

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-EF09NAB-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

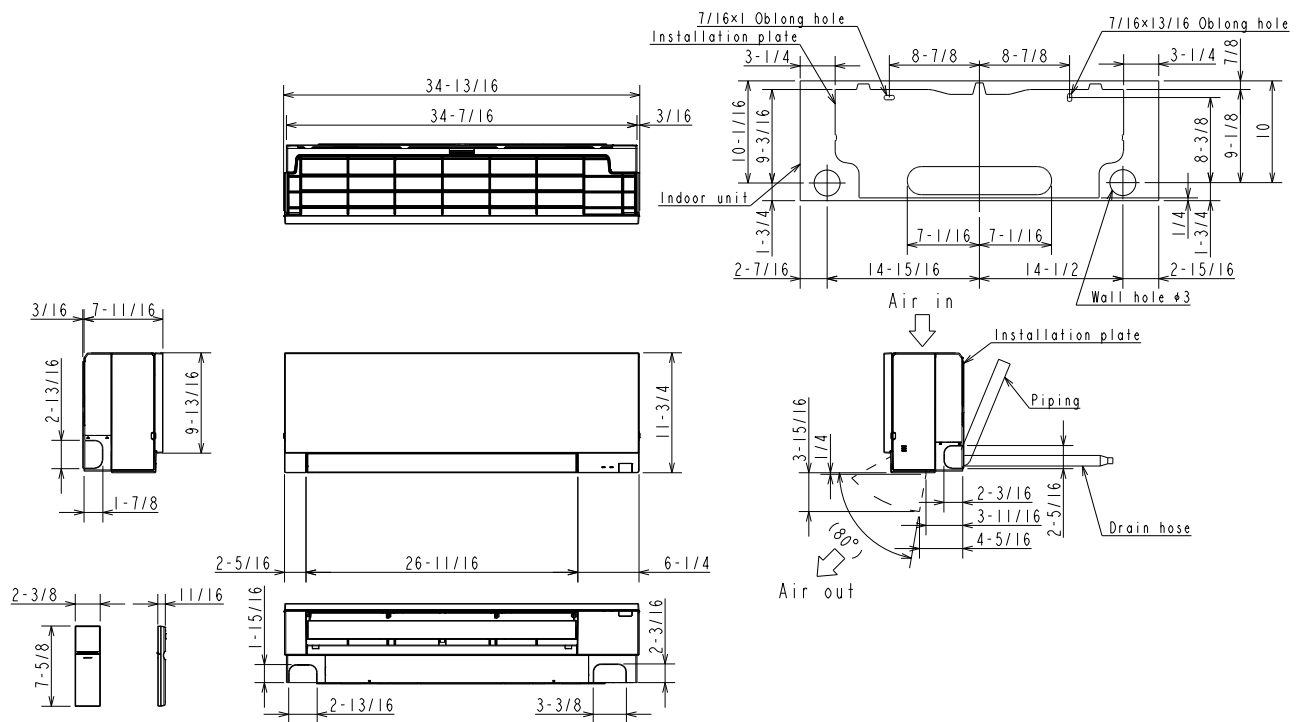
- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:

Rated Capacity*			
Cooling*1		Btu/h / W	9,000
Heating at 47° F*2		Btu/h / W	10,900
Rating Conditions per AHRI Standard: *1 Cooling Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB *2 Heating at 47°F Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB			
For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.			
Electrical Power Requirements		208 / 230V, 1-Phase, 60 Hz	
Minimum Circuit Ampacity (MCA)		A	1
Blower Motor (ECM)		F.L.A.	0.67
Blower Motor Output		W	30
Moisture Removal		pt./h	0.6
Field Drainpipe Size O.D.		In.(mm)	5/8 (15)
Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)			
Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-314-420
Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)			
Cooling		dB(A)	21-23-29-36-42
Heating			21-24-29-37-39
Unit Dimensions (H x W x D)		In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
Package Dimensions (H x W x D)		In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
Unit Weight		Lbs.(kg)	26 (11)
Package Weight		Lbs.(kg)	29 (13)
External Finish		Munsell 3.7PB 2.0/0.1	
Refrigerant Piping (Flared)			
Liquid (High Pressure)		In.(mm)	1/4 (6.35)
Gas (Low Pressure)			3/8 (9.52)

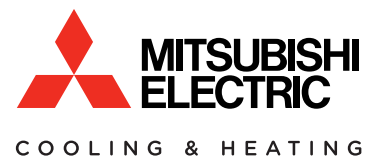
MSZ-EF09NAB-U1

Unit: inch

**MSZ-EF09/12NA**

Piping	Insulation	1-7/16 O.D
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 3/8)
	Drain hose	Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF09NAS-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	9,000
Heating at 47° F*2	Btu/h / W	10,900

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	0.6
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-314-420

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	21-23-29-36-42
Heating		21-24-29-37-39

