

## CONTENTS

### M-SERIES

---

#### WALL-MOUNTED

MSZ-FX.....	2
MSZ-GX.....	3
MSZ-EX.....	4

#### FLOOR-MOUNTED

MFZ-KX.....	5
-------------	---

#### EZ FIT® CEILING CASSETTE

MLZ-KX.....	6
-------------	---

#### 4-WAY CEILING CASSETTE

SLZ-AF.....	7
-------------	---

#### CEILING-CONCEALED

SEZ-AD.....	8
-------------	---

#### MULTI-POSITION AIR HANDLER

SVZ-AP.....	9
-------------	---

### P-SERIES

#### 4-WAY CEILING CASSETTE

PLA-AE.....	10
-------------	----

#### CEILING-SUSPENDED

PCA-AK.....	11
-------------	----

#### CEILING-CONCEALED

PEAD-AA.....	12
--------------	----

#### intelli-HEAT™ CASED COIL

PAA-AA.....	13
-------------	----

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit / Outdoor Unit		M-SERIES WALL-MOUNT					
		MSZ-FX06NL	MSZ-FX09NL	MSZ-FX12NL	MSZ-FX15NL	MSZ-FX18NL	MSZ-FX24NL
MXZ-NL	2D20	○	○	○	○		
	3D24	○	○	○	○	○	
	4D30	○	○	○	○	○	
	5D36	○	○	○	○	○	
	5D42	○	○	○	○	○	
MXZ-NLHZ	2D20	○	○	○	○		
	3D24	○	○	○	○	○	
	3D30	○	○	○	○	○	
MXZ-SM • NL	SM36	○	○	○	○	○	
	SM48	○	○	○	○	○	
	SM60	○	○	○	○	○	
MXZ-SM • NLHZ	SM36	○	○	○	○	○	
	SM42	○	○	○	○	○	
	SM48	○	○	○	○	○	

Remarks:

- Officially connectable

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit Outdoor Unit		M-SERIES WALL-MOUNT							
		MSZ-GX06NL	MSZ-GX09NL	MSZ-GX12NL	MSZ-GX15NL	MSZ-GX18NL	MSZ-GX24NL	MSZ-GX30NL	MSZ-GX36NL
MXZ-NL	2D20	○	○	○	○				
	3D24	○	○	○	○	○			
	4D30	○	○	○	○	○	○		
	5D36	○	○	○	○	○	○		
	5D42	○	○	○	○	○	○		
MXZ-NLHZ	2D20	○	○	○	○				
	3D24	○	○	○	○	○			
	3D30	○	○	○	○	○	○		
MXZ-SM • NL	SM36	○	○	○	○	○	○		
	SM48	○	○	○	○	○	○		
	SM60	○	○	○	○	○	○		
MXZ-SM • NLHZ	SM36	○	○	○	○	○	○		
	SM42	○	○	○	○	○	○		
	SM48	○	○	○	○	○	○		

Remarks:

- Officially connectable

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit Outdoor Unit		M-SERIES WALL-MOUNT			
		MSZ-EX09NL(W)(B)(S)	MSZ-EX12NL(W)(B)(S)	MSZ-EX15NL(W)(B)(S)	MSZ-EX18NL(W)(B)(S)
MXZ-NL	2D20	○	○	○	
	3D24	○	○	○	○
	4D30	○	○	○	○
	5D36	○	○	○	○
	5D42	○	○	○	○
MXZ-NLHZ	2D20	○	○	○	
	3D24	○	○	○	○
	3D30	○	○	○	○
MXZ-SM • NL	SM36				
	SM48				
	SM60				
MXZ-SM • NLHZ	SM36				
	SM42				
	SM48				

Remarks:

- Officially connectable

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit / Outdoor Unit		M-SERIES FLOOR-STANDING			
		MFZ-KX09NL	MFZ-KX12NL	MFZ-KX15NL	MFZ-KX18NL
MXZ-NL	2D20 <sup>1</sup>	○	○	○	
	3D24 <sup>1</sup>	○	○	○	○
	4D30 <sup>1</sup>	○	○	○	○
	5D36 <sup>1</sup>	○	○	○	○
	5D42 <sup>1</sup>	○	○	○	○
MXZ-NLHZ	2D20 <sup>1</sup>	○	○	○	
	3D24 <sup>1</sup>	○	○	○	○
	3D30 <sup>1</sup>	○	○	○	○
MXZ-SM • NL	SM36 <sup>2</sup>	○	○	○	○
	SM48 <sup>2</sup>	○	○	○	○
	SM60 <sup>2</sup>	○	○	○	○
MXZ-SM • NLHZ	SM36 <sup>2</sup>	○	○	○	○
	SM42 <sup>2</sup>	○	○	○	○
	SM48 <sup>2</sup>	○	○	○	○

Remarks:

○ Officially connectable

1. A maximum of two MFZ units can be connected on one systems (connection of three or more units is prohibited.)

2. When connecting one or more MFZ-KX09 or PLA-AE12 units, the total system capacity shall be equal to or lower 105% of the outdoor unit capacity.

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit / Outdoor Unit		M-SERIES EZ FIT®			
		MLZ-KX06NL	MLZ-KX09NL	MLZ-KX12NL	MLZ-KX18NL
MXZ-NL	2D20	○	○	○	
	3D24	○	○	○	○
	4D30	○	○	○	○
	5D36	○	○	○	○
	5D42	○	○	○	○
MXZ-NLHZ	2D20	○	○	○	
	3D24	○	○	○	○
	3D30	○	○	○	○
MXZ-SM • NL	SM36	○	○	○	○
	SM48	○	○	○	○
	SM60	○	○	○	○
MXZ-SM • NLHZ	SM36	○	○	○	○
	SM42	○	○	○	○
	SM48	○	○	○	○

Remarks:  
 ○ Officially connectable

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit \ Outdoor Unit		M-SERIES 4-WAY CEILING CASSETTE			
		SLZ-AF09NL	SLZ-AF12NL	SLZ-AF15NL	SLZ-AF18NL
MXZ-NL	2D20	○	○		
	3D24	○	○	○	○
	4D30	○	○	○	○
	5D36	○	○	○	○
	5D42	○	○	○	○
MXZ-NLHZ	2D20	○	○	○	
	3D24	○	○	○	○
	3D30	○	○	○	○
MXZ-SM • NL	SM36	○	○	○	
	SM48	○	○	○	
	SM60	○	○	○	
MXZ-SM • NLHZ	SM36	○	○	○	
	SM42	○	○	○	
	SM48	○	○	○	

Remarks:

- Officially connectable

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit \ Outdoor Unit		M-SERIES CEILING-CONCEALED			
		SEZ-AD09NL	SEZ-AD12NL	SEZ-AD15NL	SEZ-AD18NL
MXZ-NL	2D20	○	○	○	
	3D24	○	○	○	○
	4D30	○	○	○	○
	5D36	○	○	○	○
	5D42	○	○	○	○
MXZ-NLHZ	2D20	○	○	○	
	3D24	○	○	○	○
	3D30	○	○	○	○
MXZ-SM • NL	SM36 <sup>1</sup>	○	○	○	○
	SM48 <sup>1</sup>	○	○	○	○
	SM60 <sup>3</sup>	○	○	○	○
MXZ-SM • NLHZ	SM36 <sup>2</sup>	○	○	○	○
	SM42 <sup>2</sup>	○	○	○	○
	SM48 <sup>2</sup>	○	○	○	○

**Remarks:**

○ Officially connectable

1. A branch box can only have a maximum of 3 SEZ units. If 3 SEZ units are connected to the 1 branch box, then additional units cannot be connected to the same branch box
2. A branch box can only have a maximum of 3 SEZ/PEAD units. If 3 SEZ/PEAD units are connected to the 1 branch box, then additional units cannot be connected to the same branch box
3. A branch box can only have a maximum of 2 SEZ/PEAD units. When connecting any number of SEZ/PEAD units, the total connected capacity should not exceed 100%

Please refer to Application Note 1039 for more information and exceptions to these rules.



