

NEW

# WELLEA M HT

## Monoblock heat pump with natural R290 fluid



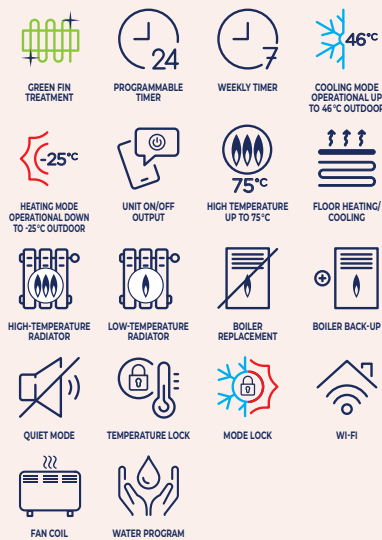
**+ PRODUCT**

- RCW31 remote control included
- Wide power range, and water output up to 75°C: ideal for renovated installation
- 3 kW or 9 kW electric back-up included<sup>(2)</sup>

Connectivity



**FEATURES**



RCW31 included



**+ “SUSTAINABLE DEVELOPMENT”**

- Energy saving thanks to A+++ energy class.
- Cut your bills: COP up to 5,10.
- High-performance compressor for energy savings.
- Natural refrigerant, more respectful of the environment thanks to its low impact, GWP=3.

**+ “USER”**

- Ideal for replacing a gas or fuel oil boiler.
- Saves on heating elements thanks to the 75°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

**+ “INSTALLER”**

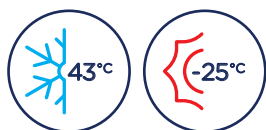
- Cascade management up to 6 units.
- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Modular product: Heating / Cooling / Domestic hot water. (with accessories).
- Backup of your settings via USB.

**+ “TECHNOLOGY”**

- Ultra-quiet model: 30 dB(A) at 5 m(1).
- Operates in extreme temperatures thanks to a dedicated condensate tray.
- HP Keymark certified, guaranteed performance.
- Maintains power even in cold weather.

(1) Acoustic pressure of 4 kW model, free field directivity 1.  
 (2) Depending on model.

## Zoom on air/water range functions



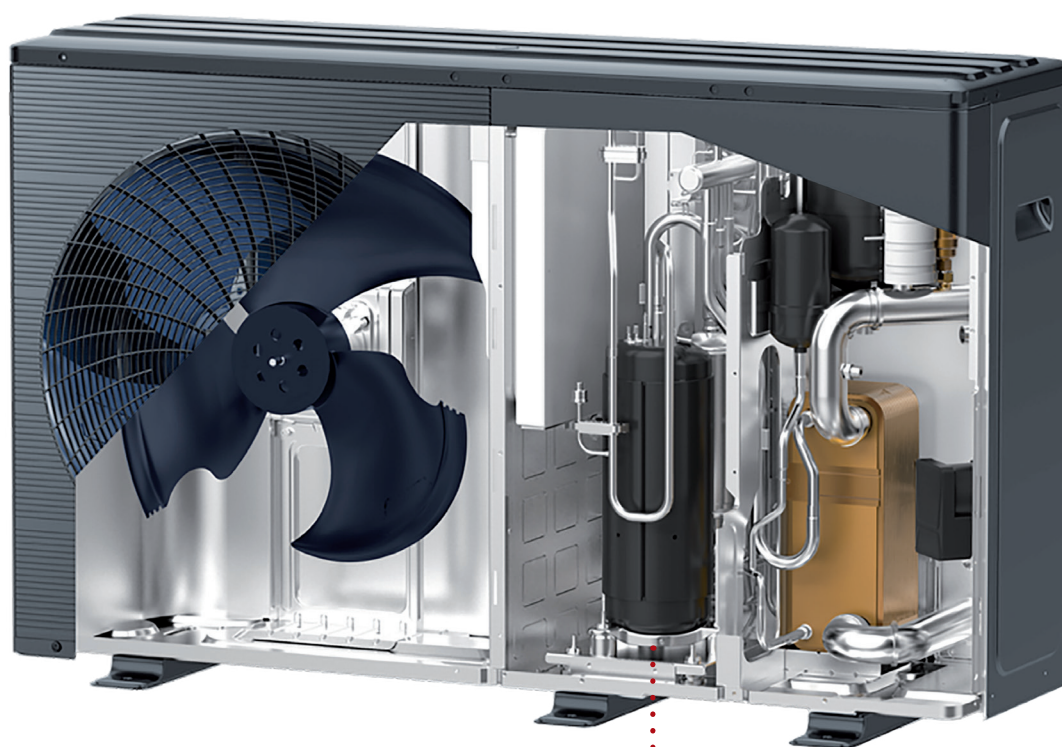
### EXTREME TEMPERATURE OPERATION

Integrated condensate drip tray as standard, with electric heater at the bottom of the drip tray to limit freezing at extreme temperatures.