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

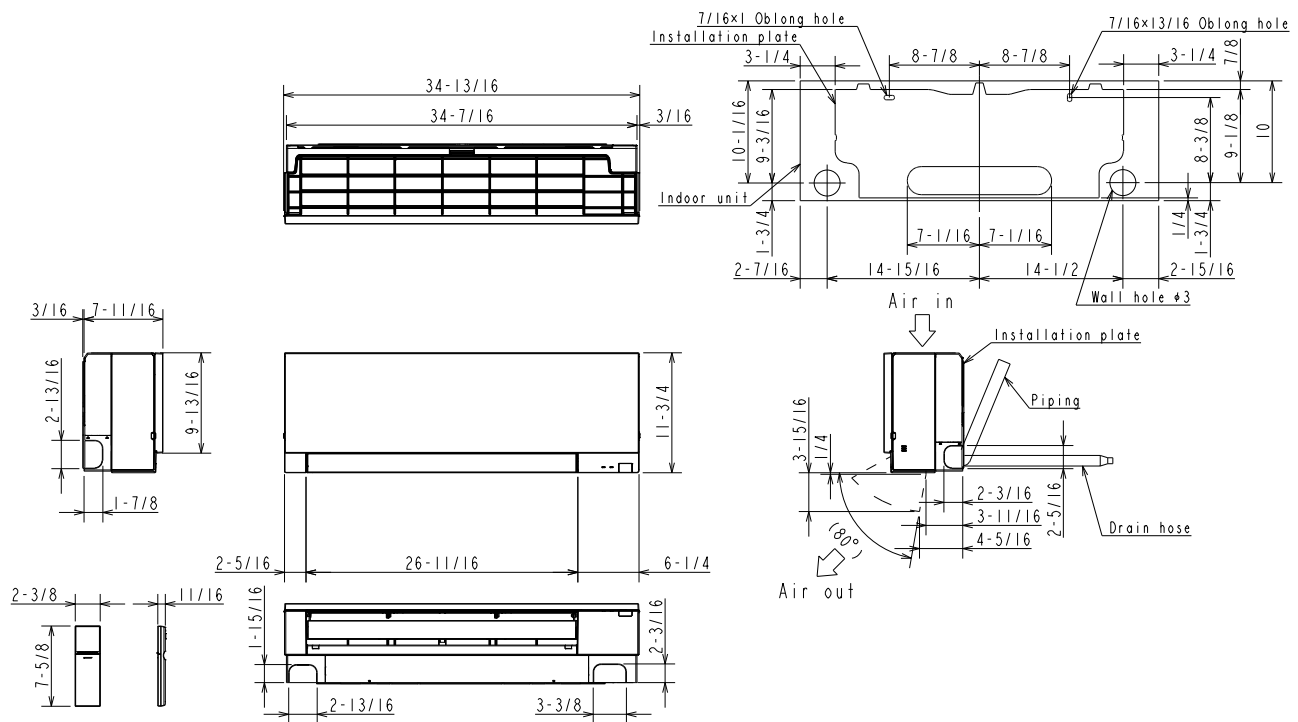
External Finish	Munsell 3.1PB 8.2/0.2	
-----------------	-----------------------	--

Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

MSZ-EF09NAS-U1

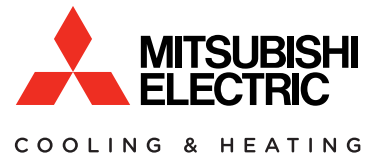
Unit: inch



MSZ-EF09/12NA

Piping	Insulation	1-7/16 O.D
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 3/8)
Drain hose		Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF09NAW-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	9,000
Heating at 47° F*2	Btu/h / W	10,900

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	0.6
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-314-420

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	21-23-29-36-42
Heating		21-24-29-37-39

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

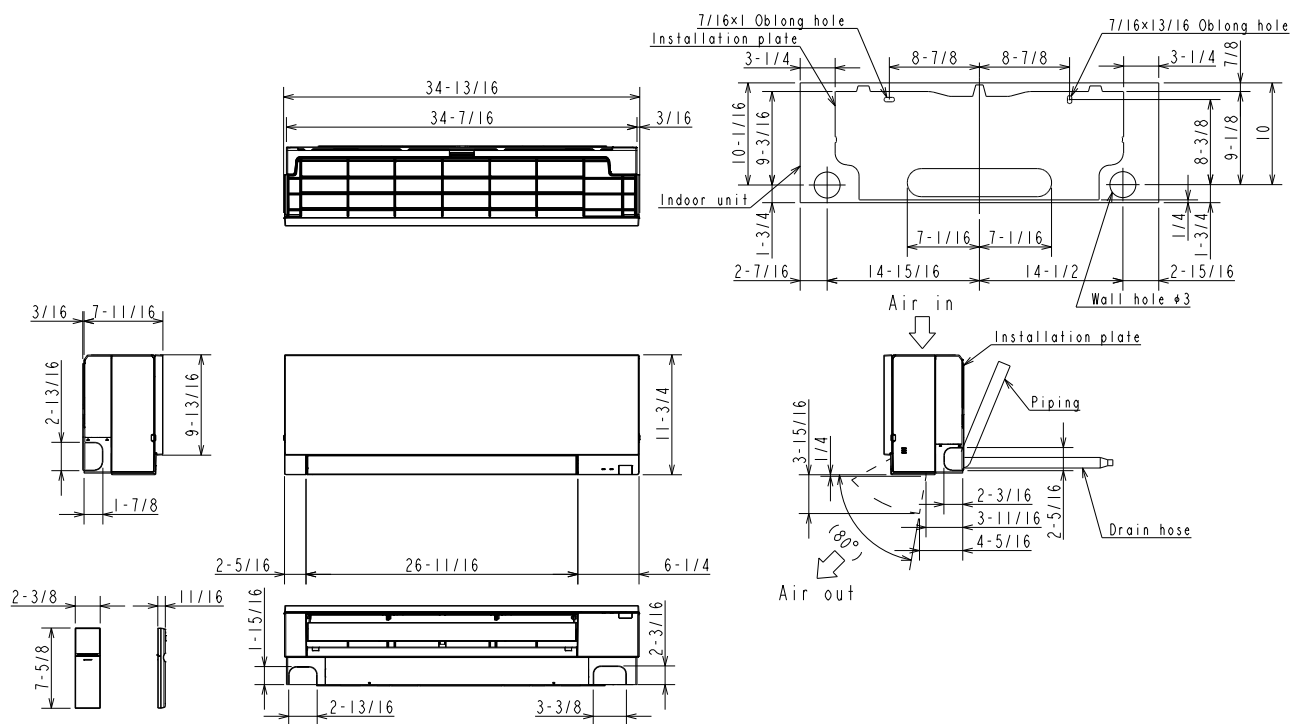
External Finish	Munsell 1.0Y 9.2/0.2	
-----------------	----------------------	--

Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

MSZ-EF09NAW-U1

Unit: inch

**MSZ-EF09/12NA**

Piping	Insulation	Ø1-7/16 O.D
	Liquid line	Ø1/4 - 19-11/16 (Flared connection Ø1/4)
	Gas line	Ø3/8 - 16-15/16 (Flared connection Ø3/8)
	Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



COOLING & HEATING

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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF12NAB-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Saueremann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	12,000
Heating at 47° F*2	Btu/h / W	14,400

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	2.1
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)			
Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-413-448

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)		
Cooling	dB(A)	21-24-29-36-42
Heating		21-24-30-38-46

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

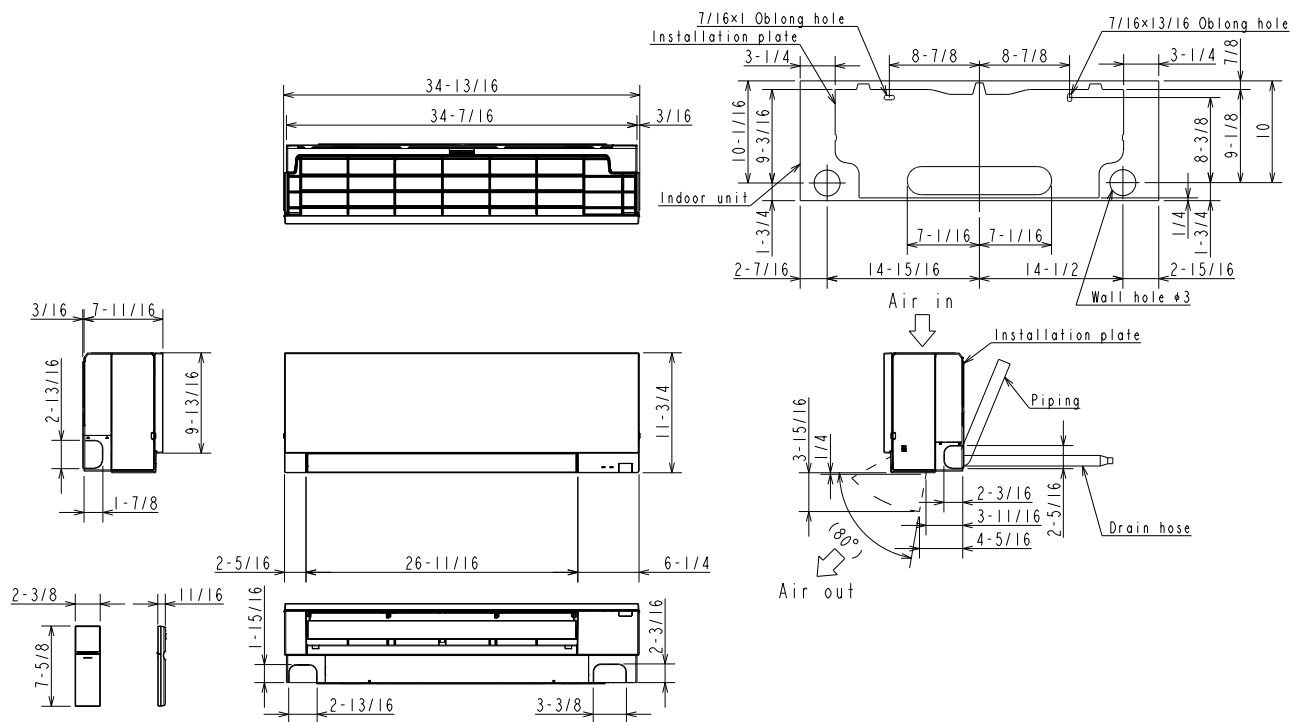
External Finish	Munsell 3.7PB 2.0/0.1	
-----------------	-----------------------	--

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

DIMENSIONS: MSZ-EF12NAB-U1

MSZ-EF12NAB-U1

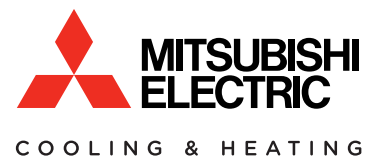
Unit: inch



MSZ-EF09/12NA

Piping	Insulation	1-7/16 O.D.
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 3/8)
	Drain hose	Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF12NAS-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Saueremann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	12,000
Heating at 47° F*2	Btu/h / W	14,400

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	2.1
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-413-448

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	21-24-29-36-42
Heating		21-24-30-38-46

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

External Finish	Munsell 3.1PB 8.2/0.2	
-----------------	-----------------------	--

