

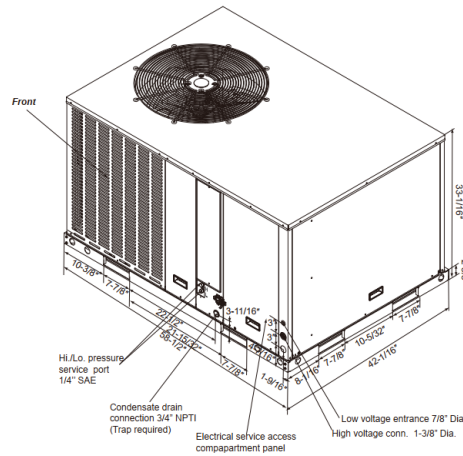
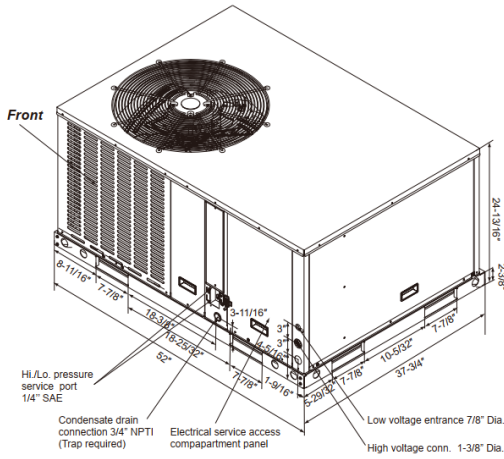
Submittal

TAG:

R454B MRC M152H Series Packaged Rooftop

MRC Series

Cooling capacity: 24-60 kBTU/h



Model	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "D" in. [mm]	Net Weight kg [lb]	Gross Weight kg [lb]
36	37-23/32 [958]	24-13/16 [630]	52 [1321]	143 [316]	146 [322]
60	42-1/32 [1068]	33-1/16 [840]	58-1/2 [1486]	190 [419]	194 [428]

Specifications


	MRC-36HWDN10-M152G	MRC-60HWDN10-M152G
NOMINAL CAPACITY		
Cooling (BTU/h)	34,200	57,000
Heating (BTU/h)	34,600	57,000
ELECTRICAL DATA		
Voltage / Phase (60 Hz)	208/230V-1Ph	208/230V-1Ph
Min. / Max. Voltage (V)	187/253	187/253
Min. Circuit Amps (MCA) (A)	27.7	42.5
Max. Overcurrent Protection (MOP) (A)	40	40
COMPRESSOR		
Type	Rotary	Rotary
Stage	Single	Single
Rated Load Amps (RLA) (A)	17.0	27.5
Locked Rotor Amps (LRA) (A)	52	61
OUTDOOR COIL		
Type	Tube & Fin	Tube & Fin
Tube outside dia. (mm)	7	7
OUTDOOR FAN MOTOR		
Motor Type	BLDC	BLDC
Capacitor (uF)	/	/
Horsepower (HP)	1/3	1/3
Full Load Amps (FLA) (A)	2.1	2.1
Rated Airflow (CFM)	2,850	3,630
INDOOR COIL		
Type	Tube & Fin	Tube & Fin
Tube outside dia. (mm)	7	7
INDOOR BLOWER MOTOR		
Motor Type	ECM	ECM
Capacitor (uF)	/	/
Horsepower (HP)	1/2	3/4
Full Load Amps (FLA) (A)	4.3	6.0
Rated Airflow (CFM at 0.58 in H ₂ O)	1200	1720
REFRIGERATION SYSTEM		
Refrigerant Control	EEV	EEV
Refrigerant Charge (lbs. - oz.)	3 lbs. 14 OZ.	6 lbs. 6 OZ.
SOUND POWER (dB(A))	81	81
OPERATION RANGE		
Cooling (°C)	-5~48.9	-5~48.9
Cooling (°F)	23~120	23~120
Heating (°C)	-17.8~30	-17.8~30
Heating (°F)	0~86	0~86
Dimension & Weight		
Unpacking (W*H*D)	mm 958 x 630 x 1321	mm 1068 x 840 x 1486
	inch 37-23/32 x 24-13/16 x 52	inch 42-1/32 x 33-1/16 x 58-1/2
Packing (W*H*D)	mm 965 x 655 x 1340	mm 1073 x 865 x 1505
	inch 38 x 25-13/16 x 52-3/4	inch 42-1/4 x 34-1/16 x 59-1/4
Net/Gross weight	kg 143/146	kg 190/194
	lb 316/322	lb 419/428
Shipping per STD 40HQ	82	45