### WI-FI BUILT-IN

Thanks to the remote control's built-in WiFi, you can control your heat pump remotely.



### GREEN FIN TREATMENT



The new anti-corrosion treatment for the outdoor unit offers increased resistance to salty air (only available with Wellea M HT).



### COMPACT AND SILENT

The outdoor unit is fitted with a single fan, which reduces both size and noise levels. Noise reduction thanks to sound insulation and compressor anti-vibration plate.

## TECHNICAL DATA

OUTDOOR UNIT			BDHW-040R-04M25	BDHW-060R-04M25	BDHW-080R-04M25	BDHW-100R-04M25	BDHW-120R-04M25	BDHW-140R-04M25	BDHW-160R-04M25	BDHW-120R-04T35	BDHW-140R-04T35	BDHW-160R-04T35	
Part number			7MB140020	7MB140021	7MB140022	7MB140023	7MB140024	7MB140025	7MB140026	7MB140027	7MB140028	7MB140029	
Phase			Single-phase				Single-phase			Three-phase			
<b>HEATING MODE</b>													
 Air +7°C Water 35°C	Heating capacity	kW	4.50	6.20	8.40	10.00	12.00	14.00	15.00	12.00	14.00	15.00	
	Power input	kW	0.87	1.27	1.68	2.13	2.50	3.11	3.41	2.50	3.11	3.41	
	<b>COP</b>		<b>5.15</b>	<b>4.90</b>	<b>5.00</b>	<b>4.70</b>	<b>4.80</b>	<b>4.50</b>	<b>4.40</b>	<b>4.80</b>	<b>4.50</b>	<b>4.40</b>	
Air +7°C Water 35°C	Heating capacity	kW	4.50	5.90	7.00	8.00	10.00	11.50	12.70	10.00	11.50	12.70	
	Power input	kW	1.45	2.00	2.33	2.81	3.57	4.26	5.08	3.57	4.26	5.08	
	<b>COP</b>		<b>3.10</b>	<b>2.95</b>	<b>3.00</b>	<b>2.85</b>	<b>2.80</b>	<b>2.70</b>	<b>2.50</b>	<b>2.80</b>	<b>2.70</b>	<b>2.50</b>	
Air +7°C Water 55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	11.90	13.80	16.00	11.90	13.80	16.00	
	Power input	kW	1.49	2.03	2.36	3.06	3.90	4.68	5.61	3.90	4.68	5.61	
	<b>COP</b>		<b>2.95</b>	<b>2.95</b>	<b>3.18</b>	<b>3.10</b>	<b>3.05</b>	<b>2.95</b>	<b>2.85</b>	<b>3.05</b>	<b>2.95</b>	<b>2.85</b>	
Air -7°C Water 55°C	Heating capacity	kW	4.00	5.15	6.15	6.85	9.80	11.00	12.50	9.80	11.00	12.50	
	Power input	kW	2.05	2.58	3.00	3.43	4.78	5.37	6.25	4.78	5.37	6.25	
	<b>COP</b>		<b>1.95</b>	<b>2.00</b>	<b>2.05</b>	<b>2.00</b>	<b>2.05</b>	<b>2.05</b>	<b>2.00</b>	<b>2.05</b>	<b>2.05</b>	<b>2.00</b>	
Air +7°C Water 60°C	Heating capacity	kW	4.58	6.20	8.31	9.27	12.06	14.00	15.10	12.06	14.00	15.10	
	Power input	kW	1.56	2.20	2.79	3.28	4.18	5.05	5.64	4.18	5.05	5.64	
	<b>COP</b>		<b>2.94</b>	<b>2.82</b>	<b>2.98</b>	<b>2.82</b>	<b>2.88</b>	<b>2.77</b>	<b>2.68</b>	<b>2.88</b>	<b>2.77</b>	<b>2.68</b>	
Air +7°C Water 65°C	Heating capacity	kW	4.63	6.19	8.11	9.26	12.02	13.71	14.71	12.02	13.71	14.71	
	Power input	kW	1.80	2.51	3.03	3.64	4.58	5.47	6.06	4.58	5.47	6.06	
	<b>COP</b>		<b>2.57</b>	<b>2.47</b>	<b>2.67</b>	<b>2.55</b>	<b>2.63</b>	<b>2.51</b>	<b>2.43</b>	<b>2.63</b>	<b>2.51</b>	<b>2.43</b>	