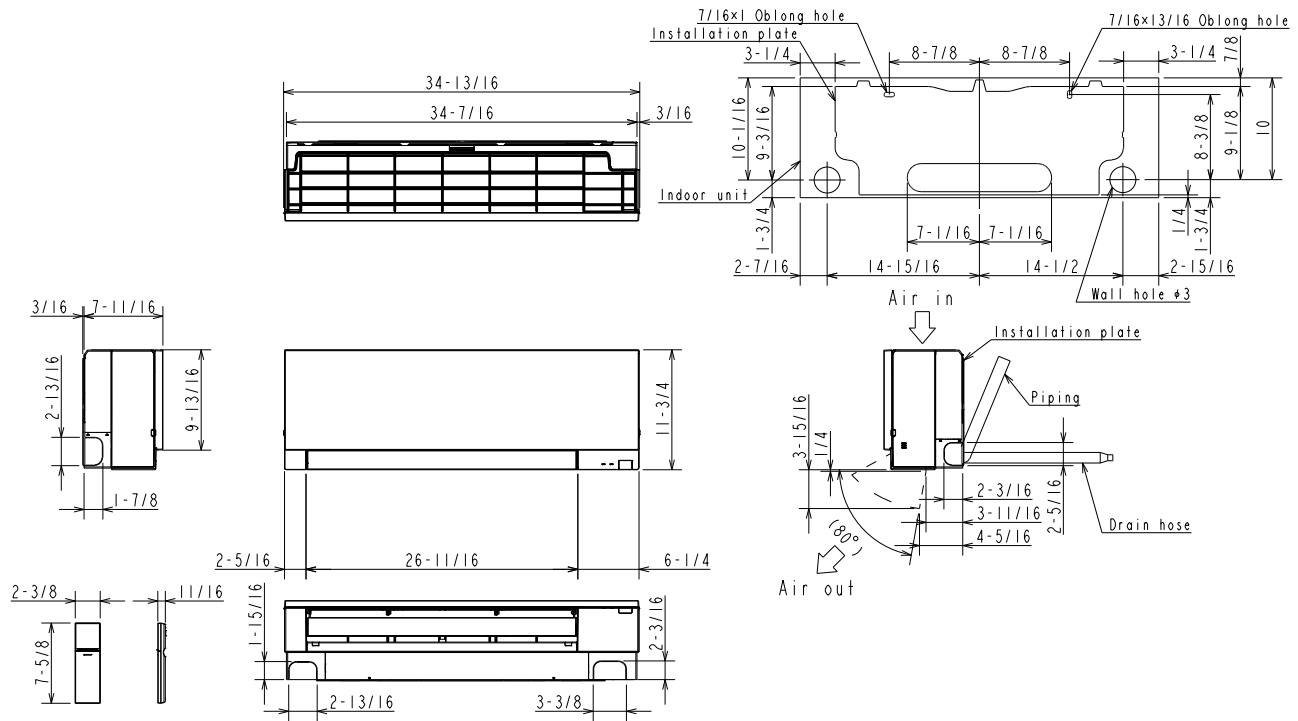
Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

DIMENSIONS: MSZ-EF12NAS-U1

MSZ-EF12NAS-U1

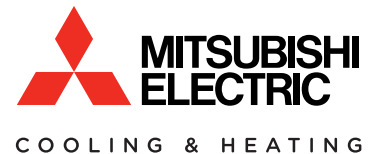
Unit: inch



MSZ-EF09/12NA

Piping	Insulation	1-7/16 O.D.
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 3/8)
	Drain hose	Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF12NAW-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Saueremann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	12,000
Heating at 47° F*2	Btu/h / W	14,400

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	2.1
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	141-162-222-293-371
	WET		121-140-191-252-319
Heating	DRY		141-162-219-413-448

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	21-24-29-36-42
Heating		21-24-30-38-46

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

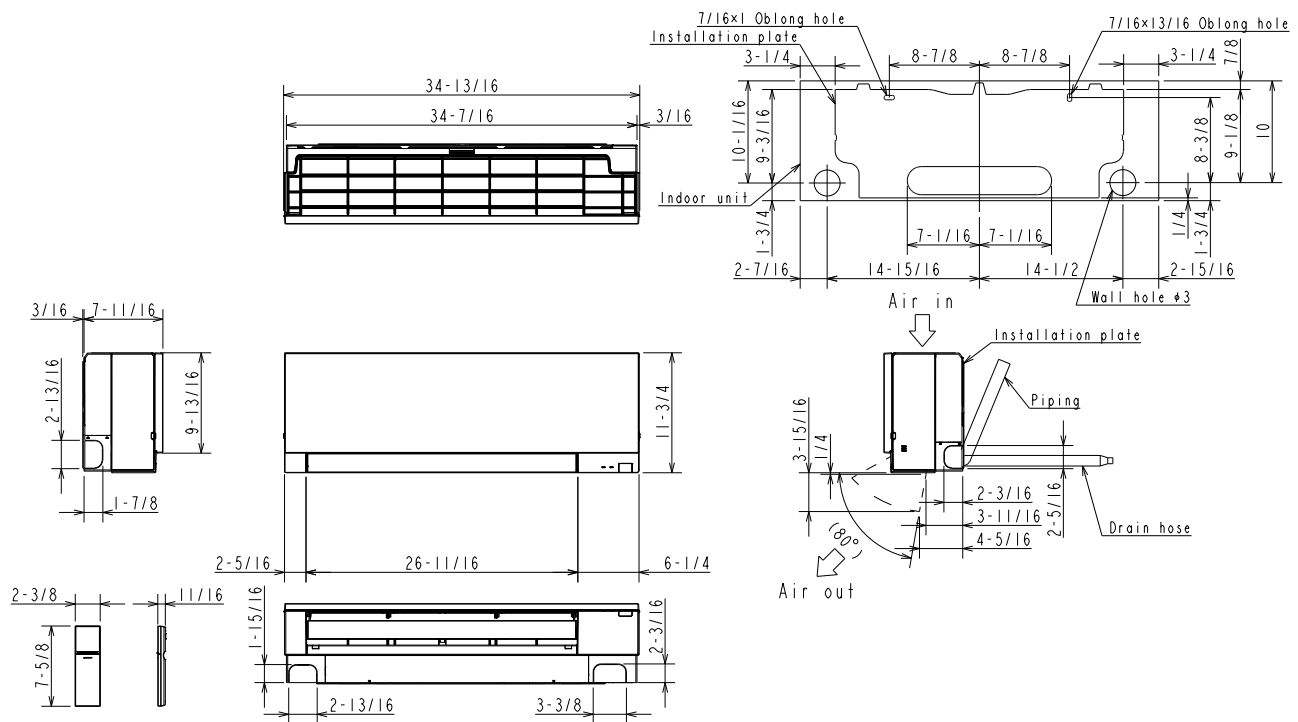
External Finish	Munsell 1.0Y 9.2/0.2	
-----------------	----------------------	--

Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

MSZ-EF12NAW-U1

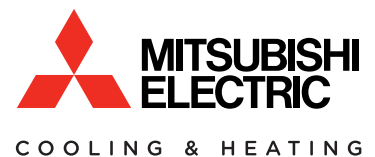
Unit: inch



MSZ-EF09/12NA

Piping	Insulation	1-7/16 O.D
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 3/8)
Drain hose		Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF15NAB-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Saueremann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	14,000
Heating at 47° F*2	Btu/h / W	18,000

