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SUBMITTAL

M5MHW1936A1N0AA / M5THS1936A11NAA — 19 Series Split System (R-454B) Single-Zone, Inverter System, 36,000 BTU/Hr

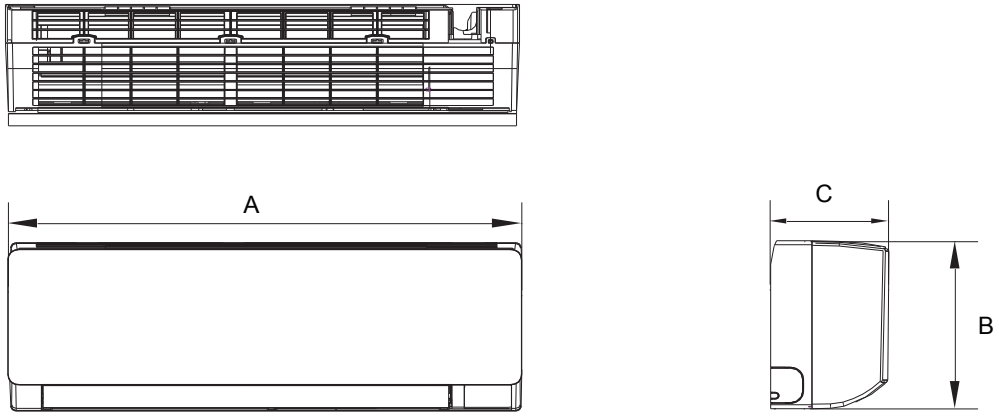
Specifications - General Data IP

Cooling @95F	Rated Capacity	36000	BTUH
	Capacity Range	7500~36100	BTUH
	Rated Power Input	3850	W
	Dehumidying Volume	3	Pints/h
Heating @47F	Rated Capacity	36000	BTUH
	Capacity Range	7500~36100	BTUH
	Rated Power Input	3350	W
Heating @17F	Rated Capacity	21800	BTUH
	Capacity Range	6900~22700	BTUH
	Rated Power Input	2510	W
Heating @5F	Rated Capacity	20400	BTUH
	Capacity Range	7800~21100	BTUH
	Rated Power Input	2890	W
Heating @ -13F	Rated Capacity	N/A	BTUH
	Capacity Range	N/A	BTUH
	Rated Power Input	N/A	W
Efficiency	SEER2	19	
	EER2	9	
	HSPF2 [Region I, II, III, or IV etc.]	9(Region IV) 7.7(Region V)	
	COP @ 47F	3.15	
	Energy Star Certified	No	
Electrical	Voltage	208/230	V
	Phase	1	PH
	Frequency	60	Hz
	Maximum Fuse Size	30	A
Indoor Unit	Model Number	M5MHW1936A1N0AA	
	MCA	0.6	A
	Fan Motor FLA	0.3	A
	Fan Motor Type	DC	Motor Type
	Motor Speed	1300	RPM
	Motor Horsepower	0.094	HP
	Airflow	847	CFM
	Refrigerant Control	EEV	
	Sound Pressure Level	52	dB(A)
	Unit Dimensions	46.93x14.17x10.23	Inch
	Package Dimensions	49.80x17.13x13.27	Inch
	Unit Weight	39.7	lbs
	Shipping Weight	48.5	lbs
	Evaporator Coil Type	copper	
	Heat Exchanger Coating	Hydrophilic grilled hole Fin	

