

+ PRODUCT

- RCW31 controller included
- Water temperature up to 75°C, ideal for renovated installation
- 3 kW or 9 kW electric back-up included⁽¹⁾

Connectivity



* Available in 2026 (with AirConnect 4.0).

Technology



User functions



Installer functions



Heating

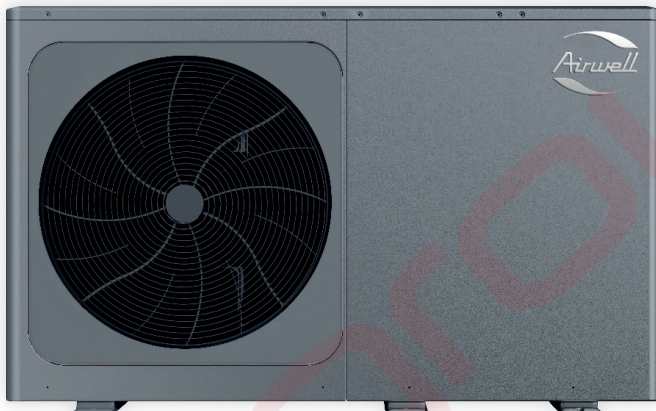


(1) Acoustic pressure of 4 kW model, free field directivity 1.
(2) Available with the Netatmo thermostat.
(2) Depending on model.

NEW

WELLEA M HT

Monoblock heat pump with R290 natural fluid



RCW31 included

+ SUSTAINABLE DEVELOPMENT

- Energy savings 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=0,02.

+ 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).
- Remote control via Netatmo thermostat.

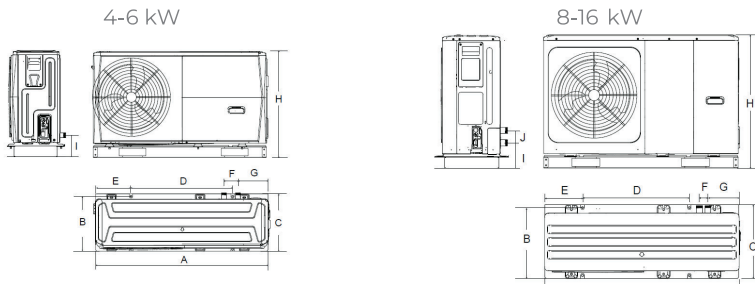
+ INSTALLER

- 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) à 5 m⁽³⁾.
- Operates in extreme temperatures thanks to a dedicated condensate tray.
- Maintains power even in cold weather.
- Class VI regulation with RCW31.

TECHNICAL DRAWS



DIMENSIONS (mm)

Model	A	B	C	D	E	F	G	H	I	J
4/6 I-W	1295	397	429	760	265	105	225	792	161	-
8/10/12/14/16 I-W	1385	482	526	760	270	60	221	945	182	81

Capacity tables

WELLEA M HT - Maximum heating capacity (without defrosting)

		LEAVING WATER TEMPERATURE (°C)													
		35		45		55		60		65		70		75	
MODEL	O ^{UT} T (°C)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)
4 l·W	-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 l·W	-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 l·W	-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 l·W	-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 l·W	-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 l·W	-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	4.26	11.40	4.96	11.30	5.38	11.24	5.75	10.74	5.96	10.07	5.74	9.48	5.93
	-5	11.27	3.99	11.58	4.92	11.12	5.21	10							

WELLEA M HT - Maximum heating capacity (without defrosting)

		LEAVING WATER TEMPERATURE (°C)													
		35		45		55		60		65		70		75	
MODEL	O ^{UT} T (°C)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)	Heat.C. (l·W)	P.input (l·W)
16 l·W	-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

