

EHS ClimateHub Mono



- Integrated solution for heating and domestic hot water
- Compact unit size with large water tank (200L & 260L)
- Intuitive, colour screen touch controller in multiple languages
- Energy monitoring through touch controller
- Smooth servicing through the front-mounted service window

- PV and Smart Grid ready
- 2-zone control, suitable for floor heating and radiators
- SCOP rating of A+++*
- SmartThings compatible with optional Wi-Fi kit
- Backup heater is included to ensure continuous heating



		Indoor Unit		AE200RNWMEG/EU	AE200RNWMEG/EU	AE200RNWMEG/EU	AE200RNWMEG/EU	
		Outdoor Unit		AE050RXYDEG/EU	AE080RXYDEG/EU	AE120RXYDEG/EU	AE160RXYDEG/EU	
		Controller		MWR-WW10N	MWR-WW10N	MWR-WW10N	MWR-WW10N	
System	Operation	Nominal Capacity	Heating A7/W35 ¹ / A7/W55 ²	W	5.000/4.300	8.000/7.100	12.000/11.300	16.000/15.000
			Cooling A35/W18 ¹	W	5.000	7.500	12.000	14.000
	Power Input (Nominal)		Heating A7/W35 ¹ / A7/W55 ²	W	1.030/1.520	1.770/2.530	2.650/3.730	3.620/5.180
			Cooling A35/W18 ¹	W	1.140	1.900	2.770	3.280
		COP (Nominal Heating) A7/W35 ¹ / A7/W55 ²	W/W	4,85/2,83	4,52/2,81	4,53/3,03	4,42/2,90	
		EER (Nominal Cooling) A35/W18 ¹	W/W	4,39	3,95	4,33	4,27	
		SCOP LWT 35°C/ 55°C	W/W	4,46/3,2	4,44/3,23	4,69/3,51	4,48/3,53	
		Average Seasonal Space Heating Eff. Class ** LWT 35°C/ 55°C	-	A+++/A++	A+++/A++	A+++/A++	A+++/A++	
	Current	MCA	A	16,00	22,00	28,00	32,00	
			A	20,00	27,50	35,00	40,00	
	Water Flow Rate	Min	l/min	7,00	7,00	12,00	12,00	
		Max	l/min	48,00	48,00	58,00	58,00	
	Leaving Water Temperature ³	Heating	°C	15-65	15-65	15-65	15-65	
		Cooling	°C	5-25	5-25	5-25	5-25	
	Functions	Smart Grid Ready	-	•	•	•	•	
PV Enabled		-	•	•	•	•		
2-Zone Control		-	•	•	•	•		
Tank Integrated Hydro Unit	Power Supply	Φ, #, V, Hz		1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	1Φ, 2, 220-240V, 50Hz	
	Water Tank Volume	litres		200	200	200	200	
	Declared Load Profile	L/XL		L	L	L	L	
	Energy Efficiency Class	-		A	A	A	A	
	Sound	Sound Pressure ⁴	Heating/ Cooling Std	dB(A)	26	26	30	30
		Sound Power	Heating Std	dB(A)	40	40	44	44
	Dimensions	Net Weight		kg	130,0	130,0	130,0	130,0
Net Dimensions (WxHxD)			mm	595x1800x700	595x1800x700	595x1800x700	595x1800x700	
Outdoor Unit	Power Supply	Φ, V, Hz		1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	
	Compressor	Type	-	BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary	BLDC Twin Rotary	
	Base Heater		-	-	•	•	•	
	Sound	Sound Pressure ⁴	Heating Std	dB(A)	45	48	50	52
			Cooling Std	dB(A)	45	48	50	54
		Sound Power	Heating Std	dB(A)	61	63	64	66
			Cooling Std	dB(A)	62	64	65	68
	Dimensions	Net Weight		kg	58,5	76,0	110,0	110,0
		Net Dimensions (WxHxD)		mm	880 x 798 x 310	940 x 998 x 330	940 x 1,420 x 330	940 x 1,420 x 330
	Refrigerant	Type		-	R32	R32	R32	R32
		These products contain R32 (GWP=675) which is fluorinated greenhouse gas.						
		Factory Charging	tCO ₂ e		0,68	0,78	1,49	1,49
	Piping	Water Pipe (Space Heating)	Inlet/ Outlet	Φ, mm	28/28	28/28	28/28	28/28
Water pipe (DHW)		Inlet/ Outlet	Φ, mm	22/22	22/22	22/22	22/22	
Operation	Ambient Temperature	Heating	°C	-25-35	-25-35	-25-35	-25-35	
		Cooling	°C	10-46	10-46	10-46	10-46	
		DHW	°C	-25-43	-25-43	-25-43	-25-43	