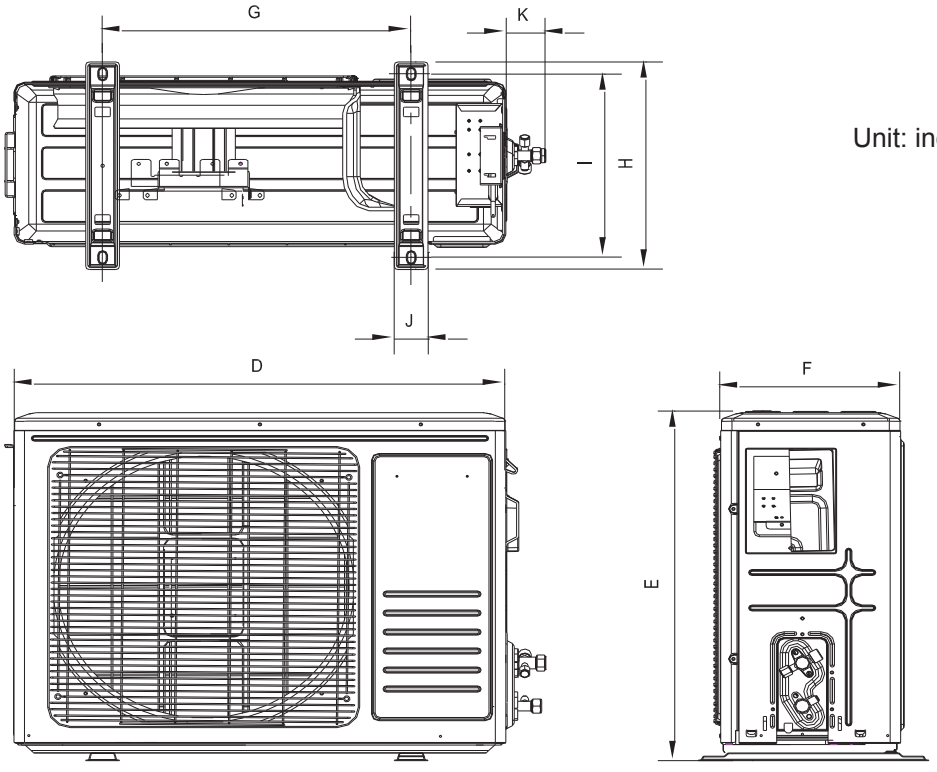
Outdoor Unit	Model Number	M5THS1936A11NAA	
	MCA	18	A
	MOP	30	A
	Fan Motor Output	85	W
	Motor Speed	850	RPM
	Airflow	847	CFM
	Refrigerant Control	EEV	
	Defrost Method	Automatic Defrosting	
	Sound Pressure Level	63	dB(A)
	Compressor Type	Inverter Rotery	
	Compressor Oil	VG74 620ml	
	Condenser Coil Type	copper	
	Unit Dimensions	35.83x16.54x31.50	Inch
	Package Dimensions	40.47x18.70x33.86	Inch
	Unit Weight	105.8	lbs
	Shipping Weight	114.6	lbs
Operating Temparture Range	Operating Temperature Range - Cooling	5~122/-15~50	F / C
	Operating Temperature Range - Heating	-4~86/-20~30	F / C
Refrigerant	Type	R454B	
	Charge	3.48/55.73	lbs, oz
	Gas Line Size	5/8"	Inch
	Liquid Line Size	1/4"	Inch

Unit Dimensions

Indoor Unit:



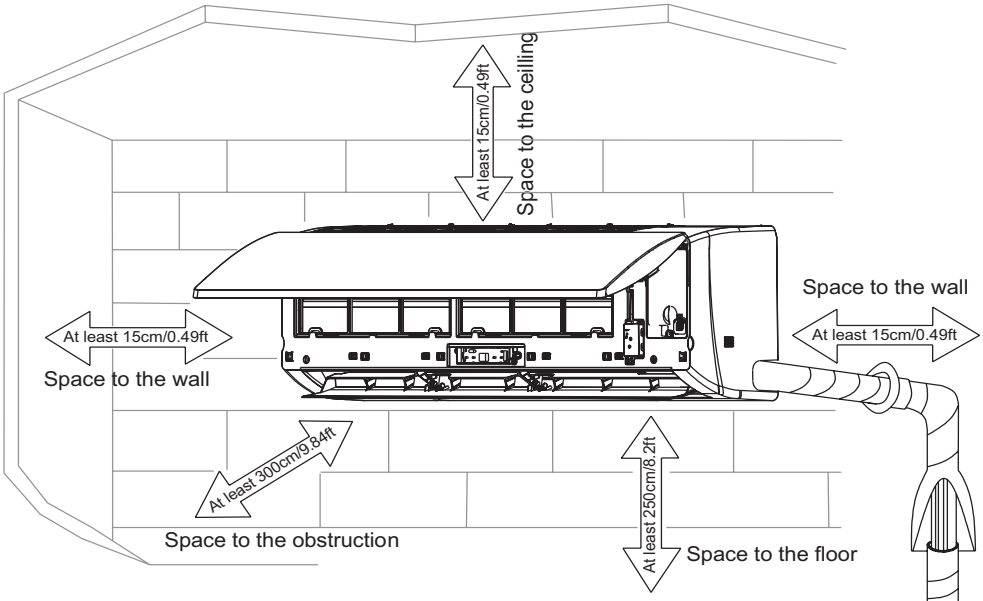
Outdoor Unit:



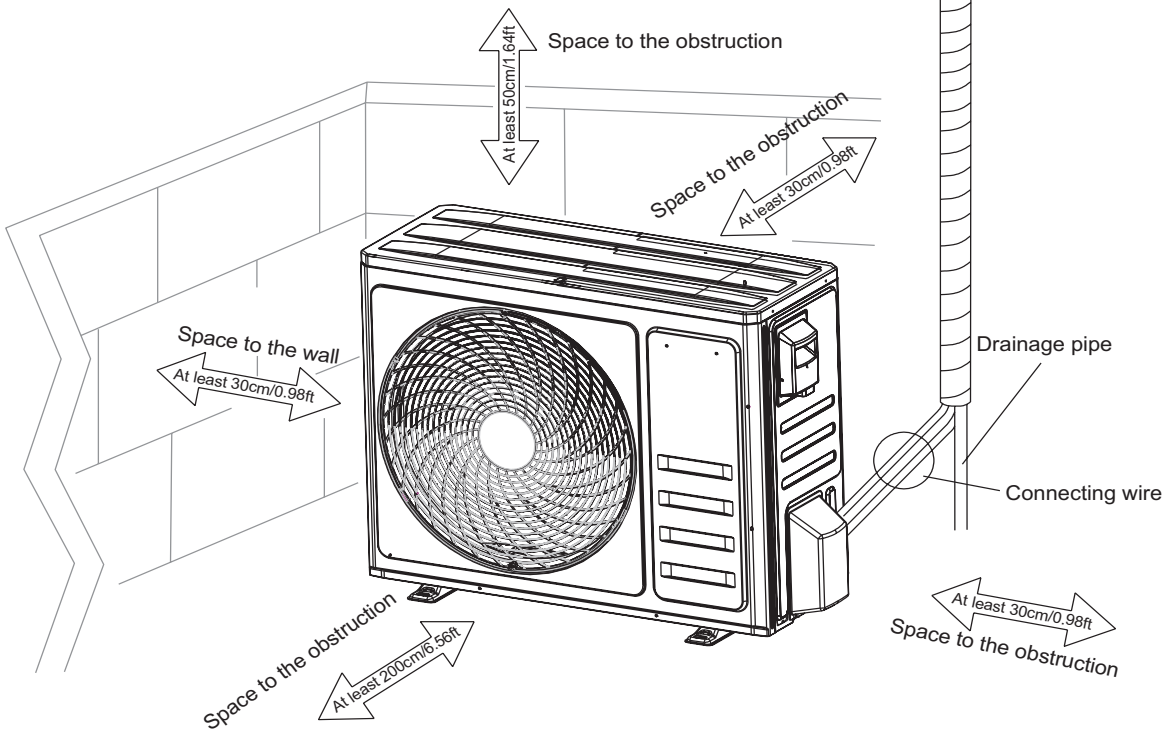
Unit: inch/mm

Model	Indoor unit (inch/mm)			Outdoor unit (inch/mm)							
	A	B	C	D	E	F	G	H	I	J	K
36000BTU	46.69/ 1186	13.39/ 340	10.55/ 268	35.59/ 904	31.61/ 803	13.90/ 353	23.90/ 607	16.57/ 421	15.35/ 390	2.48/ 63	2.44/ 62

Clearance Requirements



The dimensions of the space necessary for correct installation of the appliance including the minimum permissible distances to adjacent structures.



Note:
The maximum recommended height from the floor to the bottom of the indoor unit is 11.5 ft. (3.5 m).

Performance Data

M5MHW1936A1N0AA / M5THS1936A11NAA - Cooling Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
5	-15	6388	4465	6864	4752	7687	5406	8686	4762
14	-10	7085	4952	7613	5270	8526	5995	9634	5282
23	-5	7728	5402	8305	5749	9300	6540	10509	5762
34	1	7781	5439	8361	5787	9363	6584	10580	5801
54	12	6795	4750	7302	5054	8177	5750	9240	5066
68	20	6822	4768	7330	5074	8209	5773	9276	5086
77	25	6889	4815	7403	5124	8290	5830	9368	5136
86	30	7006	4897	7529	5211	8431	5929	9527	5223
95	35	7040	4921	7566	5237	8472	5958	9574	5249
109	43	7059	4934	7585	5250	8494	5973	9598	5262
118	48	6518	4556	7005	4849	7844	5516	8864	4860
131	55	2801	1958	3010	2084	3371	2371	3809	2088
*Total Capacity (BtuH) **Sensible Heat Capacity (BtuH)									

M5MHW1936A1N0AA / M5THS1936A11NAA - Heating Mode Performance Data

Outdoor		70F DB (21C)	75F DB (24C)	80F DB (27C)
Coil air		59F WB (15C)	63F WB (17C)	67F WB (19C)
DB F	DB C	TC*	TC	TC
-13	-25	4583	4515	4400
-4	-20	5125	5048	4920
0	-18	5688	5602	5460
5	-15	6318	6223	6065
17	-8	6755	6654	6485
25	-4	7302	7193	7010
32	0	7406	7295	7110
35	2	7602	7488	7298
39	4	8823	8691	8470
47	8	10208	10055	9800
54	12	10115	9963	9710
57	14	9922	9773	9525
*Total Capacity (BtuH)				

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

About Trane and American Standard Heating and Air Conditioning
Trane and American Standard create comfortable, energy efficient indoor environments for residential applications. For more information, please visit www.trane.com or www.americanstandardair.com

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The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

M5THS1936A-SUB-1A-EN 20 Aug 2024
Supersedes (New)
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