/SI) (dBA)	45/41 0/37.5/25.5/22.00
Dimension(WxDxH)	Inch 31-1/4 x 7-7/8 x 24-7/16
	mm 794 x 200 x 621
Package(WxDxH)	Inch 34-1/16 x 11 x 28-5/16
	mm 865 x 280 x 719
Net/Gross Weight	lbs 32.85/41.89
	kg 14.9/19

OUTDOOR SPECIFICATIONS

Compressor Type	ROTARY
Compressor Model	KTN110D42UFZ
Refrigerant	R454B
Refrigerant Oil Charge(mL)	350
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1471.5
Outdoor Noise Level (dBA)	55.5
Dimension(WxDxH)	Inch 31-1/4 x 7-7/8 x 24-7/16
	mm 794 x 200 x 621
Package(WxDxH)	Inch 34-1/16 x 11 x 28-5/16
	mm 865 x 280 x 719
Net/Gross Weight	lbs 72.75/78.70
	kg 33/35.7

EFFICIENCY

	Cooling		Heating
SEER2	27.2	HSPF2-4	10.9
EER2	15.1	COP	4.43

PERFORMANCE of Cooling

Rated Capacity	9000
Min/Max Capacity	3700~13700
Moisture Removal(L/h)	0.81
Standard Operating Range(°F/°C)	-22~122(-30~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating

1. @ 47°F Rated	9000
1. @ 47°F Min/Max Capacity	4400~16100
2. @ 17°F Rated	9800
3. @ 5°F Rated: Capacity / COP	11300/1.84
3. @ 5°F Max: Capacity	11300
Standard Operating Range(°F/°C)	-22~75(-30~24)
1. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

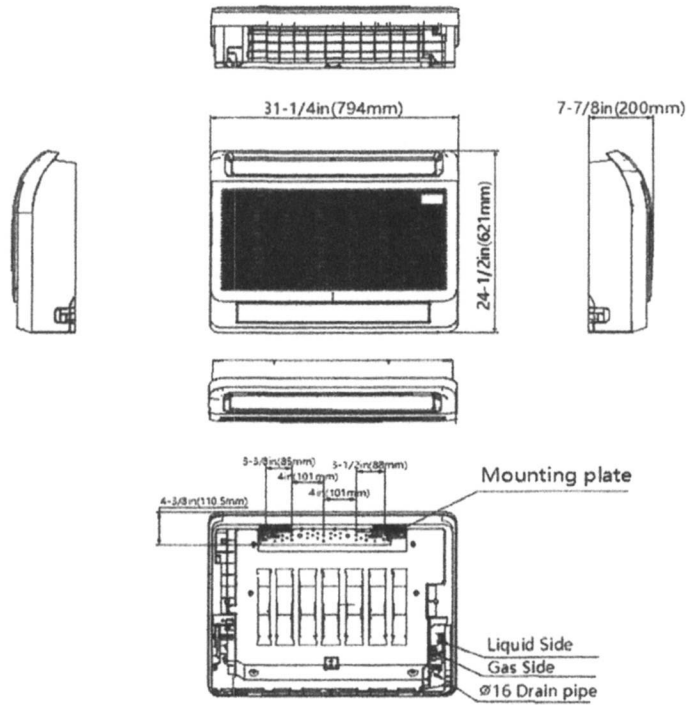
ELECTRICAL

Power Supply	208/230V, 60Hz, 1Ph
System MCA	15.00
Connection Wiring	14#x4
System MOCP	15
Compressor RLA	10.4
Outdoor Fan Motor RLA	0.6
Outdoor Fan Motor W	34
Indoor Fan Motor RLA	0.5
Indoor Fan Motor W	13
System Power Input @ Cooling (W)	592(190 ~ 1150)
System Power Input @ Heating (W)	595(255 ~ 1350)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

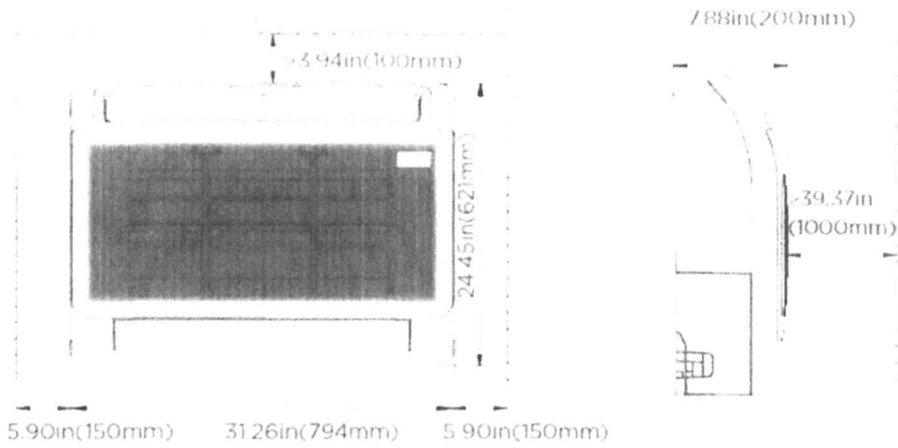
PIPING

Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV
Liquid Size	6.35mm(1/4in)
Gas Size	9.52mm(3/8in)
Max. Piping Length(ft/m)	82.00(25)
Max. Height Difference(ft/m)	49.20(15)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	35.27(1.00)
Additional Charge of Refrigerant(oz/ft)/(g/m)	0.16(15)
Connection Method	Flared