Air +7°C Water 75°C	Heating capacity	kW	4.65	5.84	8.04	8.85	10.89	11.40	12.36	10.89	11.40	12.36	
	Power input	kW	2.22	3.00	3.73	4.32	5.41	5.79	6.43	5.41	5.79	6.43	
	<b>COP</b>		<b>2.10</b>	<b>1.95</b>	<b>2.15</b>	<b>2.05</b>	<b>2.01</b>	<b>1.97</b>	<b>1.92</b>	<b>2.01</b>	<b>1.97</b>	<b>1.92</b>	
<b>COOLING MODE</b>													
 Air +35°C Water 18°C	Cooling capacity	kW	4.50	6.50	8.30	10.00	12.00	14.00	16.00	12.00	14.00	16.00	
	<b>EER</b>		<b>5.50</b>	<b>5.10</b>	<b>5.15</b>	<b>4.75</b>	<b>4.50</b>	<b>4.20</b>	<b>3.90</b>	<b>4.50</b>	<b>4.20</b>	<b>3.90</b>	
Air +35°C Water 7°C	Cooling capacity	kW	4.70	6.80	7.50	8.90	11.50	12.70	14.00	11.50	12.70	14.00	
	<b>EER</b>		<b>3.65</b>	<b>3.10</b>	<b>3.45</b>	<b>3.25</b>	<b>3.05</b>	<b>2.90</b>	<b>2.75</b>	<b>3.05</b>	<b>2.90</b>	<b>2.75</b>	
<b>PERFORMANCE</b>													
Energy label (average climate)	Water outlet to 35°C		<b>A+++</b>				<b>A+++</b>						
	Water outlet to 55°C		<b>A++</b>				<b>A++</b>						
Seasonal efficiency (average climate)	Water outlet to 35°C	%	199	192	204	199	183	182	180	183	182	180	
	Water outlet to 55°C	%	148	149	149	149	141	141	139	141	141	139	
SCOP (average climate)	Water outlet to 35°C		5.07	4.89	5.19	5.07	4.67	4.63	4.59	4.67	4.63	4.59	
	Water outlet to 55°C		3.79	3.82	3.82	3.82	3.62	3.61	3.57	3.62	3.61	3.57	
Sound level	dB(A)		56	58	60	61	65	65	69	65	65	69	
Sound pressure level (1m)	dB(A)		44	46	48	49	51	52	56	51	52	56	
<b>OPERATING LIMITS</b>													
Outdoor air temperature	Cooling	°C	-5/46				-5/46						
	Heating	°C	-25/35				-25/35						
	Domestic hot water	°C	-25/46				-25/46						
<b>POWER SUPPLY</b>													
Phase/Voltage/Frequentie		1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz				
Power cable section	mm <sup>2</sup>	3G2.5	3G2.5	3G4	3G4	3G6	3G6	3G6	5G2.5	5G2.5	5G2.5		
Fuse rating am	A	16	16	20	20	32	32	32	16	16	16		
Electric backup heater built-in	kW	3				3			3/6/9				
Power cable section electric backup heater	mm <sup>2</sup>	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	5G2.5	5G2.5	5G2.5		
Fuse rating am electric backup heater	A	16	16	16	16	16	16	16	16	16	16		
Remote controller connection (shielded)	mm <sup>2</sup>	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75	2G0.75		
<b>INSTALLATION AND OTHERS</b>													
Airflow	m <sup>3</sup> /h	2770			4030		4060		4650		4060		4650
<b>Refrigerant/GWP</b>		<b>R290/3</b>											
Charge	kg	0.7			1.1			1.25					
Outline dimensions (WxHxD)	mm	1295x792x429				1385x945x526				1385x945x526			
Package dimensions (WxHxD)	mm	1375x965x475				1465x1120x560				1465x1120x560			
Net weight/Gross weight	kg	98/121			121/148			144/170			160/188		
Pipe diameter (water)	inches	R1"			R1"1/4			R1"1/4					