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	3.6
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)			
Cooling	DRY	CFM	205-233-272-314-364
	WET		176-200-234-270-313
Heating	DRY		194-222-275-350-448

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)		
Cooling	dB(A)	28-31-35-39-42
Heating		28-30-35-41-48

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

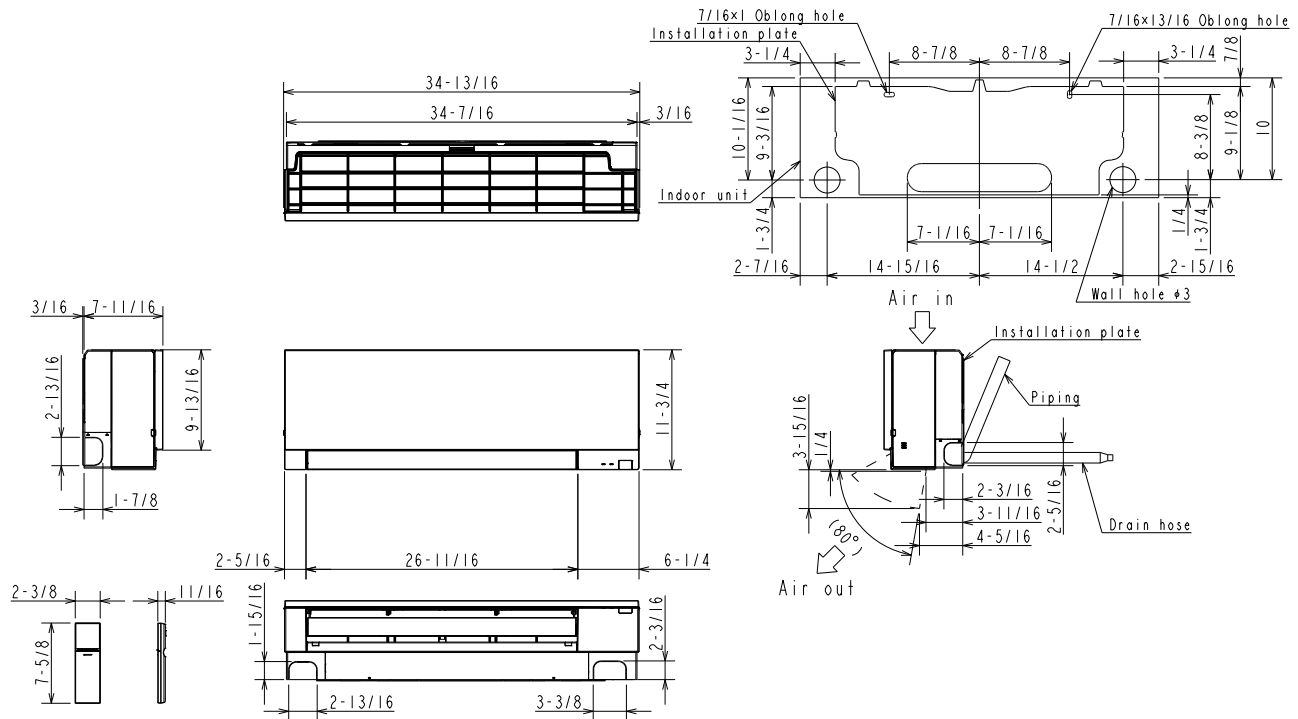
Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

External Finish	Munsell 3.7PB 2.0/0.1	
-----------------	-----------------------	--

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)

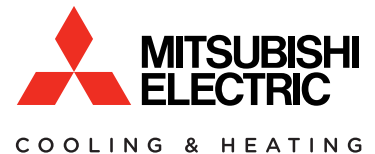
MSZ-EF15NAB-U1

Unit: inch

**MSZ-EF15/18NA**

Piping	Insulation	1-7/16 O.D
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 1/2)
Drain hose		Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF15NAS-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	14,000
Heating at 47° F*2	Btu/h / W	18,000

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F (27° C)DB / 67° F (19° C)WB ; Outdoor: 95° F (35° C)DB / 75° F (24° C)WB

*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	3.6
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	205-233-272-314-364
	WET		176-200-234-270-313
Heating	DRY		194-222-275-350-448

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	28-31-35-39-42
Heating		28-30-35-41-48

