M-SERIES

SUBMITTAL DATA: MFZ-KJ15NA & MUFZ-KJ15NAHZ 15,000 BTU/H FLOOR-MOUNTED HEAT PUMP SYSTEM



Job Name:	
System Reference:	Date:

Indoor Unit: MFZ-KJ15NA	Outdoor Unit: MUFZ-KJ15NAHZ	Wireless Remote Controller
Asser		(S)

GENERAL FEATURES

- Floor-mounted indoor unit mounts on the floor or up to 5" above the floor
- Floor front panel access to the filter for ease of cleaning
- · Perfect for difficult areas that may be smaller or don't have usable space on the walls
- Multiple fan speed options: Quiet, Low, Medium, High, Super-high, Auto
- · Quiet operation
- Multi-flow vane for faster heating
- Multiple control options available:
- Hand-held Remote Controller (provided with unit)
- kumo cloud® smart device app for remote access
- Third-party interface options
- Wired or wireless controllers
- Unit can be recessed mounted into wall

SPECIFICATIONS: MFZ-KJ15NA & MUFZ-KJ15NAHZ

		Marianan Ocasaita	DTUUL	40.000	
Cooling** Minum Cascaly STUAM 5.202 Cooling** Maximum Power Input W 1.335 Marian Maximum Power Input W 1.135 Marian Present Patter Great Patter 9.00 Peace Patter Present Patter 9.00 9.00 Marian Cascaly 6.00 9.00 3.00 Marian Cascaly 6.00 3.00 3.00 Marian Cascaly 6.00 3.00 3.00 Marian Cascaly 9.00 3.00 3.00 Marian Cascal Pose Input 9.00 3.00 3.00 Marian Cascal Pose Input 9.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Cooling ¹	Maximum Capacity	BTU/H	19,000	
Colorable Modum Preser highed W 1.858 Modum Feed Feeder W 0.13.28 Modum Feeder Seater Person 0.90 Person Feeder Seater N 9.99 Person Feeder Seater N 9.99 Maritum Capothy 817.14 9.99 Maritum Capothy 187.14 9.00 Maritum Capothy 187.14 9.00 Maritum Capothy W 3.41 Maritum Capothy W 3.41 Maritum Capothy W 3.41 Maritum Capothy 0.70 9.00				·	
Civing Name Read Proof Imput W 1.128 Manuface Remonal Please 3.3 Southalt Feed Read % 0.068 Southalt Feed Read % 0.000 Manuface Capacity 8111-41 2.2020 Healing at TYP3 Ratio Capacity 8111-41 1.8220 Manuface Proof read W 3.740 3.740 Meanting Peer Input W 3.410 3.700 Meanting All TYP3 Read Capacity 8111-41 2.000 Meanting Capacity 8111-41 2.000 3.114 Meanting Capacity 8111-41 2.000 3.114 Meanting at XYP3 Manuface Capacity 8111-41 2.000 Meanting at XYP4 Manuface Capacity 8111-41 2.000 Meanting at XYP4 Manuface Capacity 8111-41 1.5346 Meanting at XYP4 Manuface Capacity 811.42 1.5346 Meanting at XYP4 Manuface Capacity 811.42 1.5346 Meanting at XYP4 Manuface Capacity				·	
Medica Residual Provide 3.3 Possibor Heat Factor % 0.968 Pear Factor % 0.968 Assimum Capacity BTUM 3.53.00 Heating at 47TP Assimum Capacity BTUM 0.70.00 Macround Power Input W 1.41.00 Assimum Capacity W 1.41.00 Pleasing at 17Y3 Assimum Capacity W 0.93.00 Macround Power Input W 0.93.00 Macround Capacity BTUM 0.93.00 Macround Capacity BTUM 0.93.00 Medicing at 1.22 Assimum Power Input W 0.93.00 Macround Capacity BTUM 0.93.00 0.93.00 Macround Capacity BTUM 0.93.00 0.93.00 Macround Capacity BTUM 0.93.00 <		'		·	
Pentil Pent Foto 10 0 0 0 0 0 0 0 0		Rated Power Input	W	1,120	