# Capacity tables

## WELLEA M HT - Maximum heating capacity (without defrosting)

MODELS		LEAVING WATER TEMPERATURE (°C)													
		35		45		55		60		65		70		75	
		HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)
4 kW	-25	3.19	1.71	3.10	1.84	2.87	2.00								
	-20	3.82	1.79	3.69	1.94	3.33	2.10	3.29	2.21	3.14	2.31				
	-15	4.42	1.84	4.28	2.02	3.93	2.22	3.78	2.34	3.61	2.45	3.46	2.57		
	-10	4.42	1.55	4.63	1.84	4.60	2.32	4.47	2.49	4.26	2.62	4.06	2.77	3.74	2.93
	-7	4.50	1.45	4.70	1.74	4.70	2.19	4.61	2.39	4.44	2.57	4.25	2.71	3.93	2.86
	-5	4.37	1.32	4.51	1.61	4.55	2.02	4.58	2.26	4.55	2.48	4.42	2.69	4.12	2.86
	-2	4.27	1.19	4.36	1.44	4.46	1.78	4.44	1.95	4.46	2.14	4.46	2.35	4.42	2.74
	0	4.38	1.16	4.46	1.39	4.61	1.76	4.41	1.88	4.37	2.04	4.38	2.25	4.52	2.66
	2	4.40	1.07	4.40	1.31	4.60	1.70	4.37	1.74	4.31	1.96	4.31	2.08	4.64	2.63
	5	4.33	0.94	4.50	1.21	4.48	1.48	4.56	1.63	4.51	1.86	4.50	1.96	4.50	2.28
	7	4.50	0.87	4.50	1.11	4.60	1.44	4.58	1.56	4.63	1.80	4.64	1.93	4.65	2.22
	10	4.43	0.79	4.49	1.03	4.59	1.33	4.57	1.47	4.58	1.67	4.56	1.79	4.60	2.08
	12	4.49	0.75	4.43	0.96	4.69	1.27	4.66	1.44	4.58	1.60	4.64	1.73	4.54	1.96
15	4.49	0.72	4.44	0.93	4.83	1.27	4.79	1.41	4.60	1.57	4.66	1.72	4.66	2.01	
20	4.52	0.69	4.43	0.85	4.60	1.12	4.62	1.26	4.64	1.47	4.68	1.67	4.38	1.82	
6 kW	-25	3.40	1.94	3.28	2.11	3.00	2.14								
	-20	4.24	2.01	4.08	2.20	3.66	2.34	3.60	2.55	3.44	2.66				
	-15	5.05	2.08	4.88	2.34	4.46	2.61	4.31	2.70	4.12	2.99	3.96	3.04		
	-10	5.81	2.09	5.42	2.24	5.12	2.67	5.05	2.83	4.83	3.10	4.18	3.00	3.81	3.02
	-7	5.90	2.00	5.50	2.20	5.02	2.35	5.10	2.74	5.05	2.99	4.48	3.03	4.09	3.17
	-5	5.70	1.78	5.43	2.00	5.17	2.35	5.15	2.70	4.93	2.80	4.50	2.91	4.60	3.43
	-2	5.51	1.55	5.47	1.88	5.28	2.24	5.29	2.60	5.31	2.81	5.13	3.01	4.67	3.11
	0	5.64	1.51	5.74	1.88	5.34	2.06	5.66	2.55	5.35	2.68	5.35	3.04	5.06	3.34
	2	5.60	1.44	5.80	1.87	5.80	2.19	5.44	2.32	5.41	2.61	5.44	2.97	5.17	3.27
	5	5.92	1.32	6.06	1.68	5.99	2.03	5.96	2.25	5.96	2.57	5.92	3.04	5.60	3.11
	7	6.20	1.27	6.40	1.68	6.20	2.00	6.20	2.20	6.19	2.51	6.27	2.81	5.84	3.00
	10	6.19	1.15	6.47	1.53	6.22	1.83	6.21	2.08	6.22	2.37	6.19	2.60	6.03	3.02
	12	6.24	1.08	6.35	1.40	6.20	1.73	6.18	1.99	6.20	2.25	6.18	2.49	6.12	2.89
15	6.25	1.05	6.51	1.40	6.25	1.68	6.34	1.95	6.25	2.22	6.34	2.52	5.91	2.69	
20	5.97	0.95	6.50	1.29	6.24	1.57	6.27	1.81	6.18	2.03	5.94	2.29	5.46	2.46	
8 kW	-25	4.71	2.38	4.58	2.80	4.34	3.16								
	-20	5.91	2.67	5.74	2.96	5.50	3.29	5.48	3.47	5.43	3.67				
	-15	7.25	3.02	6.54	3.05	6.27	3.49	6.21	3.63	6.15	3.84	6.16	4.03		
	-10	7.22	2.53	7.10	3.11	7.23	3.53	6.96	3.49	6.96	3.73	6.96	3.87	6.76	4.26
	-7	7.00	2.33	7.10	3.09	6.90	3.21	6.98	3.36	7.21	3.57	6.98	3.73	7.04	4.05
	-5	7.03	2.09	7.16	2.59	7.10	3.12	7.17	3.24	7.21	3.50	7.10	3.58	7.17	4.00
	-2	7.10	1.92	7.20	2.42	7.32	3.11	7.29	3.17	7.33	3.46	7.39	3.71	7.42	4.04
	0	7.12	1.87	7.29	2.44	7.32	2.90	7.44	3.15	7.45	3.40	7.46	3.63	7.47	4.01
	2	7.10	1.84	7.70	2.57	7.80	3.06	7.66	3.15	7.48	3.30	7.53	3.58	7.54	3.91
