

Airwell

WELLEA MONOBLOC

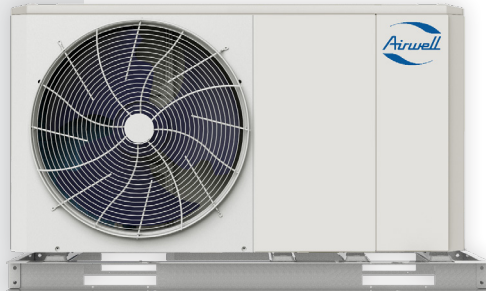
Monobloc heat pump



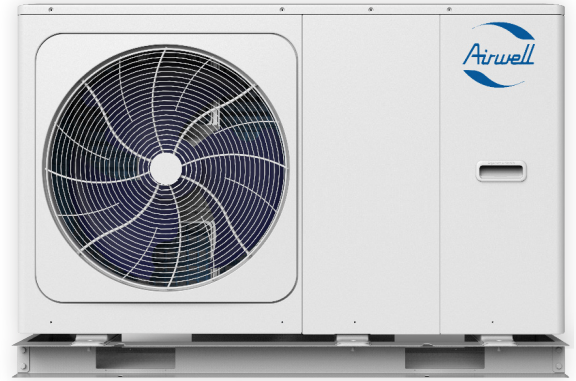
Heat pumps
cooling
and
heating



RCW29
included



4-6 kW



8-16 kW



AirHome connectivity



COP UP TO 5.10

EER UP TO 5.50

PRODUCTS

- RCW29 remote control included
- Water outlet up to 60°C at outdoor temperature -15°C
- Compatible with all transmitter types
- Electrical resistor included from 8kW

FEATURES

- WEEKLY TIMER
- COOLING MODE OPERATIONAL UP TO 43°C OUTDOORS
- HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOORS
- HIGH TEMPERATURE UP TO 60°C HIGH TEMPERATURE UP TO 60°C
- FLOOR HEATING
- HIGH-TEMPERATURE RADIATOR
- LOW-TEMPERATURE RADIATOR
- BOILER BACK-UP
- SUPER QUIET
- WI-FI
- WATER PROGRAMS

«SUSTAINABLE DEVELOPMENT»

> High energy class A+++.

«USER»

- > Compatible with all transmitters.
- > Great flexibility of use.
- > Perfect for replacing an oil or gas boiler.

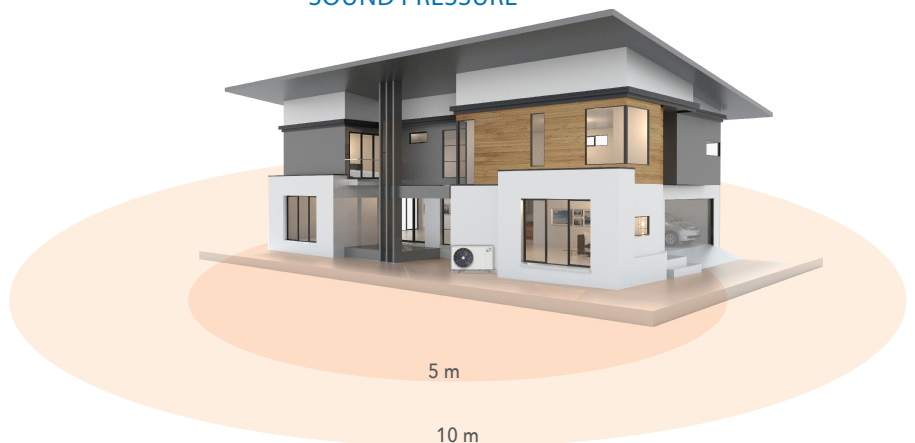
«INSTALLER»

- > Customisable water program.
- > Manage the entire heating circuit, thanks to the many available connections.

«TECHNOLOGY»

- > Operates at outdoor temperatures down to -25°C.
- > HP Keymark certified.

