

Specifications

Model			AHPM-V4W/ D2N8-BE30	AHPM-V6W/ D2N8-BE30	AHPM-V8W/ D2N8-BE30	AHPM-V10W/ D2N8-BE30	AHPM-V12W/ D2N8-BE30
Power supply (voltage/phases/frequency)		(V/-/Hz)	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Heating (1) (A7/W35)	Capacity	kW	4.20	6.35	8.40	10.00	12.10
	COP	-	5.10	4.95	5.15	4.95	4.95
Heating (2) (A7/W45)	Capacity	kW	4.30	6.30	8.10	10.00	12.30
	COP	-	3.80	3.70	3.85	3.75	3.70
Cooling (3) (A35/W7)	Capacity	kW	4.70	7.00	7.45	8.20	11.50
	EER	-	3.45	3.00	3.35	3.25	2.75
Cooling (3) (A35/W18)	Capacity	kW	4.50	6.50	8.30	9.90	12.00
	EER	-	5.50	4.80	5.05	4.55	3.95
Electric heater power		kW	3	3	3	3	3
Seasonal energy efficiency class (4)	Water inlet temperature 35°C	-	A+++	A+++	A+++	A+++	A+++
	Water inlet temperature 55°C	-	A++	A++	A++	A++	A++
Outdoor temperature range	Cooling	°C	-5~43	-5~43	-5~43	-5~43	-5~43
	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35
	Domestic hot water	°C	-25~43	-25~43	-25~43	-25~43	-25~43
Water inlet temperature range	Cooling	°C	5~25	5~25	5~25	5~25	5~25
	Heating	°C	25~65	25~65	25~65	25~65	25~65
	Domestic hot water	°C	20~60	20~60	20~60	20~60	20~60
Sound power level		dB(A)	55	58	59	60	65
Sound pressure level (5)		dB(A)	45.0	47.5	48.5	50.5	53.5
Outdoor fan	Motor type/no. of fans	-	DC/1	DC/1	DC/1	DC/1	DC/1
Refrigerant (type/charge)		-/kg	R32/1.4	R32/1.4	R32/1.4	R32/1.4	R32/1.75
Dimensions (length/height/depth)		mm	1295×718×429	1295×718×429	1385×865×526	1385×865×526	1385×865×526
Transport dimensions (length/height/depth)		mm	1375×885×475	1375×885×475	1465×1035×560	1465×1035×560	1465×1035×560
Net/gross weight		kg	86/107	86/107	105/132	105/132	129/155

(1) DB/WB 7/6°C, LWT 35°C ($\Delta T = 5^\circ\text{C}$)

(2) DB/WB 7/6°C, LWT 45°C ($\Delta T = 5^\circ\text{C}$)

(3) DB 35°C, LWT 18°C ($\Delta T = 5^\circ\text{C}$)

(4) Seasonal space heating energy efficiency class tested in average climate conditions.

(5) Sound pressure level measured at a distance of 1 m from the unit and $(1+H)/2\text{m}$ (where H is the height of the unit) above the floor in the semi-anechoic chamber.

The sound pressure level is tested in the following conditions:

Outdoor air temperature 7°C DB, 85% R.H.; inlet water temperature 30°, outlet water temperature 35°C.

Outdoor air temperature 7°C DB, 85% R.H.; inlet water temperature 47°, outlet water temperature 55°C.

Related standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811/2013; (EU) No 813/2013; OJ 2014/C 207

AHPM-V14W/ D2N8-BE30	AHPM-V16W/ D2N8-BE30	AHPM-V12W/ D2RN8-BER90	AHPM-V14W/ D2RN8-BER90	AHPM-V16W/ D2RN8-BER90	AHPM-V18W/ D2RN8	AHPM-V22W/ D2RN8	AHPM-V26W/ D2RN8	AHPM-V30W/ D2RN8
220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
14.50	15.90	12.10	14.50	15.90	18.00	22.00	26.00	30.10
4.60	4.50	4.95	4.60	4.50	4.70	4.40	4.08	3.91
14.10	16.00	12.30	14.10	16.00	18.00	22.00	26.00	30.00
3.60	3.50	3.70	3.60	3.50	3.50	3.40	3.10	2.90
12.40	14.00	11.50	12.40	14.00	17.00	21.00	26.00	29.50
2.50	2.50	2.75	2.50	2.50	3.05	2.95	2.70	2.55
13.50	14.90	12.00	13.50	14.90	18.50	23.00	27.00	31.00
3.60	3.40	3.95	3.60	3.40	4.75	4.60	4.30	4.00
3	3	3/6/9	3/6/9	3/6/9	-	-	-	-
A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A++
A++	A++	A++	A++	A++	A++	A++	A+	A+
-5~43	-5~43	-5~43	-5~43	-5~43	-5~46	-5~46	-5~46	-5~46
-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43
5~25	5~25	5~25	5~25	5~25	5~25	5~25	5~25	5~25
25~65	25~65	25~65	25~65	25~65	25~60	25~60	25~60	25~60
20~60	20~60	20~60	20~60	20~60	30~60	30~60	30~60	30~60
65	68	65	65	68	71	73	75	77
54	58	53.5	54	58	57.6	59.8	61.5	63.5
DC/1	DC/1	DC/1	DC/1	DC/1	DC/2	DC/2	DC/2	DC/2
R32/1.75	R32/1.75	R32/1.75	R32/1.75	R32/1.75	R32/5	R32/5	R32/5	R32/5
1385×865×526	1385×865×526	1385×865×526	1385×865×526	1385×865×526	1129×1558×440	1129×1558×440	1129×1558×440	1129×1558×440
1465×1035×560	1465×1035×560	1465×1035×560	1465×1035×560	1465×1035×560	1220×1735×565	1220×1735×565	1220×1735×565	1220×1735×565
129/155	129/155	144/172	144/172	144/172	177/206	177/206	177/206	177/206