	5	7.72	1.70	7.99	2.24	7.87	2.65	7.94	2.85	8.02	3.28	8.00	3.50	7.79	3.78
	7	8.40	1.68	8.20	2.13	7.80	2.44	8.31	2.79	8.11	3.03	8.12	3.28	8.04	3.73
	10	8.45	1.51	8.27	1.91	8.00	2.26	8.04	2.43	8.06	2.78	8.11	3.06	8.12	3.24
	12	8.34	1.36	8.36	1.79	8.05	2.15	8.07	2.27	8.07	2.62	8.08	2.88	8.10	3.11
15	8.31	1.31	8.15	1.68	7.85	2.01	7.89	2.16	7.87	2.48	8.01	2.79	8.14	3.06	
20	8.26	1.18	8.10	1.52	7.78	1.83	8.01	2.02	7.96	2.38	8.06	2.63	8.02	2.90	
10 kW	-25	5.37	2.80	5.21	3.27	5.00	3.67								
	-20	6.54	2.99	6.24	3.27	6.21	3.99	5.97	3.80	6.10	4.16				
	-15	7.45	3.12	7.24	3.47	6.98	4.13	6.94	4.31	6.81	4.34	6.86	4.72		
	-10	7.60	2.70	7.45	3.34	7.34	3.64	7.10	3.61	7.40	4.03	7.11	4.06	7.14	4.51
	-7	8.00	2.81	7.60	3.38	7.40	3.52	7.12	3.51	7.39	3.71	7.01	3.76	7.12	4.12
	-5	8.00	2.49	7.64	2.90	7.67	3.52	7.46	3.46	7.60	3.72	7.20	3.67	7.26	4.07
	-2	8.02	2.26	7.65	2.75	8.01	3.59	7.46	3.36	7.87	3.75	7.39	3.71	7.81	4.28
	0	8.06	2.21	7.70	2.71	8.01	3.26	8.01	3.45	8.15	3.74	7.58	3.74	8.01	4.36
	2	8.20	2.25	8.20	2.78	8.40	3.36	8.35	3.54	8.28	3.69	8.40	4.13	8.14	4.30
	5	8.81	2.02	8.82	2.54	8.62	2.95	8.65	3.27	8.66	3.60	8.90	4.08	8.60	4.42
	7	10.00	2.13	10.00	2.74	9.50	3.11	9.27	3.28	9.26	3.64	9.23	4.00	8.85	4.32
	10	9.63	1.81	9.68	2.34	9.17	2.74	9.28	3.08	9.20	3.32	9.43	3.85	8.91	3.99
	12	9.70	1.67	9.63	2.15	9.24	2.64	9.23	2.81	9.28	3.16	9.66	3.70	9.12	3.88
15	9.82	1.63	9.65	2.06	9.24	2.44	9.22	2.71	9.30	3.07	9.40	3.51	8.94	3.68	
20	9.60	1.44	9.75	1.91	9.07	2.21	9.31	2.54	9.30	2.86	9.21	3.21	8.89	3.36	
12 kW	-25	7.00	3.73	6.64	4.08	6.35	4.44								
	-20	8.53	3.92	8.18	4.31	7.93	4.70	7.69	4.93	7.42	5.19				
	-15	10.07	4.01	9.85	4.51	9.62	4.96	9.38	5.35	8.99	5.61	8.45	5.40		
	-10	9.84	3.80	10.13	4.59	10.06	5.09	10.01	5.36	9.76	5.48	9.40	5.47	8.97	6.05
	-7	10.00	3.57	10.50	4.29	10.40	4.84	10.35	5.20	10.27	5.61	9.86	5.47	9.18	5.64
	-5	9.66	3.24	10.49	4.27	10.24	4.75	10.15	5.03	9.83	5.28	9.52	5.24	8.79	5.23
	-2	9.42	2.82	10.71	4.01	10.69	4.67	10.44	4.96	10.06	5.14	9.71	5.24	8.89	5.23
	0	9.28	2.57	11.05	3.94	10.91	4.54	10.59	4.84	9.97	4.96	9.56	5.06	8.83	5.09
	2	9.10	2.39	11.30	3.90	11.30	4.43	10.87	4.77	10.37	5.03	10.04	5.19	9.26	5.25
	5	10.77	2.34	11.84	3.30	11.86	3.96	11.76	4.38	11.77	4.91	11.62	5.32	10.51	5.33
	7	12.00	2.50	12.00	3.24	12.00	3.87	12.06	4.18	12.02	4.58	12.05	5.24	10.89	5.41
	10	12.00	2.20	11.97	2.78	12.08	3.43	12.01	3.85	12.07	4.34	11.91	4.72	11.27	5.13
	12	12.12	2.05	11.90	2.57	11.96	3.19	12.18	3.67	12.04	4.11	11.88	4.47	11.82	5.11
15	12.06	1.90	11.83	2.41	11.92	3.06	12.03	3.48	11.88	3.88	11.88	4.20	11.73	4.73	
20	11.96	1.72	11.98	2.25	11.87	2.83	11.98	3.23	11.84	3.59	11.95	4.05	11.12	4.21	
14 kW	-25	7.78	4.22	7.41	4.69	7.14	5.08								
	-20	9.38	4.45	9.02	4.87	8.78	5.28	8.54	5.55	8.14	5.75				
	-15	10.75	4.57	10.67	5.11	10.58	5.62	10.11	5.94	9.46	6.15	8.93	5.79		
	-10	11.34	4.68	10.95	5.21	10.79	5.58	10.52	5.71	10.25	5.85	9.87	5.87	9.33	6.41
	-7	11.50</													

