

SPECIFICATION

MONOBLOC TYPE



Monobloc (Outdoor Unit)			Capacity Reference	NEW 3kW 1Φ HMO31M.U42	NEW 5kW 1Φ HMO51M.U42	NEW 7kW 1Φ HMO71M.U42	NEW 9kW 1Φ 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 HM121M.U32	NEW 14kW 1Φ HM141M.U32	NEW 16kW 1Φ HM161M.U32	NEW 12kW 3Φ HM123M.U32	NEW 14kW 3Φ HM143M.U32	NEW 16kW 3Φ 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		