SOUND PRESSURE



WELLEA MONOBLOC

		4 KW	6 KW	8 KW	10 KW	12 KW	14 KW	16 KW
Sound pressure level* at 5 m	dB(A)	30	31	34	35	37	38	42
Sound pressure level* at 10 m	dB(A)	15	16	19	20	22	23	27

*Free field

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MODEL	AW-WHPMA 04-H91	AW-WHPMA 06-H91	AW-WHPMA 08-H91	AW-WHPMA 10-H91	AW-WHPMA 12-H91	AW-WHPMA 14-H91	AW-WHPMA 16-H91	AW-WHPMA 12-H93	AW-WHPMA 14-H93	AW-WHPMA 16-H93	
Part number	7HP061075	7HP061076	7HP061077	7HP061078	7HP061079	7HP061080	7HP061081	7HP061082	7HP061083	7HP061084	
Phase	Single-phase				Single-phase			Three-phase			

HEATING MODE

Air/Water Temp	Parameter	Unit	Single-phase				Single-phase			Three-phase		
			04	06	08	10	12	14	16	12	14	16
Air +7°C Water 30/35°C	Heating capacity	kW	4.20	6.35	8.40	10.00	12.10	14.50	15.90	12.10	14.50	15.90
	Power input	kW	0.82	1.28	1.63	2.02	2.44	3.15	3.53	2.44	3.15	3.53
	COP		5.10	4.95	5.15	4.95	4.95	4.60	4.50	4.95	4.60	4.50
Air -7°C Water 30/35°C	Heating capacity	kW	4.70	6.00	7.00	8.00	10.00	12.00	13.10	10.00	12.00	13.10
	Power input	kW	1.52	2.00	2.19	2.62	3.33	4.21	4.85	3.33	4.21	4.85
	COP		3.10	3.00	3.20	3.05	3.00	2.85	2.70	3.00	2.85	2.70
Air +7°C Water 47/55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	12.00	13.80	16.00	12.00	13.80	16.00
	Power input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP		2.95	3.00	3.18	3.10	3.10	3.00	2.90	3.10	3.00	2.90
Air -7°C Water 47/55°C	Heating capacity	kW	4.00	5.15	6.15	7.05	10.60	11.30	12.60	10.60	11.30	12.60
	Power input	kW	2.05	2.58	3.00	3.53	5.25	5.46	6.29	5.25	5.46	6.29
	COP		1.95	2.00	2.05	1.97	2.02	2.01	2.00	2.02	2.01	2.00

COOLING MODE

Air/Water Temp	Parameter	Unit	Single-phase				Single-phase			Three-phase		
			04	06	08	10	12	14	16	12	14	16
Air 35°C Water 12/7°C	Cooling capacity	kW	4.70	7.00	7.45	8.20	11.50	12.40	14.00	11.50	12.40	14.00
	Power input	kW	1.36	2.33	2.22	2.52	4.18	4.96	5.60	4.18	4.96	5.60
	EER		3.45	3.00	3.35	3.25	2.75	2.50	2.50	2.75	2.50	2.50
Air 35°C Water 23/18°C	Cooling capacity	kW	4.50	6.50	8.30	9.90	12.00	13.50	14.90	12.00	13.50	14.90
	Power input	kW	0.82	1.35	1.64	2.18	3.04	3.75	4.38	3.04	3.75	4.38
	EER		5.50	4.80	5.05	4.55	3.95	3.60	3.40	3.95	3.60	3.40

PERFORMANCE

Energy label (average climate)	Water outlet to	Temp	A+++				A+++					
			04	06	08	10	12	14	16	12	14	16
Seasonal efficiency (average climate)	Water outlet to 35°C	%	191	195	205	205	189	186	182	189	186	182
	Water outlet to 55°C	%	130	138	132	137	135	136	133	135	136	133
SCOP (average climate)	Water outlet to 35°C		4.85	4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62
	Water outlet to 55°C		3.31	3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41
Sound level		dB(A)	55	58	59	60	65	65	68	65	65	68
Sound pressure level at 1m		dB(A)	45	48	49	51	53	54	58	54	54	58

OPERATING LIMITS

Outdoor temperature	Cooling	°C	-5/43				-5/43			
	Heating	°C	-25/35				-25/35			
	DHW	°C	-25/43				-25/43			

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz		
Electric backup heater	kW	0		3		3			3/6/9		
Max. current	A	12	14	29	30	38	39	40	23	24	25

INSTALLATION & OTHERS

Airflow	m³/h	2770		4030		4060		4650		4060		4650	
Refrigerant/GWP		R32/675						R32/675					
Charge	kg	1.40		1.40		1.75							
Unit dimensions (WxHxD)	mm	1295x792x429				1385x945x526				1385x945x526			
Package dimensions (WxHxD)	mm	1375x965x475				1465x1120x560				1465x1120x560			
Net weight/Gross weight	kg	98/121				121/148				144/170			
Water pipe diameter	inches	R 1"				R 1"1/4				R 1"1/4			