WELLEA M HT - Maximum heating capacity (without defrosting)

MODELS		LEAVING WATER TEMPERATURE (°C)													
		35		45		55		60		65		70		75	
OUTDOOR-TEMPERATURE (°C)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	HEATING CAPACITY (kW)	POWER INPUT (kW)	
16 kW	-25	8.83	5.08	8.45	5.70	8.18	6.30								
	-20	10.56	5.39	10.59	6.22	9.82	6.28	9.37	6.45	8.66	6.21				
	-15	11.96	5.37	11.60	6.11	11.19	6.26	10.45	6.24	9.67	6.36	9.17	5.99		
	-10	12.55	5.39	12.08	5.92	11.30	5.95	10.85	6.07	10.37	6.02	9.99	5.98	9.69	6.79
	-7	12.70	5.08	12.50	5.56	12.40	6.05	11.65	6.19	10.85	6.05	10.61	6.14	10.06	6.42
	-5	12.55	4.64	12.56	5.49	11.85	5.68	11.39	5.98	10.83	5.98	10.38	5.92	9.71	5.94
	-2	12.47	4.14	12.66	5.05	12.28	5.64	11.54	5.74	10.89	5.72	10.45	5.84	9.71	5.89
	0	12.80	4.03	13.17	5.01	12.91	5.70	11.91	5.72	11.29	5.83	10.45	5.73	9.68	5.79
	2	12.80	4.00	13.10	4.76	13.10	5.35	12.18	5.59	11.32	5.63	10.68	5.70	9.72	5.74
	5	14.20	3.63	14.18	4.38	14.27	5.19	14.19	5.70	13.21	5.60	12.90	6.07	11.59	6.15
	7	15.00	3.41	15.00	4.48	15.00	5.26	15.10	5.64	14.71	6.06	13.59	6.22	12.36	6.43
	10	14.94	2.97	15.01	3.73	14.99	4.49	15.00	5.11	15.00	5.75	13.71	5.61	11.91	5.68
12	15.01	2.72	15.12	3.57	15.00	4.22	14.97	4.72	15.17	5.53	13.87	5.38	12.40	5.56	
15	15.03	2.68	15.14	3.46	14.95	4.14	15.04	4.69	15.04	5.36	14.32	5.42	12.88	5.57	
20	15.00	2.46	15.01	3.25	14.72	3.88	14.03	4.18	13.09	4.27	13.14	4.60	11.12	4.21	

