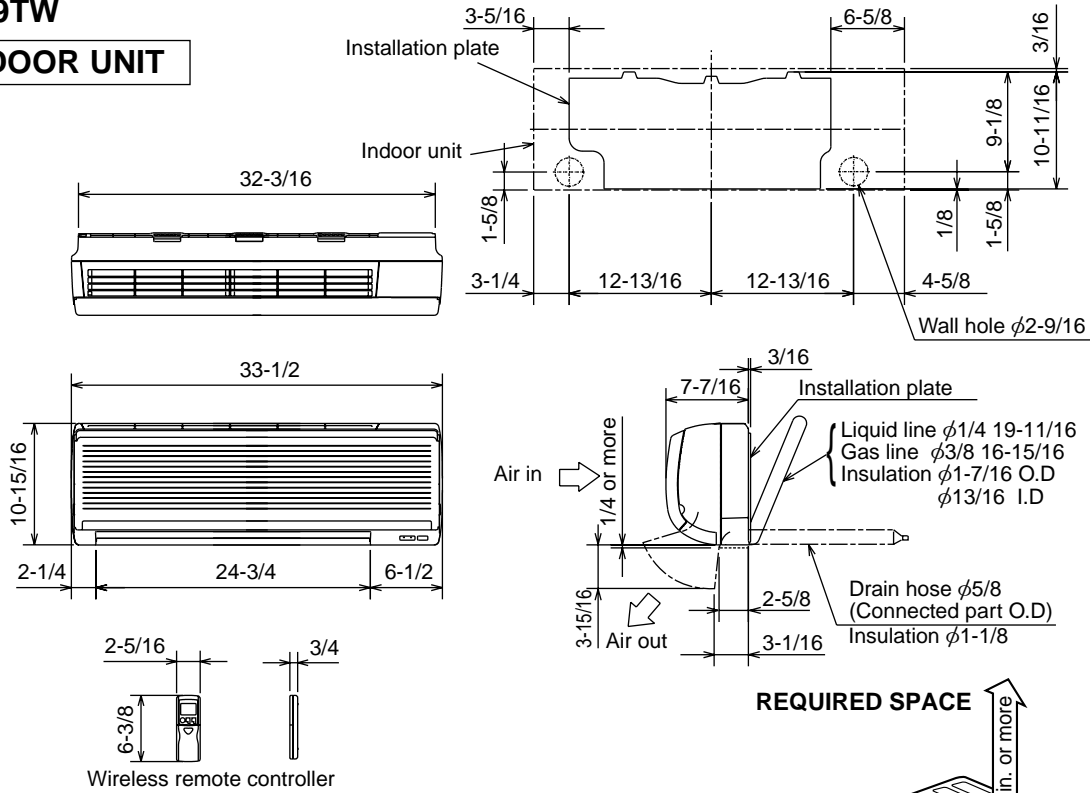


OUTLINES AND DIMENSIONS

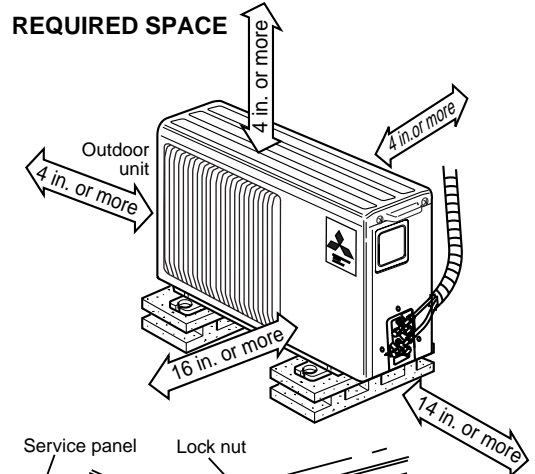
MS09TW

Unit : inch

INDOOR UNIT

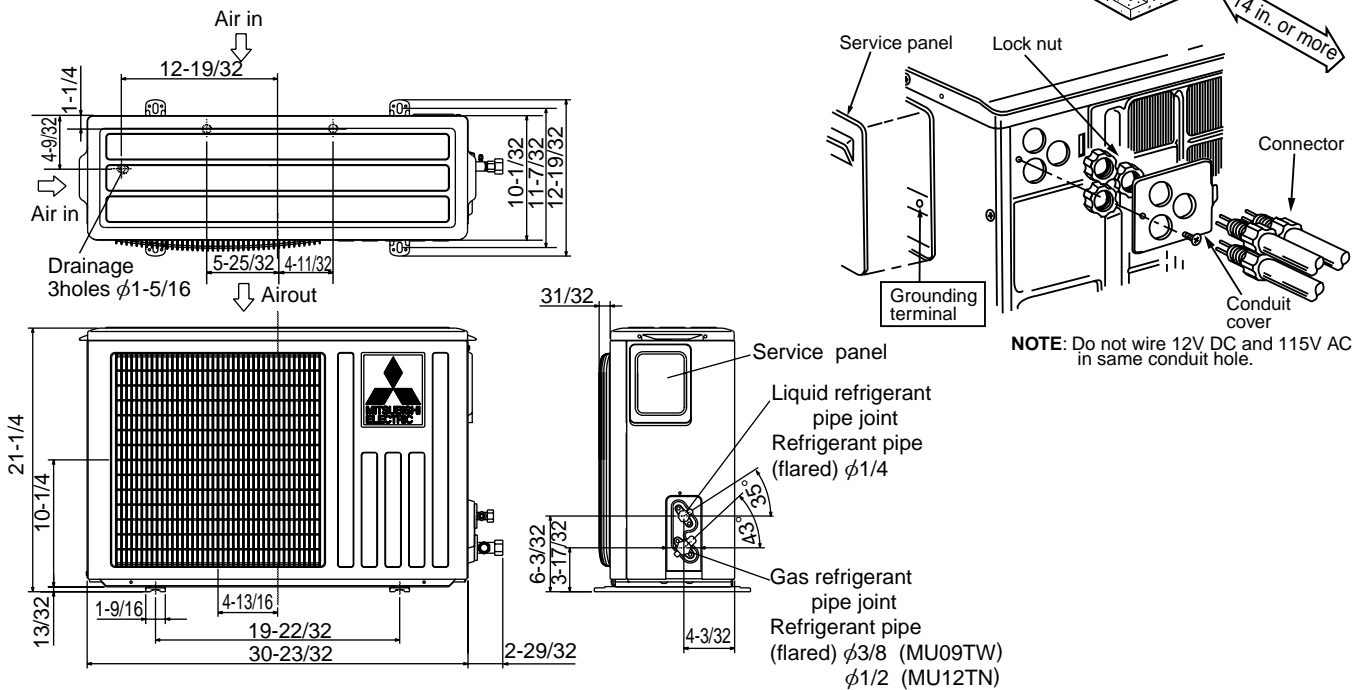


REQUIRED SPACE



MU09TW MU12TN

OUTDOOR UNIT



4

SPECIFICATIONS

Item		Model	MS09TW	MS12TN
Cooling capacity	#1	Btu/h	8,500	12,300/12,600
Power consumption	#1	W	840	1,100/1,130
EER #1 [SEER] #2			10.1 [10.2]	11.2/11.2 [11.3/11.3]
INDOOR UNIT MODEL			MS09TW	MS12TN
External finish			White	
Power supply		V, phase, Hz	115, 1, 60	
Max. fuse size (time delay)/ Disconnect switch		A	15	
Min. ampacity		A	0.5	0.6
Fan motor		F.L.A	0.37	0.43
Airflow Low—Med.—High	FAN Dry	CFM	191-237-289	
	COOL Dry(Wet)	CFM	166(138)-219(184)-272(226)	
Moisture removal		pt./h	2.3	3.2
Sound level Low-Med.-High		dB(A)	26-31-36	36-39-42
Cond. drain connection O.D.		in.	5/8	
Dimensions	W	in.	33-1/2	39-15/16
	D	in.	7-1/2	7-1/2
	H	in.	10-15/16	12-5/8
Weight		lb.	20	31
OUTDOOR UNIT MODEL			MU09TW	MU12TN
External finish			Munsell 5Y7/1	