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

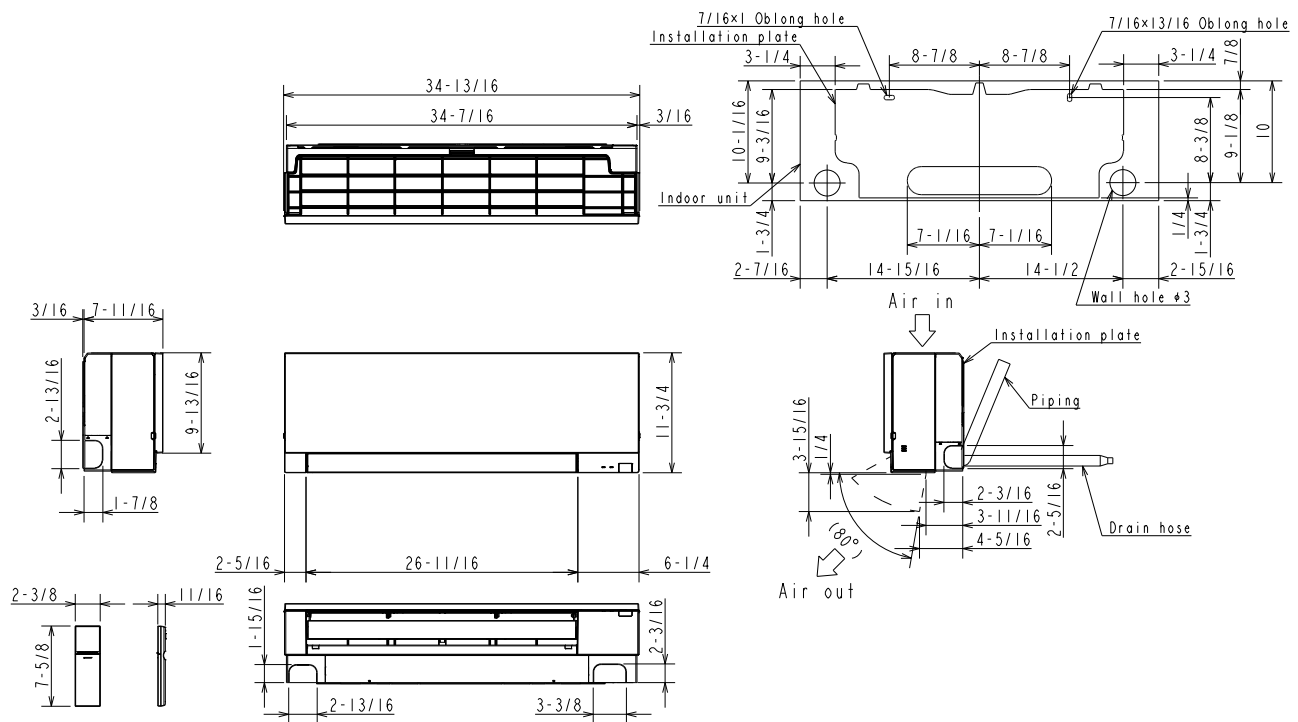
External Finish	Munsell 3.1PB 8.2/0.2	
-----------------	-----------------------	--

Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)

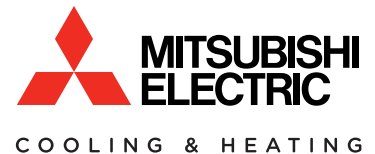
MSZ-EF15NAS-U1

Unit: inch

**MSZ-EF15/18NA**

Piping	Insulation	1-7/16 O.D
	Liquid line	1/4 - 19-11/16 (Flared connection 1/4)
	Gas line	3/8 - 16-15/16 (Flared connection 1/2)
	Drain hose	Insulation 1-1/8 Connected part 5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



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



Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-EF15NAW-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Saueremann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:

Rated Capacity*		
Cooling*1	Btu/h / W	14,000
Heating at 47° F*2	Btu/h / W	18,000

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F(27° C)DB / 67° F(19° C)WB ; Outdoor: 95° F(35° C)DB / 75° F(24° C)WB

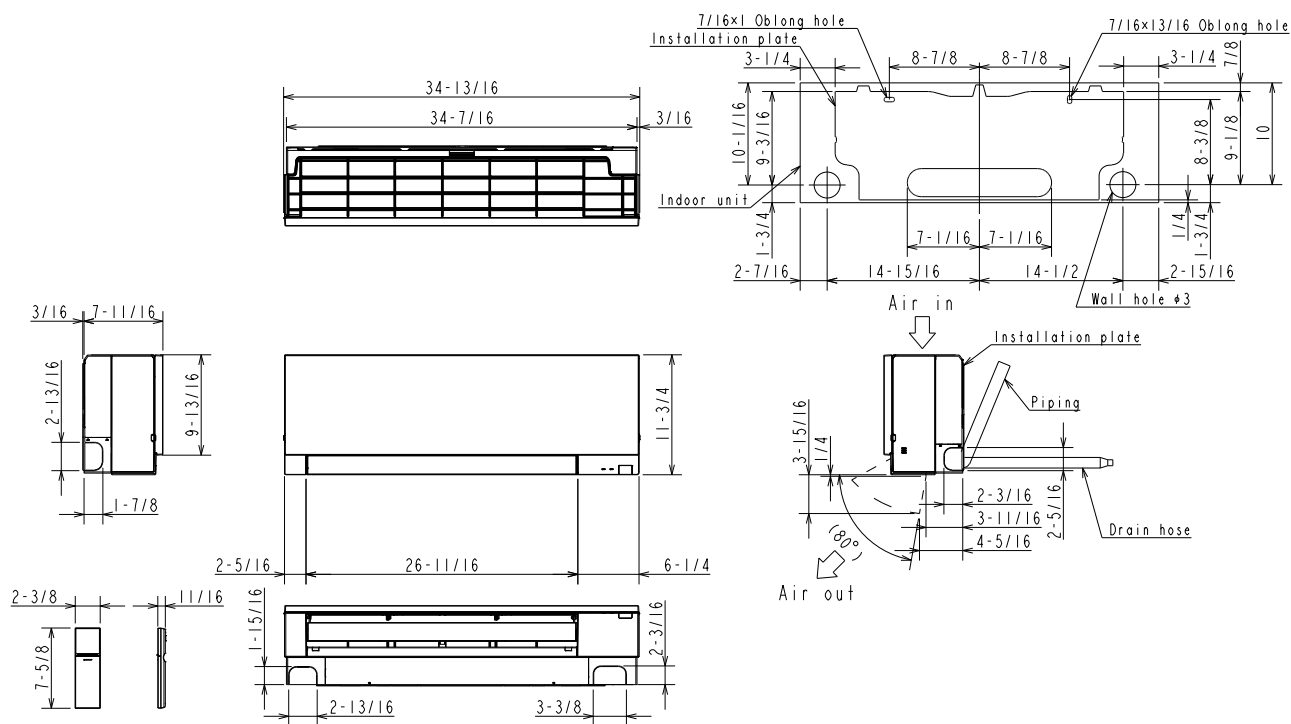
*2 Heating at 47°F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements		208 / 230V, 1-Phase, 60 Hz	
Minimum Circuit Ampacity (MCA)	A	1	
Blower Motor (ECM)	F.L.A.	0.67	
Blower Motor Output	W	30	
Moisture Removal	pt./h	3.6	
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)	
Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)			
Cooling	DRY	CFM	205-233-272-314-364
	WET		176-200-234-270-313
Heating	DRY		194-222-275-350-448
Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)			
Cooling	dB(A)	28-31-35-39-42	
Heating		28-30-35-41-48	
Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)	
Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)	
Unit Weight	Lbs.(kg)	26 (11)	
Package Weight	Lbs.(kg)	29 (13)	
External Finish	Munsell 1.0Y 9.2/0.2		
Refrigerant Piping (Flared)			
Liquid (High Pressure)	In.(mm)	1/4 (6.35)	
Gas (Low Pressure)		1/2 (12.7)	