		LEAVING WATER TEMPERATURE (°C)													
		5		7		10		15		18		20		25	
MODEL	O ^{UT} T (°C)	Cool.C. (l·W)	P.input (l·W)	Cool.C. (l·W)	P.input (l·W)	Cool.C. (l·W)	P.input (l·W)	Cool.C. (l·W)	P.input (l·W)	Cool.C. (l·W)	P.input (l·W)	Cool.C. (l·W)	P.input (l·W)	Cool.C. (l·W)	P.input (l·W)
4 l·W	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
	43	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 l·W	46	4.49	1.76	4.79	1.80	4.65	1.55	4.62	1.29	4.55	1.14	4.50	1.05	4.57	0.90
	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
8 l·W	43	4.86	1.80	5.19	1.84	5.70	1.89	6.51	1.96	6.43	1.62	6.51	1.59	6.45	1.29
	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
	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
10 l·W	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
	43	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
	46	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
	20	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
	25	7.81	1.91	8.33	1.93	9.15	1.96	9.67	1.68	9.89	1.52	10.03	1.43	10.05	1.18
	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
12 l·W	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
	43	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
	46	5.26	2.06	5.63	2.10	6.20	2.14	8.08	2.60	7.96	2.26	8.43	2.29	9.70	2.46
	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
14 l·W	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
	43	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
	46	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
	20	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
16 l·W	25	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
	30	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
	35	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
	40	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
	43	8.60	3.51	9.13	3.58	10.04	3.66	11.58	3.80	12.60	3.88	13.31	3.94	14.07	3.52
	46	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
18 l·W	20	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
	25	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
	30	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
	35	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
	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
20 l·W	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

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
Code	7MB140020	7MB140021	7MB140022	7MB140023	7MB140024	7MB140025	7MB140026	7MB140027	7MB140028	7MB140029
Phase	Single-phase				Single-phase			Three-phase		

HEATING MODE

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
	COP		5.15	4.90	5.00	4.70	4.80	4.50	4.40	4.80	4.50	4.40
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
	COP		3.10	2.95	3.00	2.85	2.80	2.70	2.50	2.80	2.70	2.50
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
	COP		2.95	2.95	3.18	3.10	3.05	2.95	2.85	3.05	2.95	2.85
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
	COP		1.95	2.00	2.05	2.00	2.05	2.05	2.00	2.05	2.05	2.00
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
	COP		2.94	2.82	2.98	2.82	2.88	2.77	2.68	2.88	2.77	2.68
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
	COP		2.57	2.47	2.67	2.55	2.63	2.51	2.43	2.63	2.51	2.43
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
	COP		2.10	1.95	2.15	2.05	2.01	1.97	1.92	2.01	1.97	1.92

COOLING MODE

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
	EER		5.50	5.10	5.15	4.75	4.50	4.20	3.90	4.50	4.20	3.90
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
	EER		3.65	3.10	3.45	3.25	3.05	2.90	2.75	3.05	2.90	2.75

PERFORMANCES

Energy label (average climate)	Water outlet at 35°C		A+++				A+++					
	Water outlet at 55°C		A++				A++					
Seasonal efficiency (average climate)	Water outlet at 35°C	%	200	193	204	200	184	182	180	184	182	180
	Water outlet at 55°C	%	149	150	150	150	142	141	140	142	141	140
SCOP (average climate)	Water outlet at 35°C		5.07	4.89	5.19	5.07	4.67	4.63	4.59	4.67	4.63	4.59
	Water outlet at 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
Sound level quiet mode	dB(A)		-	-	-	-	-	-	-	58	59	60
Sound pressure level quiet mode (1m)	dB(A)		-	-	-	-	-	-	-	43	44	48

OPERATING LIMITS

Outdoor air temperature	Cooling	°C	-5/46				-5/46					
	Heating	°C	-25/35				-25/35					
	Domestic hot water	°C	-25/46				-25/46					

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz		
Power cable section	mm ²	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 ²	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 ²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75

INSTALLATION AND OTHERS

Airflow	m³/h	2770	4030	4060	4650	4060	4650
Refrigerant/GWP		R290/0.02					
Charge	kg	0.7	1.1	1.25			
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		160/188	
Pipe diameter (water)	inches	R1"	R1"1/4	R1"1/4			