To: City of Portsmouth NH Historic District Commission

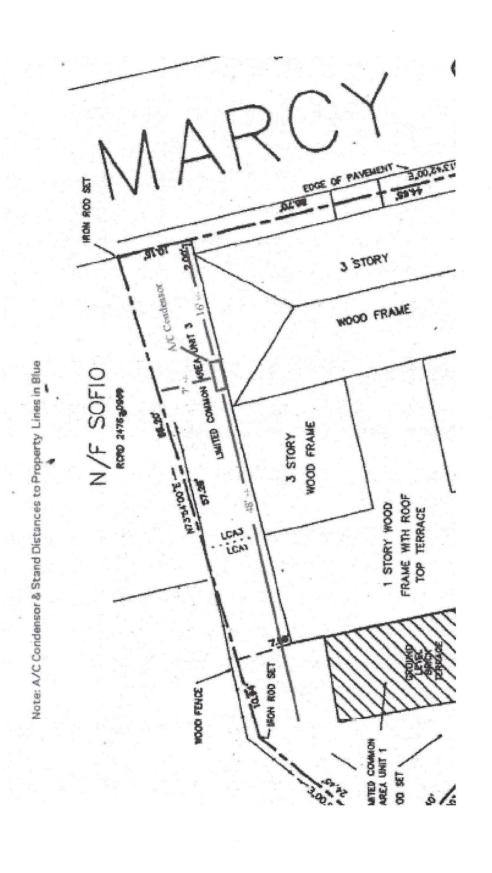
From: Russell Serbagi, 306 Marcy Street, Unit 3

Subject: Supporting Documents - HDC Certificate of

Approval Application

Date: 8.14.19

10 HJ 60 Z1 9 MH





To: City of Portsmouth NH, Planning Department

From: Hart House Condominium Association

Subject: 306 Marcy Street Unit 3 A/C and Heating System Approval

Date: August 1, 2019

To Whom It May Concern: The Hart House Condominium Association and its unit owners of 306 Marcy Street, Portsmouth, NH has approved the installation and use of a Mitsubishi mini split ductless A/C and heating system for 306 Marcy Street, Unit 3. This approval includes the location of the related condenser and utility lines on the North side (right side of the building from Marcy Street) of the property and building applied for by its owner Russell Serbagi with the City of Portsmouth.

President - Russell Serbagi (Unit 3)

Treasurer - John Singer (Unit 2)

Clerk/Secretary - Don Kingman (Unit 1)

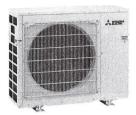
M-SERIES

SUBMITTAL DATA: MXZ-4C36NA2 MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

Job Name:

System Reference:

Date:



Outdoor Unit: MXZ-4C36NA2

ACCESSORIES

- ACCESSORIES

 □ 3/8" x 1/2" Port Adapter (MAC-A454JP)

 □ 1/2" x 3/8" Port Adapter (MAC-A455JP)

 □ 1/2" x 5/8" Port Adapter (MAC-A456JP)

 □ 1/4" x 3/8" Port Adapter (PAC-493PI)

 □ 3/8" x 5/8" Port Adapter (PAC-SG76RJ)

 □ M-NET Adapter (PAC-IF01MNT-E)

 □ Base Heater (PAC-645BH-E)

(For data on specific indoor units, see the MXZ-C Technical and Service Manual.)