Power Factor % 98888 Maymum Capacity BTUM 3,5,00 Medium Power Input BTUM 3,5,00 Martium Power Input W 3,410 Martium Power Input W 1,410 Martium Power Input W 1,410 Martium Power Input W 0,915 Martium Power Input W 0,905 Martium Power Input W 0,905 Martium Power Input W 0,100 Martium Capacity BTUM 0,100		Moisture Removal	Pints/h	3.9	
Peach Bank Depart (a) Facility (a) (a) (b) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		Sensible Heat Factor		0.66	
Page (2004) 8 TUH 15,000 Manisuru Gapacily BTUH 5,700 Minisuru Gapacily W 3,410 Manisuru Gapacily W 3,410 Power Factor W 0 0,140 Manisuru Gapacily BTUH 2,000 Manisuru Power Input W 3,190 Manisuru Gapacily BTUH 3,190 Manisuru Gapacily BTUH 1,000 Manisuru Gapacily BTUH 1,000 Manisuru Gapacily BTUH 1,000 Manisuru Gapacily BTUH 1,000 Peace (2004) Minisuru Gapacily BTUH 1,000 Manisuru Gapacily BTUH 1,000 Peace (2004) BTUH		Power Factor	%	96/96	
Heating at 47°7		Maximum Capacity	BTU/H	25,000	
Heating at 47°P² Kalami Power Input W 3,410 Acade Fower Input W 1,410 Acade Fower Input W 0,900 Acade Goods (Fred Taxion) % 0,900 Acade Goods (Fred Taxion) BTUM 2,2550 Acade Goods (Fred Taxion) BTUM 2,300 Acade Power Input W 0,3190 Acade Power Input W 0,3190 Mealing at 5°P (Fred Taxion) W 0,3190 Movement Capacity BTUM 0,2590 Healing at 1,2°P (M) W 0,2590 Movement Capacity BTUM 0,1380 Healing at 1,2°P (M) W 0,2590 Movement Capacity BTUM 0,1380 Movement Capacity BTUM 1,380 Movement Capacity BTUM 1,380 Capacity 1,2°P (M) 1,380 1,380 Capacity 2,2°P (M) 1,380 1,380 Capacity 2,2°P (M) 1,380 1,380 Capacity 2,2°P (M) 1,380 1,380 <td></td> <td>Rated Capacity</td> <td>BTU/H</td> <td>18,000</td>		Rated Capacity	BTU/H	18,000	
Maximum Power Input W	Heating at 47°F2	Minimum Capacity	BTU/H	5,700	
Power Factor % 00 / 90 Haiting at 17F3 Maximum Capacity BTUM 20,500 Heating at 17F3 Rated Capacity W 1,500 Heating at 17F4 Maximum Power Input W 1,500 Hoating at 41F4 Maximum Capacity BTUM 1,000 Hoating at 14F4 Maximum Capacity BTUM 1,564 Heating at 14F4 Maximum Capacity BTUM 1,564 Heating at 14F4 Maximum Capacity BTUM 1,584 Heating at 14F4 Maximum Capacity BTUM 1,584 Heating at 14F4 Maximum Capacity BTUM 1,386 EER EER 21.83 1.83 EER 11.8 1.13 1.83 EER 1 1.12 1.13 1.13 EER 1 1.2 1.13 1.13 EER 1 1.2 1.13 1.13 EER 2 1.2 1.13 1.13 EER 1 1.2 1.2 1.13 EER 2<	risating at 47 T	Maximum Power Input	W	3,410	
Heating at 1°F² Miscinar Capacity 8 BUH 2,500 Meating at 1°F² Cale Capacity 0 TUM 1,200 Heating at 1°F² Maximum Capacity 0 W 1,300 Heating at 1°F² Maximum Capacity 0 W 1,800 Heating at 1°F² Maximum Capacity 8 TUM 1,540 Heating at 1°F² Maximum Capacity 8 TUM 1,380 EBE! 15.5 11.5 EBE! 15.5 11.6 I SSF (IV) 11.6 11.5 I SSF (IV) 11.6 11.6 COP at 47°F² 13.8 13.8 COP at 47°F² 13.8 13.8 COP at 47°F² 13.8 13.8 DINERGY STAR® critified uninsigNINEGY STAR products are lived party certified. 7 SS 2000.0 DINERGY STAR® critified uninsigNINEGY STAR products are lived party certified. 7 VAC 208200/1 phase.004z Electroal VAC 208200/1 phase.004z 1 VAC 208200/1 phase.004z Electroal 10 VAC 208200/1 phase.004z 1 VAC 208200/1 ph		Rated Power Input	W	1,410	