* A+++ energy label is available according to EU No. 811/2013 label classification 2019, on a scale from D to A+++ ¹ A2W Condition : (Heating) Water In/Out 30°C/35°C, Outdoor Air 7°C[DB]/6°C[WB]; (Cooling) Water In/Out 23°C/18°C, Outdoor Air 35°C[DB]. ² A2W Condition : (Heating) Water In/Out 47°C/55°C, Outdoor Air 7°C[DB]/6°C[WB]. ³ 65°C down to +10°C (max. 60°C down to -5°C) ⁴ Sound pressure level is obtained in an anechoic room. Sound pressure level is a relative value, depending on the distance and acoustic environment. Sound pressure level may differ depending on operation conditions.

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		Indoor Unit		AE260RNWMGG/EU	AE260RNWMGG/EU	AE260RNWMGG/EU	
		Outdoor Unit		AE080RXVDGG/EU	AE120RXVDGG/EU	AE160RXVDGG/EU	
		Controller		MWR-WW10N	MWR-WW10N	MWR-WW10N	
System	Operation	Nominal Capacity	Heating A7/W35 ¹ / A7/W55 ²	W	8.000/7100	12.000/11.300	16.000/15.000
			Cooling A35/W18 ¹	W	7.500	12.000	14.000
	Power Input (Nominal)	Heating A7/W35 ¹ / A7/W55 ²	W	1.770/2.530	2.650/3.730	3.620/5.180	
			Cooling A35/W18 ¹	W	1.900	2.770	3.280
	COP (Nominal Heating) A7/W35 ¹ / A7/W55 ²	W/W		4,52/2,81	4,53/3,03	4,42/2,90	
		EER (Nominal Cooling) A35/W18 ¹	W/W		3,95	4,33	4,27
	SCOP LWT 35°C/ 55°C		W/W		4,44/3,23	4,69/3,51	4,48/3,53
		Average Seasonal Space Heating Eff. Class ** LWT 35°C/ 55°C	-		A+++/A++	A+++/A++	A+++/A++
	Current		MCA	A	10,00	10,00	12,00
		MFA	A	16,10	16,10	16,10	
	Water Flow Rate	Min	l/min	7,00	12,00	12,00	
		Max	l/min	48,00	58,00	58,00	
	Leaving Water Temperature ³	Heating	°C	15-65	15-65	15-65	
		Cooling	°C	5-25	5-25	5-25	
	Functions	Smart Grid Ready	-	•	•	•	
PV Enabled		-	•	•	•		
2-Zone Control		-	•	•	•		
Tank Integrated Hydro Unit	Power Supply	Φ, #, V, Hz		3Φ,4,380-415,50Hz	3Φ,4,380-415,50Hz	3Φ,4,380-415,50Hz	
	Water Tank Volume	litres		260	260	260	
	Declared Load Profile	L/XL		XL	XL	XL	
	Energy Efficiency Class	-		A	A	A	
	Sound	Sound Pressure ⁴	Heating/ Cooling Std	dB(A)	26	30	30
		Sound Power	Heating Std	dB(A)	40	44	44
	Dimensions	Net Weight	kg		140,0	140,0	140,0
Net Dimensions (WxHxD)		mm		595x1800x700	595x1800x700	595x1800x700	
Outdoor Unit	Power Supply	Φ, V, Hz		3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	
	Compressor	Type		-	BLDC Twin Rotary	BLDC Twin Rotary	
	Base Heater	-		•	•	•	
	Sound	Sound Pressure ⁴	Heating Std	dB(A)	48	50	52
			Cooling Std	dB(A)	48	50	54
		Sound Power	Heating Std	dB(A)	63	64	66
			Cooling Std	dB(A)	64	65	68
	Dimensions	Net Weight	kg		75,0	111,0	111,0
		Net Dimensions (WxHxD)	mm		940 x 998 x 330	940 x 1,420 x 330	940 x 1,420 x 330
	Refrigerant	Type		-	R32	R32	R32
		These products contain R32 (GWP=675) which is fluorinated greenhouse gas.					
		Factory Charging	tCO ₂ e	kg	0,78	1,49	1,49
Piping	Water Pipe (Space Heating)	Inlet/ Outlet	Φ, mm	28/28	28/28	28/28	
	Water pipe (DHW)	Inlet/ Outlet	Φ, mm	22/22	22/22	22/22	
Operation	Ambient Temperature	Heating	°C	-25-35	-25-35	-25-35	
		Cooling	°C	10-46	10-46	10-46	
	DHW	°C	-25-43	-25-43	-25-43		

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