MSZ-EF15NAW-U1

Unit: inch

**MSZ-EF15/18NA**

Piping	Insulation	Ø1-7/16 O.D
	Liquid line	Ø1/4 - 19-11/16 (Flared connection Ø1/4)
	Gas line	Ø3/8 - 16-15/16 (Flared connection Ø1/2)
	Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D active length 15-3/8

Note: Extension pipe size refer to the specifications table.



COOLING & HEATING

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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF18NAS-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermaann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	17,200
Heating at 47° F*2	Btu/h / W	21,600

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F (27° C)DB / 67° F (19° C)WB ; Outdoor: 95° F (35° C)DB / 75° F (24° C)WB

*2 Heating at 47° F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	4.4
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	205-240-279-328-388
	WET		176-206-240-282-334
Heating	DRY		226-258-318-392-466

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	30-33-36-40-43
Heating		30-33-37-43-49

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

External Finish	Munsell 3.1PB 8.2/0.2
-----------------	-----------------------

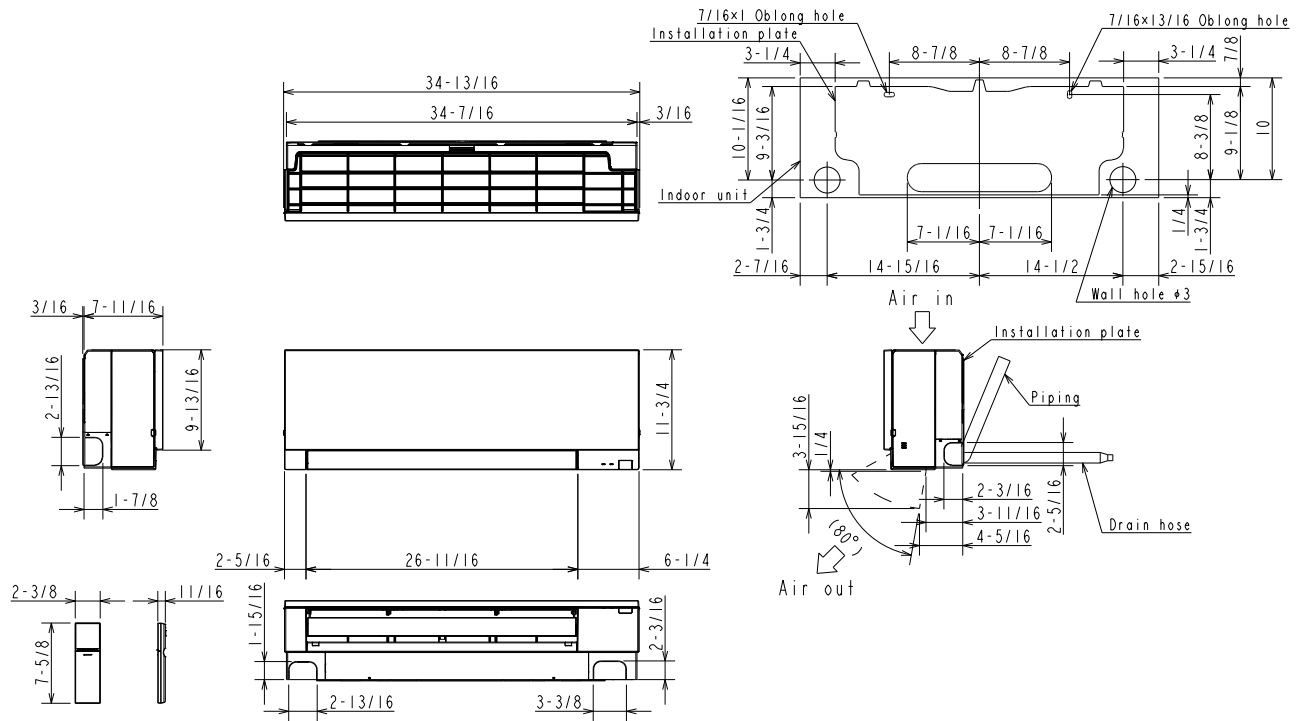
Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)

DIMENSIONS: MSZ-EF18NAS-U1

MSZ-EF18NAS-U1

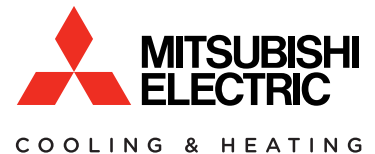
Unit: inch



MSZ-EF15/18NA

Piping	Insulation	$\phi 1 - 7/16$ O.D
	Liquid line	$\phi 1/4 - 19 - 11/16$ (Flared connection $\phi 1/4$)
	Gas line	$\phi 3/8 - 16 - 15/16$ (Flared connection $\phi 1/2$)
	Drain hose	Insulation $\phi 1 - 1/8$ Connected part $\phi 5/8$ O.D active length $15 - 3/8$

Note: Extension pipe size refer to the specifications table.