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Heating at 17°P in Randem Private Input W 3.190 Heating at 5°P in Randem Capacity W 3.190 Heating at 4°P in Randem Capacity Bottom BrUth 1.580 Heating at 4°P in Maximum Capacity Bottom BTUH 1.584 EER EER 2 18 3.54 EER EER 3.14 3.54 EER (P) 1.18 3.54 3.14 EER (P) 3.14 3.14 3.14 CPD at 4°P° (P) 3.14 3.14 3.14 EER (P) 3.14 3.14 3.14 CPD at 4°P° (P) 3.14 3.14 3.14 CPD at 4°P° (P) 3.14 3.14 3.14 EER (P) 3.14 3.14 3.14 CPD at 4°P° (P) 3.14 3.14 3.14 EER (P) 3.14 3.14		Maximum Capacity	BTU/H	20,500	
Matinum Power Input W 3,100 Maching at 6°F ¹ Maximum Capacity 300 3,300 Heating at 4°F ² Maximum Capacity 8TUH 1,500 Hating at 4°F ² Maximum Capacity 8TUH 1,5840 Hating at 1°F ² SEER 21,83 EER* 1,35 1,35 EER* 1,35 1,35 COP at 7°F ² 1,35 1,35 COP at 7°F ² 1,35 1,37 COP at 7°F in Maximum Capacity 1,70 1,17 EER* 1,70 1,70 COP at 7°F in Maximum Capacity 1,70 1,17 COP at 7°F in Maximum Capacity 1,70 1,17 COP at 7°F in Maximum Capacity 1,17 1,17 COP at 17°F in Maximum Capacity 1,17 1,17 1,17 COP at 17°F in Maximum Capacity 1,10 1,1	H	Rated Capacity	BTU/H	12,000	
Heating at S°P* Maximum Capacity BTUH 18,000 Heating at 4°P3 Maximum Capacity BTUH 1,58,40 Heating at 4°P3 Maximum Capacity BTUH 1,58,40 Heating at 1°P3 SEER 2,18 1,38 EER* 1,16 1,16 1,16 EER* 1,16 1,16 1,16 COP at 7°P1 in Maximum Capacity³ 1,16 1,79 COP at 7°P1 in Maximum Capacity³ 1,79 1,79 ENERGY STAR® centified untate(ENERGY STAR products are triad-party centrified by an EPA-recognized central triad-centrified intake(PNERGY STAR products are triad-party centrified by an EPA-recognized central triad-centrified intake(PNERGY STAR products are triad-party centrified by an EPA-recognized central triad-central	Heating at 17°F3	Maximum Power Input	W	3,190	
Heating at 1°F² Maximum Fower Input W 2,050 Heating at 4°F² Maximum Capacity BTUH 15,840 Heating at 13°F² Maximum Capacity 21.8 SER 21.8 21.8 EBER¹ 37.4 13.5 EBER¹ 21.8 13.5 EBF (V) 37.4 15.8 COP at 17°F in Maximum Capacity² 18.8 18.8 COP at 17°F in Maximum Capacity² 18.8 17.9 ENERGY STATR® centified unstigENERGY STAR products are third-party centre 17.9 17.9 ENERGY STATR® centified unstigENERGY STAR products are third-party centre 17.9 17.9 Expectical 101ge, Phase, Frequency V AC 17.9 Expectical 101ge, Phase, Frequency V AC 17.9 Expectical 101ge, Phase, Frequency V AC 17.2 Expectical 101ge, Phase, Frequency V AC 17.2 Expectical 101ge, Phase, Frequency V AC 17.2 Expectical 101ge, Indoor, Outdoor, S2-S3 19.4 19.2 <td></td> <td>Rated Power Input</td> <td>W</td> <td>1,300</td>		Rated Power Input	W	1,300	
Basimum Capacity W 2,550 Heating at -13°° Maximum Capacity BTUH 1,5840 Heating at -13°° SEER 21.8 21.8 EER' 13.5 11.5 HSPF (V) 11.6 13.5 COP at 47°° 3,74 3.74 COP at 17°F In Maximum Capacity¹ 1.88 1.79 ENERGY SY Tay® centified untis(ENERGY STAR products are third-party centified. YES 1.79 ENERGY SY Tay® centified untis(ENERGY STAR products are third-party centified. YES 2082/30/1 phase, 60Hz Electrical Yoltage, Phase, Frequency YAC 1.872-253 Voltage, Phase, Frequency YAC 2082/30/1 phase, 60Hz Voltage, Phase, Frequency YAC 1.872-253 Voltage, Phase, Frequency YAC 2082/30/1 phase, 60Hz Electrical Fairly (SCCR) A 3 Recomm		Maximum Capacity	BTU/H	18,000	
