

PAC BT MONOBLOC TECHNICAL DATA - THREE PHASES

Models		AWHM-PAC-BT-MB-12KW-H13	AWHM-PAC-BT-MB-14KW-H13	AWHM-PAC-BT-MB-16KW-H13	
Code 3~400V-50Hz		7HP061022	7HP061023	7HP061024	
HEATING MODE - OUTDOOR AIR REGIME +7°C / 85% HUMID BULB					
Water regime 30/35°C*	Heating capacity	kW	12.37	14.10	16.30
	Power input	kW	2.76	3.26	3.88
	COP		4.48	4.33	4.20
Water regime 40/45°C	Heating capacity	kW	12.02	14.11	16.06
	Power input	kW	3.72	4.46	5.23
	COP		3.23	3.16	3.07
Water regime 47/55°C	Heating capacity	kW	12.51	14.41	16.15
	Power input	kW	4.43	5.16	5.86
	COP		2.82	2.79	2.76
COOLING MODE - OUTDOOR AIR REGIME 35°C					
Water regime indoor 23°C outdoor 18°C	Heating capacity	kW	12.64	14.03	15.10
	Power input	kW	2.75	3.26	3.78
	EER		4.60	4.30	4.00
Water regime indoor 12°C outdoor 7°C	Heating capacity	kW	12.58	13.80	15.26
	Power input	kW	4.32	5.14	6.41
	EER		2.91	2.68	2.38
OTHERS FEATURES					
Energy label	Water outlet à 35°C	ηs	174.9%	167.9%	163.6%
		class	A++	A++	A++
	Water outlet à 55°C	ηs	130.9%	127.9%	125.6%
		class	A++	A++	A++
SCOP	Water outlet à 35°C		4.45	4.27	4.17
	Water outlet à 55°C		3.35	3.27	3.22
SEER	Water outlet à 7°C		5.02	4.88	4.92
	Water outlet à 18°C		5.78	5.72	5.87
Operating range	Cooling	°C		-5/46	
	Heating	°C		-20/35	
	ECS	°C		-20/35	
Water outlet temperatures	Cooling	°C		5/25	
	Heating	°C		25/60	
	ECS	°C		40/60	
Fuse rating	A	20	20	20	
Compressor type			Twin rotary DC inverter		
Outdoor fan	Number		2	2	2
	Air flow	m³/h	6150	6150	6150
Circulator	Head	m	7.5	7.5	7.5
Refrigerant	Type		R410A		
	Precharge	kg	3.6	3.6	3.6
Auxiliary heat resistance	Build in standard	kW	4.5	4.5	4.5
	Optional	kW	-	-	-
	Power stage number		1	1	1
	Power supply	V/Ph/Hz	380-415/3/50		
Sound level	Heating	dB(A)	68	71	71
	Cooling	dB(A)	69	70	71
Outline dimensions (WxHxD)	mm	1404x1414x405			
Package dimensions (WxHxD)	mm	1475x1580x440			
Net weight/Gross weight	kg	177/198			
Liquid pipe diameter	inches	1-1/4" Female BSP			
Total water volume	liters	5.5	5.5	5.5	