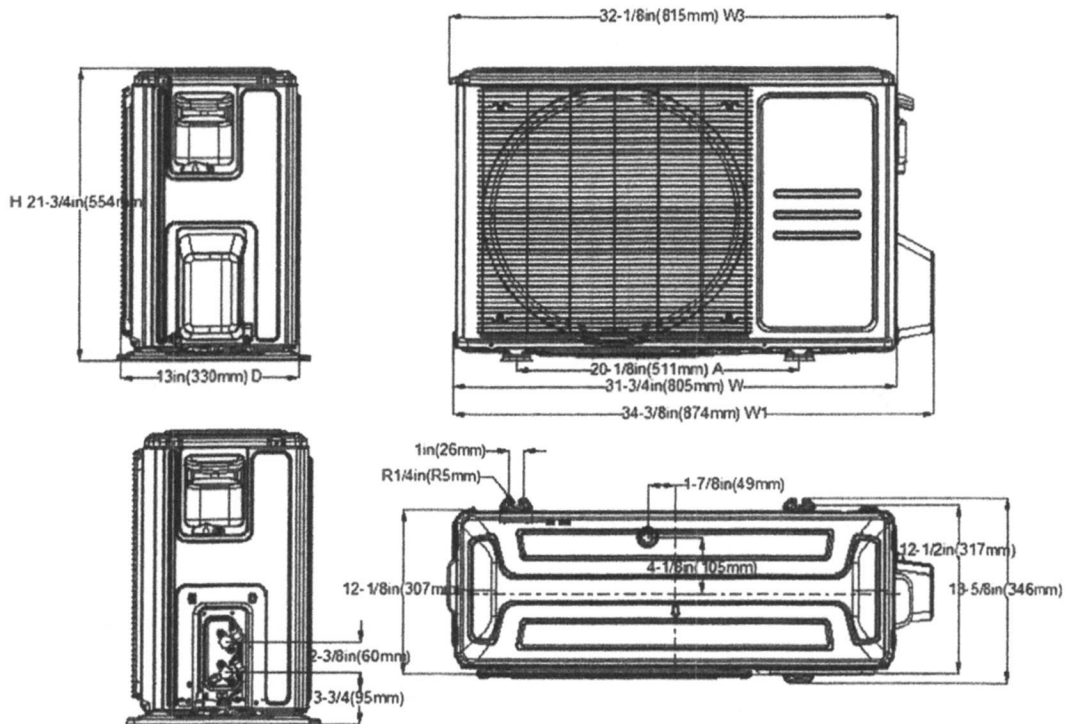
Indoor Unit Dimension



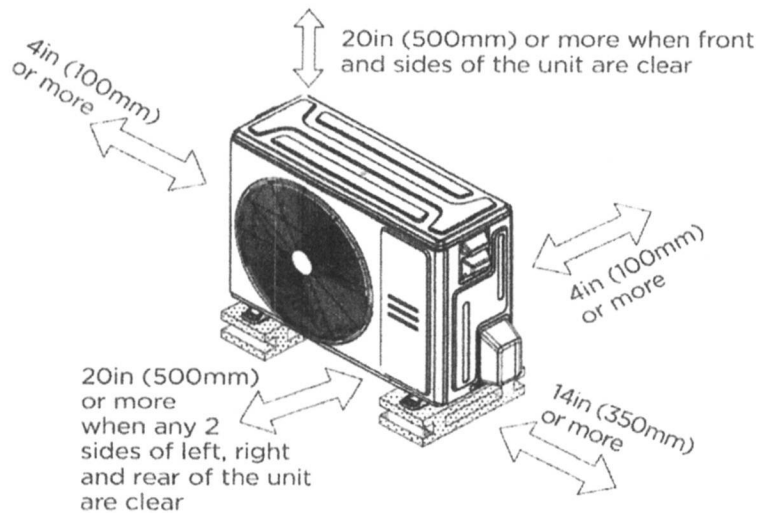
Installation Instruction



Outdoor Unit Dimension



Installation Instruction

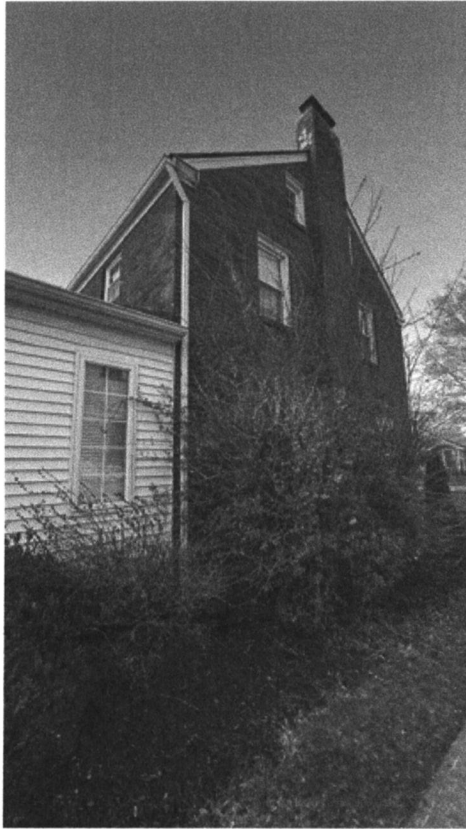


- ☒ Meets all spatial requirements shown in Installation Clearance Requirements above.

- Compact Design
- Dual Air Outlets
- Refrigerant leakage detection sensor
- Humidity sensor
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- Multiple control options available:
 - Two way communication wired controller:120N(X6)
 - Two way communication wired controller with built-in WiFi:120N(X6W)
 - Infrared wired controller: 120L
 - Wireless remote controller
 - Third-Party 24V Thermostat*

*24V interface is required.

Side of house for condenser location – will be hidden by greenery.



Side of house (left) with neighbor driveway and house (right) including 2 large scale condensers.