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



Job Name:

System Reference:

Date:



Indoor Unit: MSZ-EF18NAW-U1



Wireless Remote Controller

ACCESSORIES:**Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-allergy Enzyme Filter (MAC-2320FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-32MAA-J (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

SPECIFICATIONS:**Rated Capacity***

Cooling*1	Btu/h / W	17,200
Heating at 47° F*2	Btu/h / W	21,600

Rating Conditions per AHRI Standard:

*1 Cooling | Indoor: 80° F (27° C)DB / 67° F (19° C)WB ; Outdoor: 95° F (35° C)DB / 75° F (24° C)WB

*2 Heating at 47° F | Indoor: 70° F (21° C)DB / 60° F (16° C)WB ; Outdoor: 47° F (8° C)DB / 43° F (6° C)WB

For data on specific indoor units (all ducted, all non-ducted, and both ducted and non-ducted) combinations, see the MXZ Technical and Service Manual.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
-------------------------------	----------------------------	--

Minimum Circuit Ampacity (MCA)	A	1
--------------------------------	---	---

Blower Motor (ECM)	F.L.A.	0.67
--------------------	--------	------

Blower Motor Output	W	30
---------------------	---	----

Moisture Removal	pt./h	4.4
------------------	-------	-----

Field Drainpipe Size O.D.	In.(mm)	5/8 (15)
---------------------------	---------	----------

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)

Cooling	DRY	CFM	205-240-279-328-388
	WET		176-206-240-282-334
Heating	DRY		226-258-318-392-466

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)

Cooling	dB(A)	30-33-36-40-43
Heating		30-33-37-43-49

Unit Dimensions (H x W x D)	In.(mm)	11-3/4 x 34-13/16 x 7-11/16 (298 x 884 x 195)
-----------------------------	---------	--

Package Dimensions (H x W x D)	In.(mm)	14-1/4 x 38-3/4 x 10-3/4 (362 x 984 x 273)
--------------------------------	---------	---

Unit Weight	Lbs.(kg)	26 (11)
-------------	----------	---------

Package Weight	Lbs.(kg)	29 (13)
----------------	----------	---------

External Finish	Munsell 1.0Y 9.2/0.2	
-----------------	----------------------	--

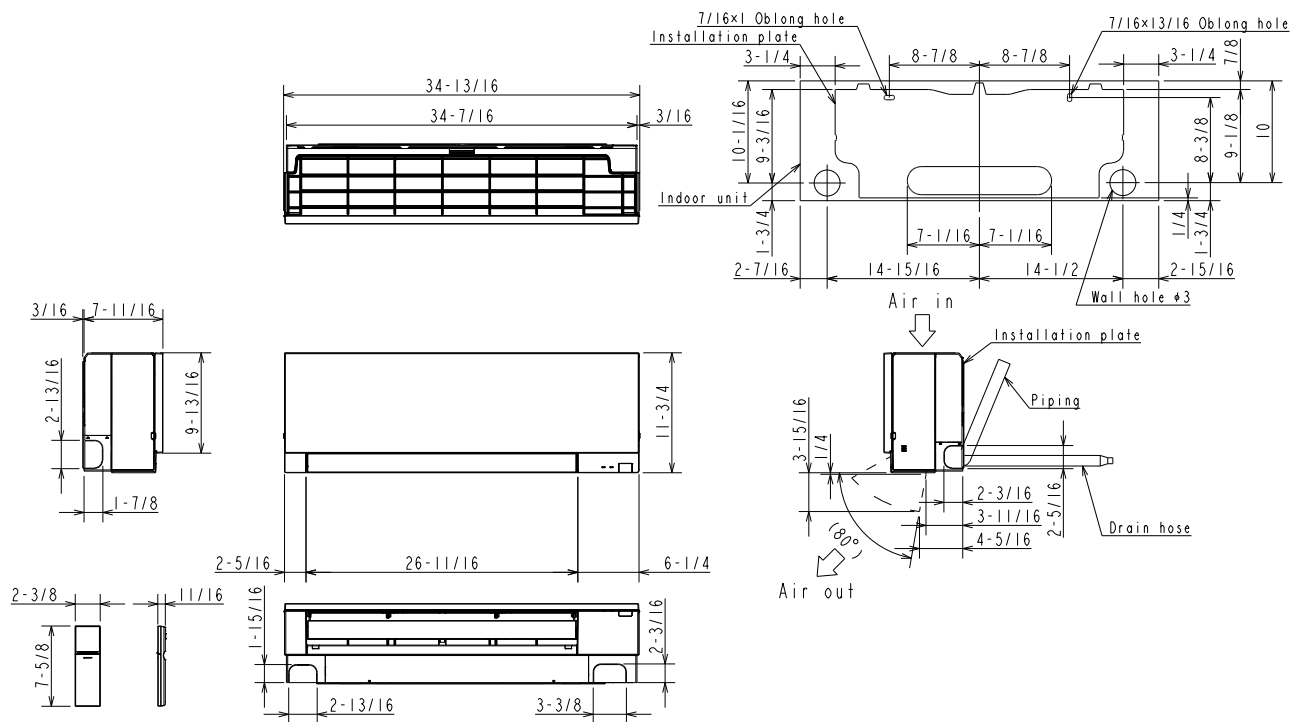
Refrigerant Piping (Flared)

Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		1/2 (12.7)

DIMENSIONS: MSZ-EF18NAW-U1

MSZ-EF18NAW-U1

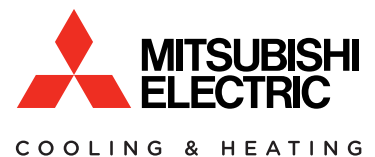
Unit: inch



MSZ-EF15/18NA

Piping	Insulation	$\phi 1-7/16$ O.D
	Liquid line	$\phi 1/4 - 19-11/16$ (Flared connection $\phi 1/4$)
	Gas line	$\phi 3/8 - 16-15/16$ (Flared connection $\phi 1/2$)
	Drain hose	Insulation $\phi 1-1/8$ Connected part $\phi 5/8$ O.D active length $15-3/8$

Note: Extension pipe size refer to the specifications table.



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

