

**Wall Mounted  
MS/MSY Models  
(Cooling Only)**



		MS-A09WA	MS-A12WA	MSY-A15NA
Capacity Control		Fixed Compressor		Variable Compressor Speed (VCSi)
Refrigerant		R-410A		
Capacity Cooling <sup>1</sup>	Min. Btu/h	9,500	12,000	3,100
	Max. Btu/h	9,500	12,000	15,000
Power Consumption (Min / Max) W	Cooling <sup>1</sup>	870	1070	210 / 1,690
SEER	Cooling	13	13	16
<b>Indoor Unit</b>				
Indoor Unit Model		MS-A09WA	MS-A12WA	MSY-A15NA
External Finish		White		
Power Supply	V, phase, HZ	115,1,60		208-230,1,60
Max. Fuse size	A	15	15	15
Min. Ampacity	A	1.2	1.2	1
Fan Motor	F.L.A.	0.95	0.95	0.76
Airflow Lo/Med/Hi/Powerful	Dry CFM	183/261/335/367	222/286/406/446	168/328/381/419
Moisture Removal	Pints/h.	2.7	3.2	4.7
Sound Lo/Med/Hi	dB(A)	26/32/40	33/38/45	34/40/45
Cond. Drain Connection	O.D. Inches	5/8	5/8	5/8
Dimension	Width In.	30-11/16	30-11/16	30-11/16
	Depth In.	8-1/4	8-1/4	8-1/4
	Height In.	11-3/4	11-3/4	11-3/4
Weight	Lbs.	23	23	23
Remote Controller		Wireless	Wireless	Wireless
Control Voltage	V	115V AC	115V AC	DC 12-24
<b>Outdoor Unit</b>				
Outdoor Unit Model		MU-A09WA	MU-A12WA	MUY-A15NA
External Finish	Colour Code	Munsell 3Y 7.8/1.1		
Power Supply	V, phase, Hz	115,1,60		208-230,1,60
Max. Fuse size	A	15	20	15
Min. Ampacity	A	14	16	14
Fan Motor	F.L.A.	0.63	0.926	0.52
Compressor	Model	RN092WHDHT	RN110WHDHT	SNB130FPDH

Test conditions are based on ARI 210/240

<sup>1</sup> Rating conditions (cooling): Indoor: 80°FDB, 67°FWB, Outdoor: 95°FDB, (75°FWB)

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		MS-A09WA	MS-A12WA	MSY-A15NA
	Type	Constant	Constant	Inverter
	R.L.A.	9.3	10.82	10.1
	L.R.A.	47	56	12
Refrigerant Control		Capillary Tube		Linear Expansion Valve
Sound	dB(A)	47	52	50
Dimension	Width In.	31-1/2	33-7/16	31-1/2
	Depth In.	11-1/4	11-1/4	11-1/4
	Height In.	21-5/8	23-13/16	21-5/8
Weight	Lbs.	78	96	88
<b>Refrigerant Piping</b>		Not Supplied	Not Supplied	Not Supplied
Pipe Size	Liquid In.	1/4	1/4	1/4
	Gas In.	3/8	1/2	1/2
Connection method	Indoor	Flared	Flared	Flared
	Outdoor	Flared	Flared	Flared
Max. Height Diff	Ft.	35	35	40
Max. Pipe Length	Ft.	65	65	65
<b>Wiring</b>				
Outdoor Power Supply Method		Disconnect to Outdoor Unit		
Supply (Outdoor)	AWG	14	12	14
	# of wires in cable	2 + ground	2 + ground	2 + ground
Indoor Power Supply Method		Outdoor to Indoor Units		
Power Supply & Control: Outdoor to Indoor	AWG	14	14	14
	# of wires in cable	3 + ground	3 + ground	3 + ground
Disconnect required at indoor unit		Follow Local Electrical Code		