	Model Name			
Unit Type			MXZ-4C36NA2	
Cooling* (Non-ducted / Ducted)	Rated Capacity	Btu/h	35,400 / 34,400	
	Capacity Range	Btu/h	12,600-36,400 / 12,600-34,800	
	Rated Total Input	w	3,760 / 3,940	
Heating at 47°F* (Non-ducted / Ducted)	Rated Capacity	Btu/h	36,000 / 34,400	
	Capacity Range	Btu/h	11,400-43,000 / 11,400-41,400	
	Rated Total Input	W	3,020 / 3,100	
Heating at 17°F* (Non-ducted/Ducted)	Rated Capacity	Btu/h	22,200 / 20,300	
	Rated Total Input	w	3,340 / 3,450	
	Power Supply	Voltage, Phase, Hertz	208 / 230V, 1-Phase, 60 Hz	
Electrical Requirements	Recommended Fuse/Breaker Size	Α	25	
•	MCA	Α	22.1	
V-V	Indoor - Outdoor S1-S2	V	AC 208 / 230	
Voltage	Indoor - Outdoor S2-S3	V	DC ±24	
Compressor			INVERTER-driven Scroll Hermetic	
Fan Motor (ECM)		F.L.A.	2.43	
Sound Pressure Level	Cooling	dD(A)	54	
Sound Pressure Level	Heating	dB(A)	56	
External Dimensions (H x W x D)		In (mm)	31-11/32 x 37-13/32 x 13 (796 x 950 x 330)	
Net Weight		Lbs (kg)	139 (63)	
External Finish			Munsell 3.0Y 7.8/1.1	
Refrigerant Pipe Size O.D.	Liquid (High Pressure)	In (mm)	1/4 (12.7)	
	Gas (Low Pressure)		A: 1/2 (6.35); B,C,D: 3/8 (9.52)	
Max. Refrigerant Line Length		Ft (m)	230 (70)	
Max. Piping Length for Each Indoor Unit		Ft (m)	82 (25)	
Max. Refrigerant Pipe Height Difference	If IDU is Above ODU	Et (m)	49 (15)	
	If IDU is Below ODU	Ft (m)	49 (15)	
Connection Method			Flared/Flared	
Refrigerant	R410A			

* Rating Conditions per AHRI Standard:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB Cooling | Outdoor: 95° F (35° C) DB / 23.9° C (75° F) WB Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB Heating at 47°F | Outdoor: 47°F (8°C) DB / 43°F (6°C) WB

Heating at 17° F | Indoor: 70° F (21° C) DB Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

SPECIFICATIONS: MXZ-4C36NA2, contd.

OPERATING RANGE:

	Outdoor	
Cooling	14 to 115° F (-10 to 46° C) DB	
Heating	5 to 65° F (-15 to 18° C) WB	

ENERGY EFFICIENCIES:

Indoor Unit Type	SEER	EER	HSPF	COP @ 47°F	COP @ 17°F
Non-ducted	19.2	9.4	11.0	3.50	2.67
Ducted and Non-ducted	17.6	9.05	10.4	3.38	2.61
Ducted	16.0	8.7	9.8	3.25	2.54

NOTES:

- Minimum of two Indoor Units must be connected to the MXZ-4C36NA2.
- Minimum installed capacity cannot be less than 12,000 Btu/h.
- Total connected capacity must not exceed 130% of outdoor unit capacity.
- · System can operate with only one Indoor Unit turned on.
- · Information provided at 208/230V.
- · For Reference:
 - MXZ-C Technical & Service Manual for detailed specifications and additional information per Indoor Unit Combination.
 - MXZ Series Multi-Zone Indoor/Outdoor Combination Table for allowed unit combinations.

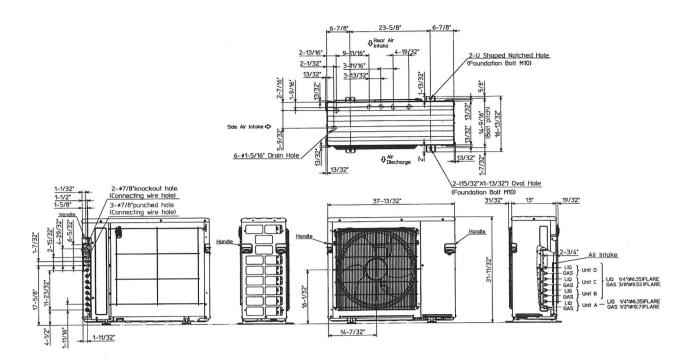
MVZ CONNECTION RULES:

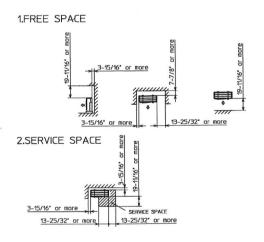
- · Only 1 MVZ may be used on any system.
- · When an MVZ is connected, total connected capacity must be 100% or less.
- When an MVZ is connected, no P-Series indoor units can be used (PCA, PLA, or PEAD).

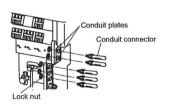
Notes:

DIMENSIONS: MXZ-4C36NA2

Unit: inch (mm)









1340 Satellite Boulevard. Suwanee, GA 30024 Toll Free: 800-433-4822 www.mehvac.com





FORM# MXZ-4C36NA2 for Multiple Indoor Unit Styles - 201611

Specifications are subject to change without notice.

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