Airflow Data

Model Number	Motor Speed		SCFM								
			External Static Pressure in H ₂ O[kPa]								
			0[0]	0.1[.02]	0.2[.05]	0.3[.07]	0.4[.10]	0.5[.12]	0.6[.15]	0.7[.17]	0.8[.20]
36	1	SCFM	986	941	891	844	800	747.2	689	/	/
		Watts	108	118	128	139	149	159	169	/	/
		Amps	1.2	1.26	1.32	1.39	1.45	1.52	1.58	/	/
	2	SCFM	1098.7	1047.6	1003.4	965.8	931.2	897.1	864.1	814.9	745.3
		Watts	151	165	177	188	199	208	217	228	236
		Amps	1.47	1.56	1.65	1.72	1.8	1.86	1.92	2	2.07
	3	SCFM	1239.6	1194	1150.8	1114.9	1080.9	1048.5	1016.1	996.3	959.4
		Watts	204	220	234	248	259	270	281	288	299
		Amps	1.83	1.94	2.04	2.13	2.21	2.29	2.37	2.41	2.49
	4	SCFM	1378.8	1335.2	1292.9	1256.6	1223.9	1193.7	1164.7	1134.7	1104.2
		Amps	273	289	305	319	333	345	357	369	379
		Watts	2.31	2.43	2.53	2.64	2.74	2.82	2.9	2.99	3.06
	5	SCFM	1539.3	1501.9	1459.8	1424.4	1393.5	1363.8	1326.8	1278.9	1231
		Amps	370	389	407	425	441	457	463	461	459
		Watts	2.99	3.12	3.25	3.37	3.49	3.6	3.64	3.63	3.61
60	1	SCFM	1442.8	1375.6	1307.9	1245.6	1184.3	1114.8	1044	/	/
		Watts	159	169	179	189	199	210	221	/	/
		Amps	1.35	1.43	1.5	1.58	1.65	1.74	1.82	/	/
	2	SCFM	1518.7	1450.1	1384.3	1328.4	1271.3	1216.9	1160.7	/	/
		Watts	185	198	211	223	234	244	255	/	/
		Amps	1.65	1.74	1.84	1.92	2	2.07	2.14	/	/
	3	SCFM	1849	1781.7	1721.9	1664	1615	1560	1513	1463	1410
		Watts	311	325	340	356	370	382	394	406	418
		Amps	2.56	2.66	2.76	2.87	2.97	3.06	3.15	3.23	3.32
	4	SCFM	2037	1980	1925	1874	1829	1786	1733	1685	1642
		Amps	407	425	443	460	477	493	508	523	536
		Watts	3.25	3.37	3.5	3.62	3.74	3.85	3.95	4.05	4.14
	5	SCFM	2272	2220	2166	2123	2071	2020	1977	1942	1881
		Watts	564	581	599	617	636	654	671	687	694
		Amps	4.34	4.46	4.58	4.7	4.83	4.96	5.08	5.18	5.23

1. Silence---shipped low stage speed.
2. Factory---shipped low stage speed.
3. Silence mode---shipped high stage speed. Or High static pressure mode---shipped low stage speed.
4. Factory---shipped high stage speed.
5. High static pressure mode---shipped high stage speed.

Factory windshield maximum static pressure 0.6inches if static pressure exceeds 0.6 please dial code to Tap(5)

 Shaded area mean do not allow the high stage speed

