

PRELIMINARY SPECIFICATIONS (R410A)

Model	Unit	MSR-L009HHE	MSR-L013HHE	MSR-L016HHE	MSR-L019HHE	MSR-L024HHE	MSR-L030HHE	MSR-L036HHE	MSR-J043HHE	MSR-J052HHE	MSR-J062HHE	MSR-J072HHE	
Cooling Capacity	KW	3, 05	4, 31	5, 57	6, 72	8, 19	9, 87	11, 76	13, 1	15, 8	17, 3	20, 48	
Heating Capacity		3, 83	5, 56	6, 73	7, 33	9, 04	11, 13	13, 30	15, 3	18, 0	19, 0	23, 50	
Power Input	Cooling	W	672	963	1171	1389	1750	2030	2557	3048	3800	4386	5019
	Heating		736	1010	1161	1377	1650	2134	2418	3071	3681	4299	5246
Current	Cooling	A	3, 11	4, 41	5, 23	5, 51	7, 98	10, 07	12, 07	5, 60	6, 80	7, 90	9, 00
	Heating		3, 18	4, 52	5, 26	5, 95	7, 60	10, 26	11, 50	5, 70	6, 60	7, 80	9, 20
Power Supply	V / Ph / Hz	220 - 240V / 1 / 50Hz							380-415V / 3 / 50Hz				
Noise Level	dB(A)	38	40	41	41	41	41	42	43	44	45	46	
Air Flow	m3/h	520	780	1170	1200	1500	1720	2200	2360	2850	3100	3300	
Water Flow	m3/h	0, 61	0, 87	1, 3	1, 37	1, 65	2, 08	2, 3	2, 77	3, 38	3, 85	4, 6	
Pressure Drop	kPa	20, 4	25, 6	45, 6	52	40, 2	42, 6	42, 8	32, 1	54, 22	51, 53	67, 5	
External Static Pressure	Pa	20	30	30	30	30	50	50	50	80	80	80	
Compressor Type/No.	Rotary/1							Scroll/1					
Refrigerant	R410A												
Charge	Kg	0, 85	1, 05	1, 1	1, 03	1, 35	1, 9	1, 8	1, 85	2, 5	2, 7	2, 8	
Unit Dimensions	mm	787*483*381		889*508*430		1067*559*483		1067*559*533		1321*686*533			
Net Weight	Kg	60	65	80	90	105	125	140	160	170	180	195	
Size of pipe connected	in	RC1/2"				RC3/4"				RC1"			
Size of drain pipe	in	3/4"											
Supply duct size	Height*Width	180*187		204*236		262*237		284*274		291*337			

Note:

All capacities are based on: cooling: Inlet air temp. 27°C (DB+), 19°C (WB++); Inlet water temp. 30°C, Outlet water temp. 36°C.
 heating: Inlet air temp. 20°C (DB), 15°C (WB++); Inlet water temp. 20°C.