WELLEA M HT - Maximum cooling capacity

MODELS		LEAVING WATER TEMPERATURE (°C)													
		5		7		10		15		18		20		25	
OUTDOOR-TEMPERATURE (°C)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	COOLING CAPACITY (kW)	POWER INPUT (kW)	
4 kW	20	4.53	0.82	4.74	0.80	4.59	0.72	4.49	0.59	4.52	0.52	4.51	0.47	4.66	0.46
	25	4.69	1.00	4.72	0.93	4.58	0.84	4.50	0.68	4.42	0.61	4.56	0.54	4.42	0.50
	30	4.68	1.15	4.73	1.07	4.62	0.98	4.56	0.79	4.50	0.71	4.52	0.64	4.46	0.55
	35	4.68	1.33	4.70	1.29	4.59	1.11	4.57	0.93	4.50	0.82	4.54	0.77	4.53	0.65
	40	4.70	1.56	4.71	1.45	4.59	1.28	4.54	1.06	4.52	0.95	4.44	0.88	4.45	0.74
	46	4.66	1.69	4.68	1.59	4.67	1.42	4.58	1.17	4.48	1.02	4.54	0.99	4.56	0.84
6 kW	20	5.54	1.08	5.90	1.08	6.47	1.09	6.49	0.89	6.47	0.79	6.45	0.71	6.51	0.68
	25	6.10	1.45	6.50	1.44	6.64	1.36	6.50	1.08	6.44	0.93	6.47	0.82	6.55	0.78
	30	6.75	1.94	6.75	1.79	6.75	1.62	6.57	1.28	6.49	1.13	6.48	0.99	6.45	0.82
	35	6.77	2.30	6.80	2.19	6.65	1.86	6.52	1.48	6.50	1.27	6.45	1.20	6.46	1.00
	40	5.44	1.95	5.82	1.98	6.40	2.02	6.58	1.78	6.45	1.49	6.42	1.40	6.41	1.15
	46	4.49	1.76	4.79	1.80	5.27	1.83	6.14	1.93	6.50	1.87	6.19	1.64	6.20	1.36
8 kW	20	6.82	1.32	7.24	1.31	7.71	1.26	8.08	1.20	8.30	1.11	8.22	0.98	8.27	0.83
	25	7.29	1.71	7.44	1.61	7.67	1.46	8.04	1.30	8.33	1.19	8.36	1.13	8.29	0.92
	30	7.48	2.06	7.48	1.87	7.62	1.69	8.01	1.54	8.30	1.37	8.21	1.17	8.37	1.00
	35	7.44	2.41	7.50	2.17	7.67	2.03	8.03	1.75	8.30	1.61	8.24	1.49	8.32	1.17
	40	6.76	2.44	7.23	2.48	7.64	2.39	8.10	2.12	8.33	1.94	8.23	1.78	8.22	1.38
	46	6.18	2.35	6.60	2.39	7.26	2.45	8.03	2.33	8.28	2.15	8.20	1.95	8.25	1.56
10 kW	20	5.26	2.06	5.63	2.10	6.20	2.14	8.08	2.60	7.96	2.26	8.29	2.23	8.37	1.81
	25	7.23	1.45	7.72	1.46	8.49	1.46	9.61	1.52	9.90	1.43	9.89	1.23	9.92	1.04
	30	8.20	2.40	8.73	2.44	9.21	2.37	9.68	1.99	9.99	1.82	9.97	1.48	10.03	1.26
	35	8.23	2.86	8.76	2.91	9.20	2.79	9.67	2.41	10.00	2.11	9.94	1.93	9.87	1.49
	40	6.76	2.44	7.23	2.48	7.95	2.54	9.25	2.65	9.98	2.65	9.95	2.39	10.00	1.85
	46	6.18	2.35	6.60	2.39	7.26	2.45	8.49	2.55	9.28	2.61	9.89	2.62	9.95	2.07
12 kW	20	9.82	1.99	10.46	1.99	11.49	2.00	11.85	1.65	11.92	1.41	11.80	1.30	11.90	1.16
	25	10.63	2.68	11.32	2.71	11.69	2.47	11.86	1.97	11.90	1.77	11.78	1.55	11.81	1.39
	30	11.13	3.39	11.56	3.29	11.71	2.91	11.83	2.31	11.96	2.12	11.95	1.84	12.02	1.62
	35	11.25	4.03	11.50	3.77	11.63	3.39	11.84	2.84	12.00	2.67	12.07	2.27	12.01	1.79
	40	9.88	3.86	10.57	3.91	10.57	3.50	12.01	3.46	12.01	3.08	12.05	2.79	12.15	2.21
	46	8.60	3.51	9.13	3.58	10.04	3.66	11.58	3.80	12.09	3.66	12.05	3.09	12.02	2.64
14 kW	20	6.64	2.88	7.08	2.93	7.80	2.99	9.05	3.08	9.88	3.14	10.46	3.17	11.54	3.15
	25	10.32	2.16	11.00	2.17	12.07	2.18	13.58	2.06	14.08	1.86	14.13	1.74	13.91	1.46
	30	11.21	2.96	11.93	2.99	13.07	3.04	13.59	2.50	14.15	2.31	13.96	2.03	13.91	1.75
	35	11.92	3.83	12.67	3.89	13.11	3.59	13.63	2.97	13.99	2.70	14.12	2.40	14.09	2.03
	40	11.98	4.52	12.70	4.38	13.05	4.21	13.61	3.59	14.00	3.33	14.06	2.99	14.16	2.36
	46	9.88	3.86	10.57	3.91	11.55	4.12	13.31	4.17	14.13	4.00	14.08	3.75	14.05	2.89
16 kW	20	8.60	3.51	9.13	3.58	10.04	3.66	11.58	3.80	12.09	3.66	12.05	3.09	12.02	2.64
	25	6.64	2.88	7.08	2.93	7.80	2.99	9.05	3.08	9.88	3.14	10.46	3.17	11.54	3.15
	30	11.22	2.45	11.95	2.47	13.12	2.49	15.19	2.49	16.12	2.37	16.06	2.20	16.08	1.79
	35	12.16	3.36	12.93	3.40	14.16	3.46	15.43	3.16	16.04	2.88	16.30	2.63	16.17	2.20
	40	13.12	4.44	13.94	4.52	14.50	4.20	15.43	3.66	16.00	3.39	16.17	3.06	16.15	2.57
	46	13.41	5.26	14.00	5.09	14.61	5.06	15.45	4.41	16.00	4.10	16.06	3.74	16.09	2.92
16 kW	40	10.48	4.17	11.13	4.26	12.23	4.48	14.12	4.50	15.34	4.59	16.05	4.77	16.06	3.61
	43	9.13	3.82	9.71	3.89	10.67	3.97	12.33	4.12	13.42	4.33	14.18	4.26	15.34	4.17
	46	7.02	3.08	7.48	3.15	8.24	3.23	9.56	3.31	10.43	3.49	10.97	3.41	12.06	3.53

