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SUBMITTAL

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

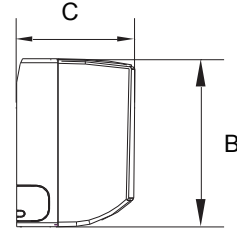
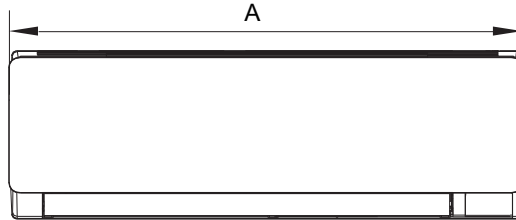
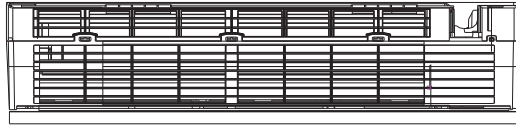
Specifications - General Data IP

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		

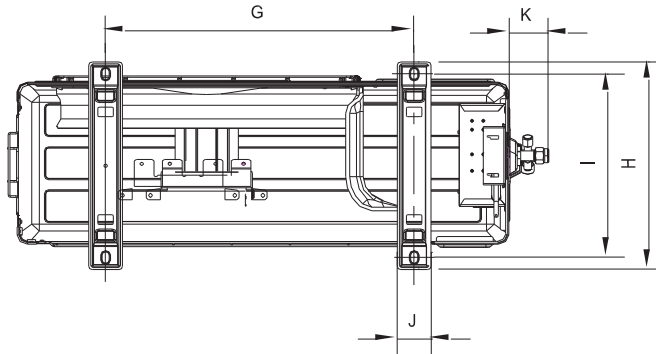
Outdoor Unit	Model Number	M5THS1936A11NAA	
	MCA	18	A
	MOP	30	A
	Fan Motor Output	85	W
	Motor Speed	850	RPM
	Airflow	847	CFM
	Refrigerant Control	EEV	
	Defrost Method	Automatic Defrosting	
	Sound Pressure Level	63	dB(A)
	Compressor Type	Inverter Rotary	
	Compressor Oil	VG74 620ml	
	Condenser Coil Type	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 Temperature 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

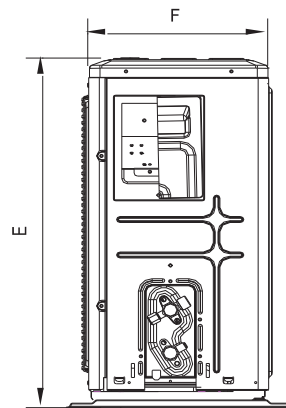
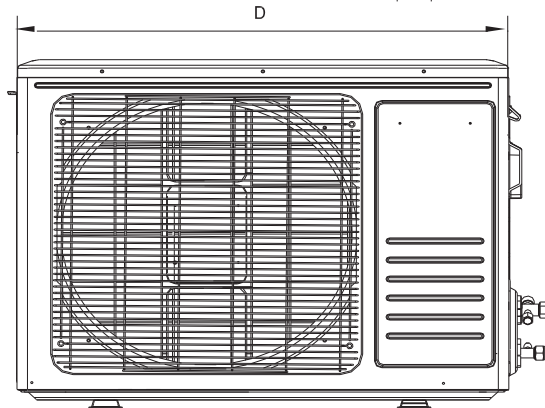
Indoor Unit:



Outdoor Unit:

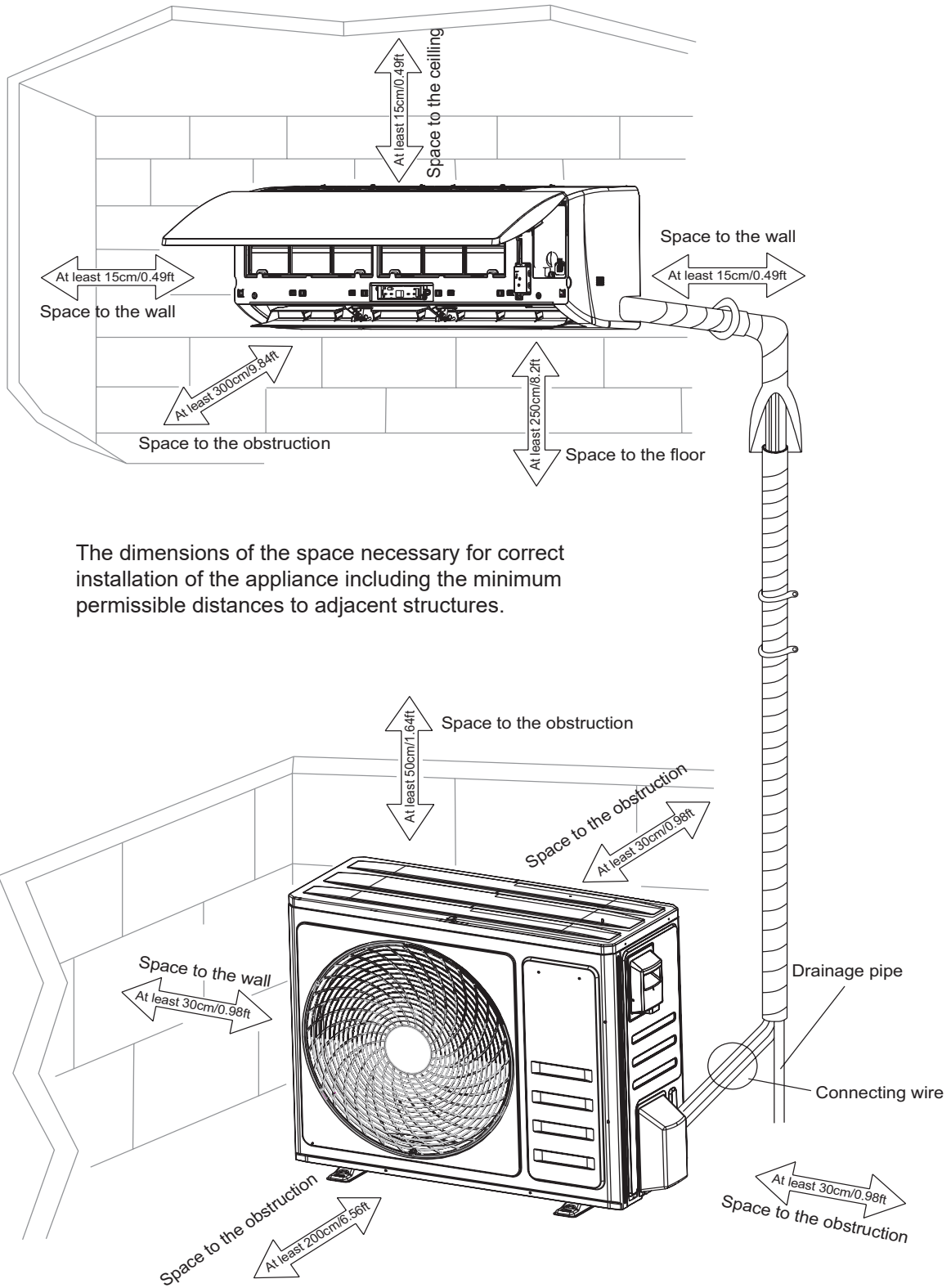


Unit: inch/mm



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	21796	15235	23422	16212	26228	18444	29638	16249
14	-10	24173	16896	25976	17981	29089	20456	32871	18022
23	-5	26369	18431	28336	19614	31732	22314	35857	19659
34	1	26548	18556	28528	19747	31947	22465	36100	19792
54	12	23185	16206	24915	17246	27900	19620	31527	17285
68	20	23275	16269	25012	17313	28008	19696	31650	17352
77	25	23505	16430	25259	17484	28285	19891	31962	17524
86	30	23905	16709	25689	17781	28767	20229	32506	17822
95	35	24022	16791	25814	17868	28907	20328	32665	17909
109	43	24084	16834	25881	17914	28982	20380	32749	17955
118	48	22241	15546	23900	16543	26764	18821	30243	16581
131	55	9558	6681	10271	7110	11502	8088	12997	7126

*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	TC	TC	TC
-13	-25	15638	15404	15404	15013	15013	15013
-4	-20	17487	17224	17224	16787	16787	16787
0	-18	19406	19115	19115	18630	18630	18630
5	-15	21556	21233	21233	20694	20694	20694
17	-8	23049	22703	22703	22127	22127	22127
25	-4	24915	24541	24541	23918	23918	23918
32	0	25270	24891	24891	24259	24259	24259
35	2	25938	25549	25549	24901	24901	24901
39	4	30104	29652	29652	28900	28900	28900
47	8	34831	34308	34308	33438	33438	33438
54	12	34511	33993	33993	33131	33131	33131
57	14	33853	33346	33346	32499	32499	32499

*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

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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.

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Supersedes (New)

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