Power supply		V, phase, Hz	115, 1, 60	208/230, 1, 60
Max. fuse size (time delay)		A	15	
Min. ampacity		A	11	12
Fan motor		F.L.A	0.60	0.42
Compressor	Model		RH130WGJT	RH167NHDT
	Winding resistance (at 68°F)Ω		C-R 0.85 C-S 1.21	C-R 2.16 C-S 3.11
	R.L.A		7.8	9.0
	L.R.A		41.0	29.0
Refrigerant control			Capillary tube	
Sound level		dB(A)	46	49
Dimensions	W	in.	30-23/32	30-3/4
	D	in.	10-1/32	10-1/16
	H	in.	21-1/4	21-1/4
Weight		lb.	71	84
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)	1/2 (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)			1 lb. 11 oz.	2 lb. 9 oz.
Refrigerant oil (Model)		oz.	9.3 (MS56)	16.1 (MS56)

Notes : Test conditions are based on ARI 210/240

h1 : Rating conditions (cooling) — Indoor : 80°FDB, 67°FWB, Outdoor : 95°FDB, (75°FWB)

h2 : Rating conditions (cooling) — Indoor : 80°FDB, 67°FWB, Outdoor : 82°FDB, 65°FWB

Operating Range

Cooling	Indoor intake air temperature		Outdoor intake air temperature
	Maximum	95°FDB, 71°FWB	115°FDB
Minimum	67°FDB, 57°FWB	67°FDB	