Heating at 1:31°F6 Maximum Capacity BTUH 13,860 ERF 21.8 13.5 HSPF (IV) 11.6 13.5 HSPF (IV) 11.6 3.74 COP at 47°F² 3.74 3.74 COP at 5°F in Maximum Capacity³ 1.88 1.79 ENERGY STAR® certified untis(ENERGY STAR products are third-party certifieds) The 1.79 YES Electrical Quaranteed Voltage Range VAC 187-253 Voltage, Phase, Frequency VAC 187-253 Voltage: Indoor - Outdoor, St-32 VAC 187-253 Voltage: Indoor - Outdoor, St-33 VAC 24 Sont-circuit Current Rating (SCCR) IAA 5 Recommended Vire Size (Indoor - Outdoor) ANY 14 MOCP A 20 Rower Motor Culput W 30 Blower Motor Culput W 30 Airflow Rate at Heating, Dry GFM 431-32-311-241-198 Airflow Rate at Heating, Dry GFM 431-33-331-241-118 Airflow Rate at Heating, Dry G	Heating at 5°F ⁴	Maximum Power Input	W	2,950	
BER	Heating at -4°F ⁵	Maximum Capacity	BTU/H	15,840	
ERE1	Heating at -13°F ⁶	Maximum Capacity	BTU/H	13,860	
HSPF (IV) 11.6 COP at 47°F² 3.74 COP at 47°F² 1.88 COP at 5°F in Maximum Capacity³ 1.79 Continuation Capacity³ 2082830V.1 phase, 60Hz Continuation Capacity³ Capacity* College Phase, 60Hz 2082820V.1 phase, 60Hz College Phase, 60Hz 2082820V.1 phase, 60Hz College Phase, 60Hz 2082820V 2082820V <th co<="" td=""><td></td><td>SEER</td><td></td><td>21.8</td></th>	<td></td> <td>SEER</td> <td></td> <td>21.8</td>		SEER		21.8
Efficiency COP at 17°F in Maximum Capacity¹ 1.88 COP at 17°F in Maximum Capacity⁴ 1.79 ENERGY STAR® certified untis(ENERGY STAR products are third-party certified by an EPA-recognized circlination Body). YES ENERGY STAR® certified untis(ENERGY STAR products are third-party certified by an EPA-recognized circlination Body). YES Electrical Voltage, Phase, Frequency 208/230V,1 phase, 60Hz Guaranteed Voltage Range V AC 187-253 Voltage: Indoor - Outdoor, S1-S2 V AC 208/230 Voltage: Indoor - Outdoor, S2-S3 V DC 24 Short-circuit Current Rating (SCCR) KA 5 Recommended Fuse(Breaker Size (Outdoor) A 20 Recommended Fuse(Breaker Size (Outdoor) A MG 14 MCA A 20 Recommended Fuse (Breaker Size (Outdoor) A MG 20 Recommended Fuse (Breaker Size (Outdoor) A MG 20 Blower Motor Cultudad Amperage A 0.62 Blower Motor Cultudad Amperage A 0.62 Blower Motor Cultudad Amperage A 0.62 Alrifow Rate a		EER ¹		13.5	
Efficiency COP at 17°F in Maximum Capacity¹ 1.88 COP at 17°F in Maximum Capacity⁴ 1.79 ENERGY STAR® certified untis(ENERGY STAR products are third-party certified by an EPA-recognized circlination Body). YES ENERGY STAR® certified untis(ENERGY STAR products are third-party certified by an EPA-recognized circlination Body). YES Electrical Voltage, Phase, Frequency 208/230V,1 phase, 60Hz Guaranteed Voltage Range V AC 187-253 Voltage: Indoor - Outdoor, S1-S2 V AC 208/230 Voltage: Indoor - Outdoor, S2-S3 V DC 24 Short-circuit Current Rating (SCCR) KA 5 Recommended Fuse(Breaker Size (Outdoor) A 20 Recommended Fuse(Breaker Size (Outdoor) A MG 14 MCA A 20 Recommended Fuse (Breaker Size (Outdoor) A MG 20 Recommended Fuse (Breaker Size (Outdoor) A MG 20 Blower Motor Cultudad Amperage A 0.62 Blower Motor Cultudad Amperage A 0.62 Blower Motor Cultudad Amperage A 0.62 Alrifow Rate a		HSPF (IV)		11.6	
COP at 17°F in Maximum Capacity ³ 1.88					
COP at 5'F in Maximum Capacity ⁴ 1.79	Efficiency	COP at 17°F in Maximum Capacity ³			