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		MSY-A17NA	MSY-A24NA	MSY-D30NA	MSY-D36NA
Capacity Control		Variable Compressor Speed (VCSi)			
Refrigerant		R-410A			
Capacity Cooling <sup>1</sup>	Min. Btu/h	3,100	4,400	9,800	9,800
	Max. Btu/h	16,200	22,000	30,700	34,600
Power Consumption (Min / Max) W	Cooling <sup>1</sup>	210 / 2,070	290 / 2,880	620 / 3,380	620 / 4,240
SEER	Cooling	16	16	16	15.1
<b>Indoor Unit</b>					
Indoor Unit Model		MSY-A17NA	MSY-A24NA	MSY-D30NA	MSY-D36NA
External Finish		White			
Power Supply	V, phase, HZ	208-230,1,60			
Max. Fuse size	A	15	15	15	15
Min. Ampacity	A	1	1	1	1
Fan Motor	F.L.A.	0.76	0.76	0.76	0.76
Airflow Lo/Med/Hi/Powerful	Dry CFM	28/328/381/419	296/431/568/624	389/638/848/887	389/638/848/887
Moisture Removal	Pints/h.	5.1	7.3	9.9	11.9
Sound Lo/Med/Hi	dB(A)	34/40/46	34/40/49	32/42/49	32/42/49
Cond. Drain Connection	O.D. Inches	5/8	5/8	5/8	5/8
Dimension	Width In.	30-11/16	43-5/16	46-1/16	46-1/16
	Depth In.	8-1/4	10-1/4	11-5/8	11-5/8
	Height In.	11-1/4	12-13/16	14-3/8	14-3/8
Weight	Lbs.	23	37	40	40
Remote Controller		Wireless	Wireless	Wireless	Wireless
Control Voltage	V	DC 12-24	DC 12-24	DC 12-24	DC 12-24
<b>Outdoor Unit</b>					
Outdoor Unit Model		MUY-A17NA	MUY-A24NA	MUY-D30NA	MUY-D36NA
External Finish	Colour Code	Munsell 3Y 7.8/1.1			
Power Supply	V, phase, Hz	208-230,1,60			
Max. Fuse size	A	15	20	25	25
Min. Ampacity	A	14	17	21	21
Fan Motor	F.L.A.	0.52	0.93	0.93	0.93
Compressor	Model	SNB130FPDH		TNB220FMCHT	

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		MSY-A17NA	MSY-A24NA	MSY-D30NA	MSY-D36NA
	Type	Inverter	Inverter	Inverter	Inverter
	R.L.A.	10.1	10.1	16	16
	L.R.A.	12	16	20	20
Refrigerant Control		Linear Expansion Valve			
Sound	dB(A)	52	55	55	56
Dimension	Width In.	31-1/2	33-1/16	33-1/16	33-1/16
	Depth In.	11-1/4	13	13	13
	Height In.	21-5/8	33-7/16	33-7/16	33-7/16
Weight	Lbs.	88	128	126	126
<b>Refrigerant Piping</b>		Not Supplied	Not Supplied	Not Supplied	Not Supplied
Pipe Size	Liquid In.	1/4	1/4	3/8	3/8
	Gas In.	1/2	5/8	5/8	5/8
Connection method	Indoor	Flared	Flared	Flared	Flared
	Outdoor	Flared	Flared	Flared	Flared
Max. Height Diff	Ft.	40	50	50	50
Max. Pipe Length	Ft.	65	100	100	100
<b>Wiring</b>					
Outdoor Power Supply Method		Disconnect to Outdoor Unit			
Supply (Outdoor)	AWG	14	12	10	10
	# of wires in cable	2 + ground	2 + ground	2 + ground	2 + ground
Indoor Power Supply Method		Outdoor to Indoor Units			
Power Supply & Control: Outdoor to Indoor	AWG	14	14	14	14
	# of wires in cable	3 + ground	3 + ground	3 + ground	3 + ground
Disconnect required at indoor unit		Follow Local Electrical Code			

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