# Air/water range selection guide

RANGE	WELLEA M HT	WELLEA WT MT	WELLEA S MT	WELLEA M MT	WELLEA M DF MT
					
Refrigerant	R290	R32	R32	R32	R32
Sizes	4-6-8-10-12-14-16	4-6-8-10-12-14-16	4-6-8-10-12-14-16	4-6-8-10-12-14-16	18-22-26-30
Link	Hydraulic	Refrigeration	Refrigeration	Hydraulic	Hydraulic
Water temperature	 75°C HIGH TEMPERATURE UP TO 75°C	 60°C MEDIUM TEMPERATURE UP TO 60°C	 60°C MEDIUM TEMPERATURE UP TO 60°C	 60°C MEDIUM TEMPERATURE UP TO 60°C	 60°C MEDIUM TEMPERATURE UP TO 60°C
<b>POWER SUPPLY</b>					
Single-phase	✔	✔	✔	✔	✖
Three-phase	✔	✔	✔	✔	✔
<b>ENERGY LABELS</b>					
Heating	A+++	A+++	A+++	A+++	A+++
Domestic hot water	✖	A+	✖	✖	✖
<b>FUNCTIONS</b>					
Heating	✔	✔	✔	✔	✔
Cooling	✔	✔	✔	✔	✔
Domestic hot water (DHW)	✔	✔	✔	✔	✔
<b>PROJECT</b>					
New	✖	✔	✔	✔	✖
Boiler replacement	✔	✔	✔	✔	✔
<b>INSTALLATION</b>					
Unit	Monoblock	Split	Split	Monoblock	Monoblock
Electric supply	✔	✔	✔	✔ ou ✔	✔
Anti-corrosion treatment	 GREEN FIN	 BLUE FIN	 BLUE FIN	 BLUE FIN	 BLUE FIN
<b>CONNECTABLE HEATERS</b>					
High-temperature radiators	✔	✖	✖	✖	✖
Low or medium temperature radiators	✔	✔	✔	✔	✔
Fan coils	✔	✔	✔	✔	✔
Underfloor heating	✔	✔	✔	✔	✔
<b>CONNECTED SERVICES</b>					
Remote control using the AirHome mobile application	✔	✔	✔	✔	✔
Compatible with our My Hybrid House by Airwell offer	✔	✔	✔	✔	✔

✔ Built-in    ✔ Optional