ENERGY STAR® certified units(ENERGY STAR products are third-party certified by an EPA-recognized Certification Body.) Voltage, Phase, Frequency				1.79	
Voltage, Phase, Frequency 208/230V, 1 phase, 60Hz			YES		
Electrical				208/230V 1 phase 60Hz	
Voltage: Indoor - Outdoor, St-S2				<u> </u>	
Electrical Voltage: Indoor - Outdoor, S2-S3 V DC 24 Short-circuit Current Rating (SCCR) kA 5 Recommended Fuse/Breaker Size (Outdoor) A 20 Recommended Wire Size (Indoor - Outdoor) AWG 14 MCCP A 1 Blower Motor Full Load Amperage A 0.62 Blower Motor Output W 30 Airflow Rate at Cooling, Dry CFM 431-392-311-254-198 Airflow Rate at Cooling, Wet CFM 366-333-264-216-168 Airflow Rate at Heating, Dry CFM 470-399-328-268-212 Sound Pressure Level (Cooling) dB(A) 47-43-38-33-28 Sound Pressure Level (Heating) dB(A) 49-45-40-35-29 Prain Pipe Size In. (mm) 5/8 (15.88) Heat Exchanger Type W: In. (mm) 29-17/32 (750)					
Short-circuit Current Rating (SCCR)	Floatrical				
Recommended Fuse/Breaker Size (Outdoor)	Liectrical				
Recommended Wire Size (Indoor - Outdoor)					
MCA					
MOCP		, , , , , , , , , , , , , , , , , , ,			
Blower Motor Full Load Amperage					
Blower Motor Output					
Airflow Rate at Cooling, Dry CFM 431-392-311-254-198 Airflow Rate at Cooling, Wet CFM 366-333-264-216-168 Airflow Rate at Heating, Dry CFM 470-399-328-268-212 Sound Pressure Level (Cooling) dB(A) 47-43-38-33-28 Sound Pressure Level (Heating) dB(A) 49-45-40-35-29 Drain Pipe Size In. (mm) 5/8 (15.88) Heat Exchanger Type Plate fin coil External Finish Color White Unit Dimensions W: In. (mm) 29-17/32 (750)					
Airflow Rate at Cooling, Wet CFM 366-333-264-216-168 Airflow Rate at Heating, Dry CFM 470-399-328-268-212 Sound Pressure Level (Cooling) dB(A) 47-43-38-33-28 Sound Pressure Level (Heating) dB(A) 49-45-40-35-29 Drain Pipe Size In. (mm) 5/8 (15.88) Heat Exchanger Type Plate fin coil External Finish Color White Unit Dimensions W: In. (mm) 29-17/32 (750)		Blower Motor Output	W	30	
Airflow Rate at Heating, Dry CFM 470-399-328-268-212	Indoor Unit				
Nound Pressure Level (Cooling) dB(A) 47-43-38-33-28		Airflow Rate at Cooling, Wet		366-333-264-216-168	
Sound Pressure Level (Cooling) dB(A) 47-43-38-33-28 Sound Pressure Level (Heating) dB(A) 49-45-40-35-29 Drain Pipe Size In. (mm) 5/8 (15.88) Heat Exchanger Type Plate fin coil External Finish Color White Unit Dimensions W: In. (mm) 29-17/32 (750)		Airflow Rate at Heating, Dry	CFM	470-399-328-268-212	
Drain Pipe Size In. (mm) 5/8 (15.88) Heat Exchanger Type Plate fin coil External Finish Color White Unit Dimensions W: In. (mm) 29-17/32 (750)		Sound Pressure Level (Cooling)	dB(A)	47-43-38-33-28	
Heat Exchanger Type Plate fin coil External Finish Color White W: In. (mm) 29-17/32 (750) Unit Dimensions		Sound Pressure Level (Heating)	dB(A)	49-45-40-35-29	
External Finish Color White W: In. (mm) 29-17/32 (750) Unit Dimensions		Drain Pipe Size	In. (mm)	5/8 (15.88)	
W: In. (mm) 29-17/32 (750) Unit Dimensions		Heat Exchanger Type		Plate fin coil	
Unit Dimensions		External Finish Color	White		
Unit Dimensions D: In. (mm) 8-15/32 (215)			W: In. (mm)	29-17/32 (750)	
		Unit Dimensions	D: In. (mm)	8-15/32 (215)	