# Low GWP MXZ Series Compatibility Matrix



Indoor Unit / Outdoor Unit		M-SERIES MULTI-POSITION AIR HANDLER				
		SVZ-AP12NL	SVZ-AP18NL	SVZ-AP24NL	SVZ-AP30NL	SVZ-AP36NL
MXZ-NL	2D20 <sup>1</sup>	○				
	3D24 <sup>2,3</sup>	○	○			
	4D30 <sup>2,3</sup>	○	○	○		
	5D36 <sup>2,3</sup>	○	○	○		
	5D42 <sup>2,3</sup>	○	○	○		
MXZ-NLHZ	2D20 <sup>1</sup>	○				
	3D24 <sup>2,3</sup>	○	○			
	3D30 <sup>2,3</sup>	○	○	○		
MXZ-SM • NL	SM36 <sup>4,6</sup>	○	○	○	○	○
	SM48 <sup>4,6</sup>	○	○	○	○	○
	SM60 <sup>4,5,6</sup>	○	○	○	○	○
MXZ-SM • NLHZ	SM36 <sup>4,6</sup>	○	○	○	○	○
	SM42 <sup>4,6</sup>	○	○	○	○	○
	SM48 <sup>4,6</sup>	○	○	○	○	○

**Remarks:**

○ Officially connectable

1. A maximum of one SVZ/PAA can be connected. Additional indoor units of other types can be connected but must not exceed 100% of the rated cooling capacity.
2. Two or more SVZ/PAA/PEAD cannot be connected.
3. A maximum of two SVZ/PAA units can be connected. When two SVZ/PVA are connected, no additional indoor units can be connected (i.e. max of 2). If only one SVZ/PAA are connected, there is no limit on the total number of indoor units that can be connected. Do not use SVZ or PAA and PEAD together on one system.
4. When connecting two SVZ-series units, without the SPTB1, any indoor units other than SVZ-series cannot be connected (i.e. max of two SVZ allowed).
5. When connecting 1 SVZ-series unit, the total rated capacity (cooling) should be 100% or below including the SVZ-series unit. Additionally, only 1 SEZ or 1 PEAD can be included in the connection.
6. When connecting 3 or more SVZ-series units, see additional information as shown in Application Note 1039 to ensure correct design and selection or utilize Design System Builder (DSB)

Please refer to Application Note 1039 for more information and exceptions to these rules

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit / Outdoor Unit		P-SERIES 4-WAY CEILING CASSETTE					
		PLA-AE12NL	PLA-AE18NL	PLA-AE24NL	PLA-AE30NL	PLA-AE36NL	PLA-AE42NL
MXZ-NL	2D20						
	3D24						
	4D30						
	5D36						
	5D42						
MXZ-NLHZ	2D20						
	3D24						
	3D30						
MXZ-SM • NL	SM36 <sup>1,2</sup>	○	○	○	○	○	
	SM48 <sup>1,4</sup>	○	○	○	○	○	
	SM60 <sup>1,4</sup>	○	○	○	○	○	
MXZ-SM • NLHZ	SM36 <sup>1,2</sup>	○	○	○	○	○	
	SM42 <sup>1,3</sup>	○	○	○	○	○	
	SM48 <sup>1,4</sup>	○	○	○	○	○	

Remarks:

○ Officially connectable

1. When connecting one or more MFZ-KX09 or PLA-AE12 units, the total system capacity shall be equal to or lower than 105% of the outdoor unit capacity.
2. When any number of PLA-A-EA7 units are connected, the maximum number of allowable connected indoor units decreases to 3
3. When any number of PLA-A-EA7 units are connected, the maximum number of allowable connected indoor units decreases to 4
4. When any number of PLA-A-EA7 units are connected, the maximum number of allowable connected indoor units decreases to 6

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit \ Outdoor Unit		P-SERIES CEILING-SUSPENDED			
		PCA-AK24NL	PCA-AK30NL	PCA-AK36NL	PCA-AK42NL
MXZ-NL	2D20				
	3D24				
	4D30				
	5D36				
	5D42				
MXZ-NLHZ	2D20				
	3D24				
	3D30				
MXZ-SM • NL	SM36				
	SM48				
	SM60				
MXZ-SM • NLHZ	SM36				
	SM42				
	SM48				

Remarks:

- Officially connectable

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit / Outdoor Unit		P-SERIES CEILING-CONCEALED							
		PEAD-AA09NL	PEAD-AA12NL	PEAD-AA15NL	PEAD-AA18NL	PEAD-AA24NL	PEAD-AA30NL	PEAD-AA36NL	PEAD-AA42NL
MXZ-NL	2D20 <sup>1,2</sup>	○	○						
	3D24 <sup>1,2</sup>	○	○	○	○				
	4D30 <sup>1,2</sup>	○	○	○	○	○			
	5D36 <sup>1,2</sup>	○	○	○	○	○			
	5D42 <sup>1,2</sup>	○	○	○	○	○			
MXZ-NLHZ	2D20 <sup>1,2</sup>	○	○						
	3D24 <sup>1,2</sup>	○	○	○	○				
	3D30 <sup>1,2</sup>	○	○	○	○	○			
MXZ-SM • NL	SM36 <sup>3</sup>	○	○	○	○	○	○	○	
	SM48 <sup>3</sup>	○	○	○	○	○	○	○	
	SM60 <sup>4</sup>	○	○	○	○	○	○	○	
MXZ-SM • NLHZ	SM36 <sup>3</sup>	○	○	○	○	○	○	○	
	SM42 <sup>3</sup>	○	○	○	○	○	○	○	
	SM48 <sup>3</sup>	○	○	○	○	○	○	○	

**Remarks:**

○ Officially connectable

1. A maximum of 2 PEAD units can be connected (connection of three or more PEAD units is prohibited.)

2. Do not use SVZ/PAA and PEAD together on one system.

3. A branch box can only have a maximum of 3 PEAD units. If 3 PEAD units are connected to the 1 branch box, then additional units cannot be connected to the same branch box

4. A branch box can only have a maximum of 2 PEAD units. When connecting any number of PEAD units, the total connected capacity should not exceed 100%

Please refer to Application Note 1039 for more information and exceptions to these rules

# Low GWP MXZ Series Compatibility Matrix



Indoor Unit \ Outdoor Unit		P-SERIES intelli-HEAT™ CASED COIL									
		PAA-AA18NL	PAA-BA18NL	PAA-AA24NL	PAA-BA24NL	PAA-AA30NL	PAA-BA30NL	PAA-BA36NL	PAA-CA36NL	PAA-BA42NL	PAA-CA42NL
MXZ-NL	2D20										
	3D24 <sup>1, 2, 7</sup>	○	○								
	4D30 <sup>1, 2, 7</sup>	○	○	○	○						
	5D36 <sup>1, 2, 7</sup>	○	○	○	○						
	5D42 <sup>1, 2, 7</sup>	○	○	○	○						
MXZ-NLHZ	2D20										
	3D24 <sup>1, 2, 7</sup>	○	○								
	3D30 <sup>1, 2, 7</sup>	○	○	○	○						
MXZ-SM • NL	SM36 <sup>3, 6, 7</sup>	○	○	○	○	○	○	○	○		
	SM48 <sup>5, 6, 7</sup>	○	○	○	○	○	○	○	○		
	SM60 <sup>2, 5, 6, 7</sup>	○	○	○	○	○	○	○	○		
MXZ-SM • NLHZ	SM36 <sup>3, 6, 7</sup>	○	○	○	○	○	○	○	○		
	SM42 <sup>4, 6, 7</sup>	○	○	○	○	○	○	○	○		
	SM48 <sup>5, 6, 7</sup>	○	○	○	○	○	○	○	○		

**Remarks:**

○ Officially connectable

1. A maximum of 2 PAA units can be connected
2. When connecting any number of PAA units, the total connected capacity must not exceed 100%
3. When any number of PAA units are connected, the maximum number of allowable connected indoor units decreases to 3
4. When any number of PAA units are connected, the maximum number of allowable connected indoor units decreases to 4
5. When any number of PAA units are connected, the maximum number of allowable connected indoor units decreases to 6
6. The maximum total piping length depends on the number of PAA indoor units available (refer to the PAA installation manual for further detail)
7. If only PAA units are connected with no other indoor unit type connected to the system, there must be a minimum total piping length of 33 Ft. from the outdoor unit to each of the PAA units