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SUBMITTAL**M4MVW1709A /
M4TVS1709A****17 Series Split System (R-410A) Single-Zone,
Inverter System, 9,000 BTU/Hr****Specifications - General Data IP**

Cooling @ 95F	Rated Cooling Capacity	(Btu/h)	9000
	Cooling Capacity Range	(Btu/h)	8796 - 11970
Heating @ 47F	Rated Heating Capacity	(Btu/h)	10000
	Heating Capacity Range	(Btu/h)	11707 - 12194
Heating @ 17F	Rated Heating Capacity	(Btu/h)	5400
Heating @ 5F	Maximum Capacity	(Btu/h)	7025
Efficiency	SEER2		17
	HSPF2		8.5
	EER2		10
	COP2		1.75
	Energy Star		NO
Dehumidifying Volume		Pts/hr	2.3
Indoor Unit	Fan Motor Speed	(RPM)	1200/980/850
	Fan Motor RLA	(A)	0.4
	Evaporator Heat Exchanger Type		Aluminum Fin - Copper Tube
	Uncrated Dimension (W/D/H)	(Inch)	31.93 x 7.95 x 11.50
	Crated Dimension (W/D/H)	(Inch)	34.84 x 10.94 x 14.40
	Net Weight	(lbs)	19.8
	Gross Weight	(lbs)	24.2
Outdoor Unit	Compressor Type		Inverter Rotary
	RLA	(A)	6.9
	Compressor Input Power	(W) $\pm 3\%$	2540
	Outdoor Heat Exchanger Type		Aluminum Fin-Copper Tube
	Fan Motor Speed	(RPM)	1200
	Output of Fan Motor	(W)	33
	Air Flow Rate	(CFM)	353
	Oil Type		VG74 or equivalent
	Refrigerant Control		EEV
	Defrost Method		Automatic Defrosting
	Sound Pressure Level	d(BA)	50
	Net Weight	(lbs)	52.9
	Gross Weight	(lbs)	58.4
	Uncrated Dimension (W/D/H)	(Inch)	28.03 x 9.21 x 19.61
	Crated Dimension (W/D/H)	(Inch)	33.00 x 13.31 x 21.65
Electrical	Rated voltage	(volts/PH)	208/230/1
	Frequency	(Hz)	60
	Fan Motor FLA	(A)	0.6
	MCA	(A)	15
	MOP	(A)	15
	Control Board Fuse Size	(A)	4
Outdoor Operating temperature range	Operating Temperature Range Cooling	(°F)	5 - 122
	Operating Temperature Range Heating	(°F)	-4 - 86
Refrigerant	Refrigerant Charge	(oz)	26.46
	Chargeless Pipe Length	(ft.)	24.6
	Additional Refrigerant Charge Per Additional Pipe length	(oz/ft.)	0.22

NOTES:

- The refrigerant charge mentioned in the technical data does not include additional charge required for the indoor unit and refrigerant pipe.
- The amount of the additional refrigerant charge depends on the length of the liquid refrigerant pipe installed.
- Record the additional refrigerant charge for future maintenance.

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SUBMITTAL**M4MVW1709A /
M4TVS1709A****17 Series Split System (R-410A) Single-Zone,
Inverter System, 9,000 BTU/Hr****Specifications - General Data SI**

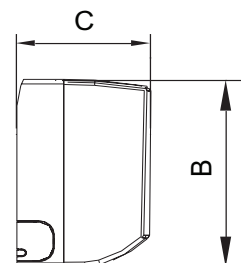
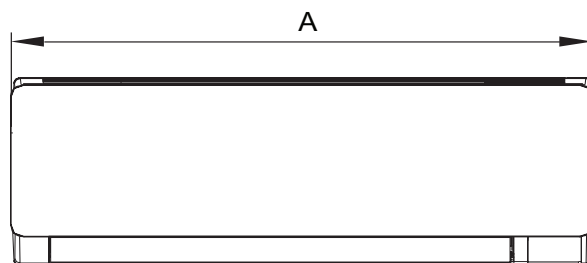
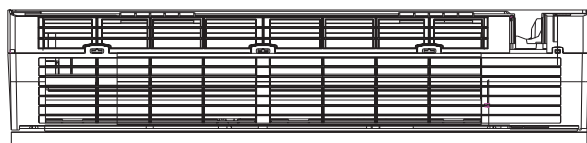
Cooling @ 95F	Rated Cooling Capacity	(Btu/h)	9000
	Cooling Capacity Range	(Btu/h)	8796 - 11970
Heating @ 47F	Rated Heating Capacity	(Btu/h)	10000
	Heating Capacity Range	(Btu/h)	11707 - 12194
Heating @ 17F	Rated Heating Capacity	(Btu/h)	5400
Heating @ 5F	Maximum Capacity	(Btu/h)	7025
Efficiency	SEER2		17
	HSPF2		8.5
	EER2		10
	COP2		1.75
	Energy Star		NO
Dehumidifying Volume		(L/hr)	1.1
Indoor Unit	Fan Motor Speed	(RPM)	1200/980/850
	Fan Motor RLA	(A)	0.4
	Evaporator Heat Exchanger Type		Aluminum Fin - Copper Tube
	Uncrated Dimension (W/D/H)	(mm)	811 x 202 x 292
	Crated Dimension (W/D/H)	(mm)	885 x 278 x 366
	Net Weight	(kg)	9.0
	Gross Weight	(kg)	11.0
Outdoor Unit	Compressor Type		Inverter Rotary
	RLA	(A)	6.9
	Compressor Input Power	(W) $\pm 3\%$	2540
	Outdoor Heat Exchanger Type		Aluminum Fin-Copper Tube
	Fan Motor Speed	(RPM)	1200
	Output of Fan Motor	(W)	33
	Air Flow Rate	(m3/h)	600
	Oil Type		VG74 or equivalent
	Refrigerant Control		EEV
	Defrost Method		Automatic Defrosting
	Sound Pressure Level	d(BA)	50
	Net Weight	(kg)	24
	Gross Weight	(kg)	26
	Uncrated Dimension (W/D/H)	(mm)	712 x 234 x 498
	Crated Dimension (W/D/H)	(mm)	838 x 338 x 550
Electrical	Rated voltage	(volts/PH)	208/230/1
	Frequency	(Hz)	60
	Fan Motor FLA	(A)	0.6
	MCA	(A)	15
	MOP	(A)	15
	Control Board Fuse Size	(A)	4
Outdoor Operating temperature range	Operating Temperature Range Cooling	(°C)	-15 ~ 50
	Operating Temperature Range Heating	(°C)	-20 ~ 30
Refrigerant	Refrigerant Charge	(kg)	0.75
	Chargeless Pipe Length	(m)	7.5
	Additional Refrigerant Charge Per Additional Pipe length	(g/m)	20