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		H: In. (mm)	23-5/8 (600)
		W: In. (mm)	32-2/16 (816)
	Package Dimensions	D: In. (mm)	10-13/16 (275)
	Fackage Differsions	H: In. (mm)	
	Linit Walahi	` ,	27-12/16 (693)
	Unit Weight	Lbs. (kg)	33 (15)
	Package Weight	Lbs. (kg)	41 (18.5)
Indoor Unit Operating Temperature Range	Cooling Intake Air Temp (Maximum / Minimum)*	°F	90 DB / 73 WB // 67 DB / 57 WB
remperature runge	Heating Intake Air Temp (Maximum / Minimum)	°F	80 DB // 70 DB
	MCA	A	16
	MOCP	A	20
	Fan Motor Full Load Amperage	A	0.93
	Fan Motor Output	W	77
	Airflow Rate	CFM	1,653 / 1,730
	Refrigerant Control		LEV
	Defrost Method		Reverse cycle
	Heat Exchanger Type		Plate fin coil
	Sound Pressure Level, Cooling ¹	dB(A)	55
	Sound Pressure Level, Heating ²	dB(A)	51
	Compressor Type		DC INVERTER-driven Twin Rotary
	Compressor Model		SNB173FQKMT
Outdoor Unit	Compressor Rated Load Amps	A	12.0
	Compressor Locked Rotor Amps	А	15.0
	Compressor Oil Type // Charge	OZ.	FV50S // 13.5
	External Finish Color		Munsell 3Y 7.8/1/1
	Base Pan Heater		Built-in
		W: In. (mm)	33-1/16 (840)
	Unit Dimensions	D: In. (mm)	13 (330)
		H: In. (mm)	34-5/8 (880)
	Package Dimensions	W: In. (mm)	38-9/16 (980)
		D: In. (mm)	16-9/16 (420)
		H: In. (mm)	39 (990)
	Unit Weight	Lbs. (kg)	124 (56)
	Package Weight	Lbs. (kg)	144 (65)
	Cooling Air Temp (Maximum / Minimum)*	°F	14 to 115
Outdone Heit On continu	Cooling Thermal Lock-out / Re-start Temperatures**	°F	11 / 14
Outdoor Unit Operating Temperature Range	Heating Air Temp (Maximum / Minimum)	°F	-13 to 75
-	Heating Thermal Lock-out / Re-start Temperatures**	°F	-18 / -14
	Type		R410A
Refrigerant	Charge	Lbs, oz	3, 5
	Gas Pipe Size O.D. (Flared)	In. (mm)	1/2 (12.7)
	Liquid Pipe Size O.D. (Flared)	In. (mm)	1/2 (12.7)
Dining			
Piping	Maximum Piping Length	Ft. (m)	100 (30)
	Maximum Height Difference	Ft. (m)	50 (15)
	Maximum Number of Bends		10

