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SPECIFICATION

Item		Model	MSH09TW	MSH09TW - [U1]
Capacity	Cooling *1	Btu/h	8,800	
	Heating 47 *1	Btu/h	10,500	
	Heating 17 *2	Btu/h	5,300	
Power consumption	Cooling *1	W	890	
	Heating 47 *1	W	890	
	Heating 17 *2		820	
EER *1 [SEER] *3	Cooling		9.9 [10.0]	
HSPF IV(V)	Heating		6.8 (5.9)	
COP	Heating *1		3.46	
INDOOR UNIT MODEL			MSH09TW	MSH09TW - [U1]
External finish			White	
Power supply V, phase, Hz			115, 1, 60	
Max. fuse size (time delay)/ Disconnect switch A			15	
Min. circuit ampacity A			0.5	
Fan motor F.L.A			0.37	
Auxiliary heater A(kW)			-	
Airflow Low—Med.—High	HEAT Dry	CFM	198-244-297	
	COOL Dry(Wet)	CFM	173(145)-226(187)-279(233)	
Moisture removal pt./h			2.3	
Sound level Low-Med.-High dB(A)			26-31-36	
Cond. drain connection O.D. in.			5/8	
Dimensions	W	in.	33-1/2	
	D	in.	7-1/2	
	H	in.	10-15/16	
Weight lb.			20	
OUTDOOR UNIT MODEL			MUH09TW	MUH09TW - [U1]
External finish			Munsell 5Y 7/1	
Power supply V, phase, Hz			115, 1, 60	
Max. fuse size (time delay) A			20	
Min. circuit ampacity A			16	
Fan motor F.L.A			0.60	
Compressor	Model		RH140WGJT	
	Winding resistance (at 68°F) Ω		C-R 0.83 C-S 1.48	
	R.L.A		12.0	
	L.R.A		42.0	
Refrigerant control			Capillary tube	
Sound level dB(A)			47	
Defrost method			Reverse cycle	
Dimensions	W	in.	30-23/32	
	D	in.	10-1/32	
	H	in.	21-1/4	
Weight lb.			82	
REMOTE CONTROLLER			Wireless type	
Control voltage (by built-in transformer)			12V DC	
REFRIGERANT PIPING			Not supplied (optional parts)	
Pipe size (Min. wall thickness)	Liquid	in.	1/4 (0.0265)	
	Gas	in.	3/8 (0.0285)	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Between the indoor & outdoor units	Height difference	ft.	Max. 25	
	Piping length	ft.	Max. 49	
Refrigerant charge (R22)			2 lb. 3 oz.	
Refrigerating oil (Model)			9.3 (MS56)	

NOTE : Test conditions are based on ARI 210/240.

*1 : Rating conditions (cooling) — Indoor : 80°FDB, 67°FWB, Outdoor : 95°FDB, (75°FWB)
 (heating) — Indoor : 70°FDB, 60°FWB, Outdoor : 47°FDB, 43°FWB
 *2 : (heating) — Indoor : 70°FDB, 60°FWB, Outdoor : 17°FDB, 15°FWB
 *3 : (cooling) — Indoor : 80°FDB, 67°FWB, Outdoor : 82°FDB, 65°FWB

Operating Range

		Indoor intake air temperature	Outdoor intake air temperature
Cooling	Maximum	95°FDB, 71°FWB	115°FDB
	Minimum	67°FDB, 57°FWB	67°FDB
Heating	Maximum	80°FDB, 67°FWB	75°FDB, 65°FWB
	Minimum	70°FDB, 60°FWB	17°FDB, 15°FWB