NOTES:

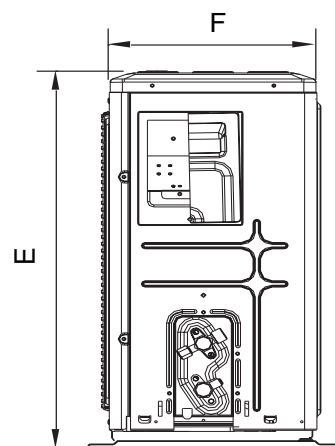
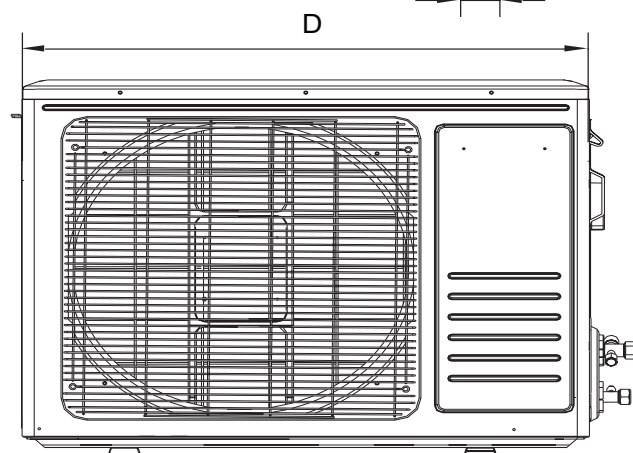
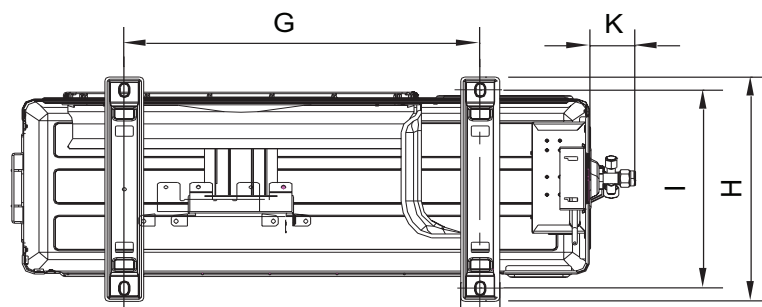
- The refrigerant charge mentioned in the technical data does not include additional charge required for the indoor unit and refrigerant pipe.
- The amount of the additional refrigerant charge depends on the length of the liquid refrigerant pipe installed.
- Record the additional refrigerant charge for future maintenance.

Unit Dimensions

Indoor Unit:



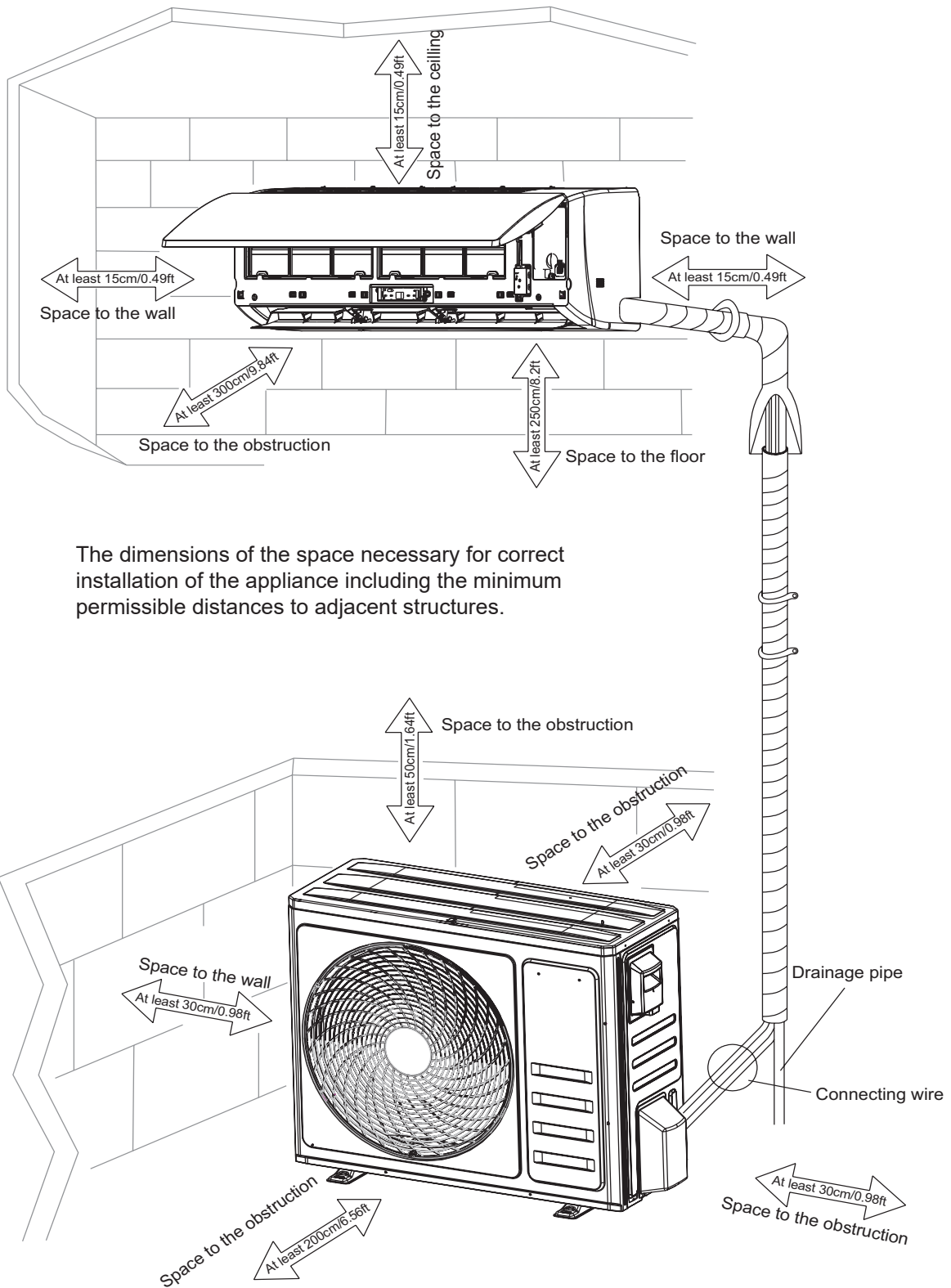
Outdoor Unit:



Unit: inch (mm)

Model	Indoor Unit (inch/mm)			Outdoor Unit (inch/mm)							
	A	B	C	D	E	F	G	H	I	J	K
9K	31.93/ 811	11.50/ 292	7.95/ 202	28.03/ 712	19.61/ 498	9.21/ 234	16.34/ 415	11.46/ 291	8.86/ 225	1.91/ 48.5	2.05/ 52

Clearance Requirements



Note:

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

Performance Data

M4MVW1709A1N0A / M4TVS1709A11NA - 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	7289	5742	7833	6111	8772	6952	9912	6125
14	-10	7230	6071	7770	6460	8701	7349	9832	6475
23	-5	7097	6026	7626	6412	8540	7295	9650	6427
33.8	1	7182	5964	7718	6347	8643	7220	9766	6361
53.6	12	7308	6107	7853	6499	8794	7394	9937	6514
68	20	9006	6334	9678	6740	10837	7668	12246	6755
77	25	9209	6477	9896	6892	11082	7841	12522	6908
86	30	9412	6619	10115	7044	11327	8014	12799	7060
95	35	8796	6190	9459	6588	10593	7494	11970	6603
109.4	43	7564	5956	8128	6338	9102	7211	10285	6353
118.4	48	6798	5960	7306	6342	8181	7215	9244	6357
131	55	3115	3077	3347	3275	3748	3726	4236	3282
*Total Capacity (BtuH) **Sensible Heat Capacity (BtuH)									

M4MVW1709A1N0A / M4TVS1709A11NA - 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	4187	4124	4019
-4	-20	5835	5747	5601
0	-18	6670	6570	6404
5	-15	7025	6920	6744
17	-8	8308	8184	7976
24.8	-4	8782	8651	8431
32	0	9042	8906	8680
35	1.7	9482	9340	9103
39.2	4	9997	9847	9597
47	8	12194	12012	11707
53.6	12	12655	12465	12149
57	14	12010	11830	11530
*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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