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Notes

AHRI Rated Conditions (Rated data is determined at a fixed compressor speed) Conditions	¹ Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB
	² Heating at 47°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 47 DB, 43 WB
	³ Heating at 17°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 17 DB, 15 WB
	⁴ Heating at 5°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 5 DB, 4 WB
	⁵ Heating at -4°F (Indoor // Outdoor)	°F	70 DB, 60 WB // -4 DB, -5 WB
	⁶ Heating at -13°F (Indoor // Outdoor)	°F	70 DB, 60 WB // -13 DB, -14 WB

^{*}Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

^{**}System cuts out in heating mode to avoid thermistor error and automatically restarts at these temperatures.

ACCESSORIES: MFZ-KJ15NA

Floor Mount Air Guide	□ MAC-760FD-E
Anti-allergy Enzyme Filter	□ MAC-408FT-E
kumo touch™ RedLINK™ Wireless Controller	□ MHK2
Deluxe MA Remote Controller ¹	□ PAR-40MAAU
Simple MA Controller ¹	□ PAC-YT53CRAU-J
Touch MA Controller ¹	□ PAR-CT01MAU-SB
Wired Remote Sensor	□ M21EAA307
Wireless Temperature and Humidity Sensor	□ PAC-USWHS003-TH-1
System Control Interface ²	□ MAC-334IF-E
Wireless Interface 2	□ PAC-USWHS002-WF-2
Thermostat Interface	□ PAC-US444CN-1
kumo station®	□ PAC-WHS01HC-E
USNAP Interface	□ PAC-WHS01UP-E
IT Extender	□ PAC-WHS01IE-E
BACnet® and MODBUS® Interface	□ PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	□ CN24RELAY-KIT-CM3
Lockdown Bracket for Hand-held Remote Controllers	□ RCMKP1CB
Blue Diamond Sensor Extension Cable — 15 Ft.	□ C13-103
Blue Diamond Alarm Extension Cable — 6.5 Ft.	□ C13-192
Blue Diamond MultiTank — collection tank for use with multiple pumps	□ C21-014
Blue Diamond Rubber Foot Pads	□ F10-010
Mini Condensate Pump — 230 volt application	□ SI30-230
MegaBlue Advanced Blue Diamond Condensate Pump w/ Reservoir & Sensor	□ X87-835 - 110 to 250V
MaxiBlue Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H[recommended]	□ X87-711 - 110V
Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	□ X87-721 - 208/230V
MicroBlue Blue Diamond Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	□ X85-003
Fascia Kit for MicroBlue Pump – mounts the MicroBlue and sensor directly beneath the indoor unit	□ T18-016
Drain Pan Level Sensor	□ SS610E
(30A/600V/UL) [fits 2" X 4" utility box] - Black	□ TAZ-MS303
(30A/600V/UL) [fits 2" X 4" utility box] - White	□ TAZ-MS303W
Guides air flow for floor mount model when a concealer is used to hide the floor mount.	□ MAC-760FD-E

