

SPECIFICATION

MONOBLOC TYPE



Monobloc (Outdoor Unit)			Capacity Reference	NEW 3kW 1Φ	NEW 5kW 1Φ	NEW 7kW 1Φ	NEW 9kW 1Φ	
				HMO31M.U42	HMO51M.U42	HMO71M.U42	HMO91M.U42	
Nominal Capacity	Heating (A7/W35)	kW		3.00	4.99	7.00	9.00	
	Heating (A2/W50)	kW		2.10	3.49	4.89	6.29	
	Heating (A-2/W50)	kW		1.96	3.26	4.57	5.88	
	Heating (A-7/W35)	kW		2.83	4.72	6.61	8.61	
Nominal Power Input	Cooling (A35/W18)	kW		-	4.99	7.00	9.00	
	Heating (A7/W35)	kW		0.73	1.13	1.63	2.20	
	Heating (A2/W50)	kW		0.90	1.40	2.01	2.57	
	Heating (A-2/W50)	kW		0.89	1.39	1.98	2.65	
COP	Heating (A-7/W35)	kW		1.10	1.72	2.45	3.19	
	Cooling (A35/W18)	kW		-	1.39	2.00	2.65	
	Heating (A7/W35)			4.10	4.42	4.30	4.09	
	Heating (A2/W50)			2.33	2.49	2.43	2.45	
EER	Heating (A-2/W50)			2.20	2.35	2.31	2.22	
	Heating (A-7/W35)			2.57	2.74	2.70	2.70	
EER	Cooling (A35/W18)			-	3.59	3.50	3.40	
Dimension	W*H*D	mm		950 x 834 x 330	1,239 x 907 x 390			
Weight		kg		61	99			
Sound Pressure Level (Heating)		dB(A)		47	51	52	52	
Outdoor Air Operation Range	Heating	°CDB						-20 - 35
	Cooling	°CDB						5 - 48
Leaving Water Temp. Range	Heating	°C		20 - 57				15 - 57
	Cooling	°C		-				6 - 35
Water Pipe Connection	Inlet	mm(inch)						Female PT 25(1)
	Outlet	mm(inch)						Female PT 25(1)
Electric Heater	Power Supply	P/V/Hz		-				1 / 220-240 / 50
	Capacity	kW		-				4
Water Flowrate Limit		LPM						Min. 15
Max. Water Head		m		6				7
Power Supply		P/V/Hz						1 / 220-240 / 50
Recommended Fuse		A						20

Monobloc (Outdoor Unit)			Capacity Reference	NEW 12kW 1Φ	NEW 14kW 1Φ	NEW 16kW 1Φ	NEW 12kW 3Φ	NEW 14kW 3Φ	NEW 16kW 3Φ	
				HM121M.U32	HM141M.U32	HM161M.U32	HM123M.U32	HM143M.U32	HM163M.U32	
Nominal Capacity	Heating (A7/W35)	kW		12.00	14.00	16.00	12.00	14.00	16.00	
	Heating (A2/W50)	kW		8.50	9.78	11.03	8.55	9.83	11.29	
	Heating (A-2/W50)	kW		7.94	9.14	10.30	7.99	9.18	10.54	
	Heating (A-7/W35)	kW		11.48	13.11	14.80	11.48	13.11	14.92	
Nominal Power Input	Cooling (A35/W18)	kW		14.50	15.50	16.10	14.50	15.50	16.10	
	Heating (A7/W35)	kW		2.67	3.15	3.81	2.67	3.15	3.81	
	Heating (A2/W50)	kW		3.41	4.00	4.60	3.49	4.07	4.73	
	Heating (A-2/W50)	kW		3.30	3.95	4.63	3.40	4.00	4.63	
COP	Heating (A-7/W35)	kW		4.16	4.85	5.61	4.16	4.85	5.95	
	Cooling (A35/W18)	kW		4.00	4.69	5.07	4.00	4.69	5.07	
	Heating (A7/W35)			4.49	4.44	4.20	4.49	4.44	4.20	
	Heating (A2/W50)			2.49	2.45	2.40	2.45	2.42	2.39	
EER	Heating (A-2/W50)			2.41	2.31	2.22	2.35	2.30	2.28	
	Heating (A-7/W35)			2.76	2.70	2.64	2.76	2.70	2.51	
EER	Cooling (A35/W18)			3.63	3.30	3.18	3.63	3.30	3.18	
Dimension	W*H*D	mm	1,239 x 1,450 x 390							
Weight		Kg	141							
Sound Pressure Level (Heating)		dB(A)	53							
Outdoor Air Operation Range	Heating	°CDB								-20 - 35
	Cooling	°CDB								5 - 48
Leaving Water Temp. Range	Heating	°C								15 - 57
	Cooling	°C								6 - 35
Water Pipe Connection	Inlet	mm(inch)								Female PT 25(1)
	Outlet	mm(inch)								Female PT 25(1)
Electric Heater	Power Supply	P/V/Hz								1 / 220-240 / 50
	Capacity	kW								6
Water Flowrate Limit		LPM								Min. 15
Max. Water Head		m								8
Power Supply		P/V/Hz						1 / 220-240 / 50	3 / 380-415 / 50	
Recommended Fuse		A						32	10	