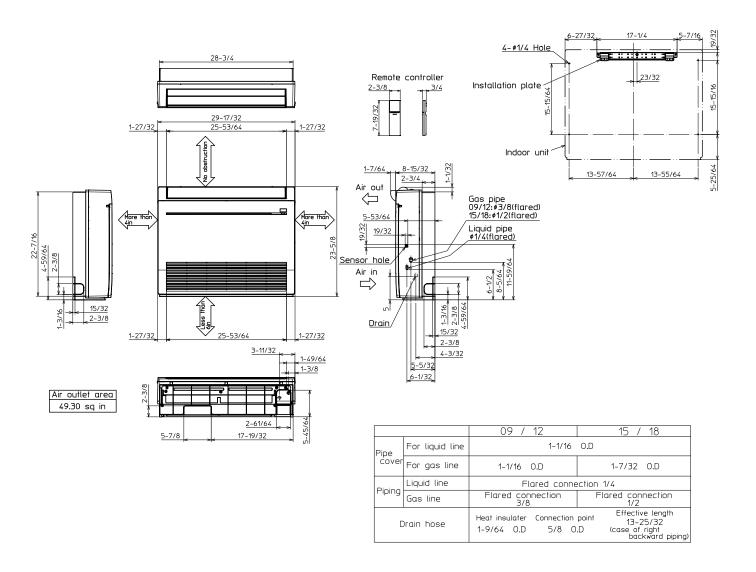
¹ Requires MAC-334IF-E

² Allows indoor units to connect to an MA Controller

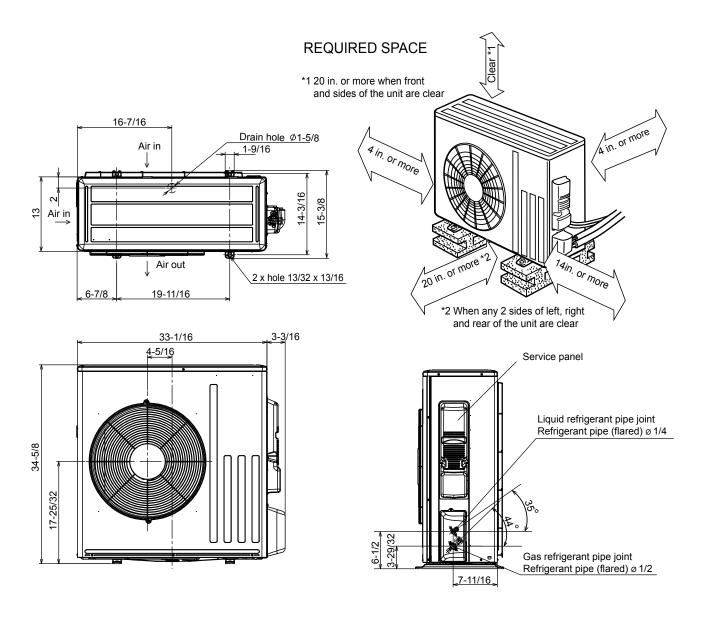
ACCESSORIES: MUFZ-KJ15NAHZ

Air Outlet Guide	□ MAC-886SG-E
Hail Guard	□ HG-A7
Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	□ DSD-400P
Condensing Unit Mounting Pad 16" x 36" x 3"	□ ULTRILITE1
Outdoor Unit Stand — 12" High	□ QSMS1201M
Outdoor Unit Stand — 18" High	□ QSMS1801M
Outdoor Unit Stand — 24" High	□ QSMS2401M
Heavy Duty Wall Mounting Bracket—Coated Steel	□ QSWB2000M-1
Heavy Duty Wall Mounting Bracket — 316 Series Stainless Steel	□ QSWBSS
15' x 1/4" x 15' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS141212T-15
30' x 1/4" x 30' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS141212T-30
50' x 1/4" x 50' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS141212T-50
65' x 1/4" x 65' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS141212T-65
100' x 1/4" x 100' / 1/2" Lineset (Twin-Tube Insulation)	□ MLS141212T-100

Unit: inch



Unit: inch



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