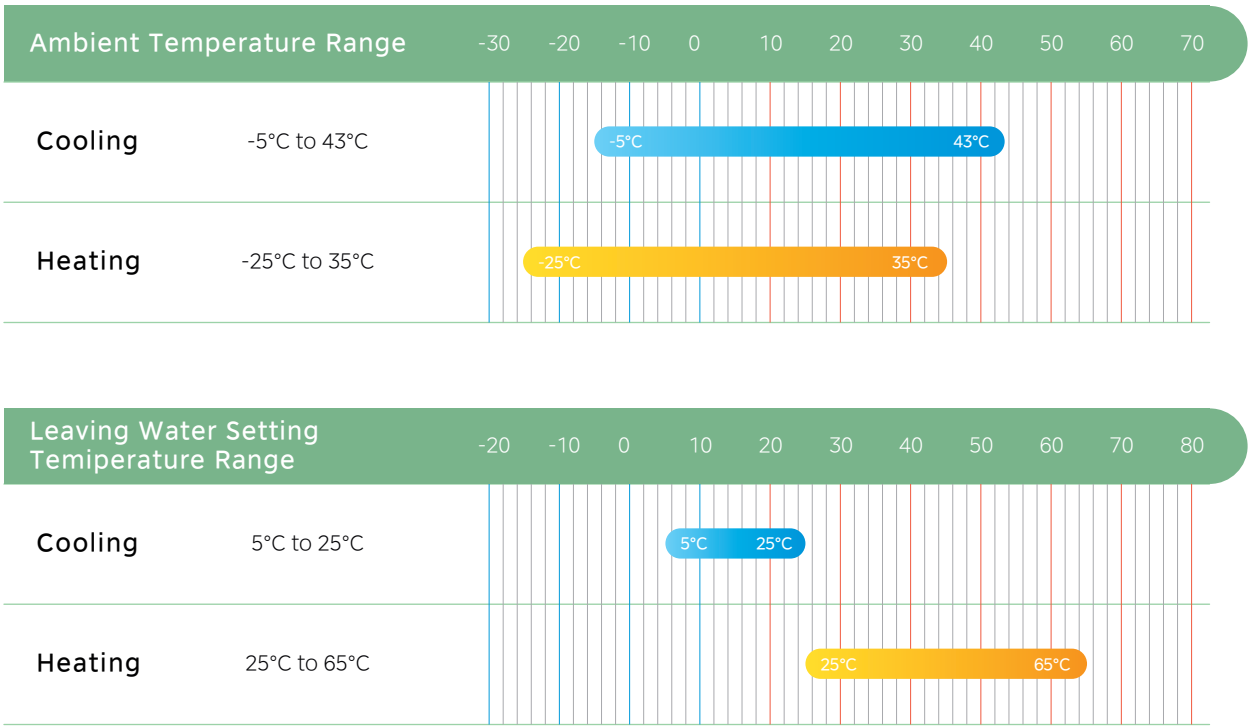


3200 Series AS3211

Product Lineup

Structure Type		5	7	9	12	14	16
Power supply	220-240V~50Hz	✓	✓	✓	✓	✓	✓
	380-415V~3N-50Hz				✓	✓	✓
Appearance							

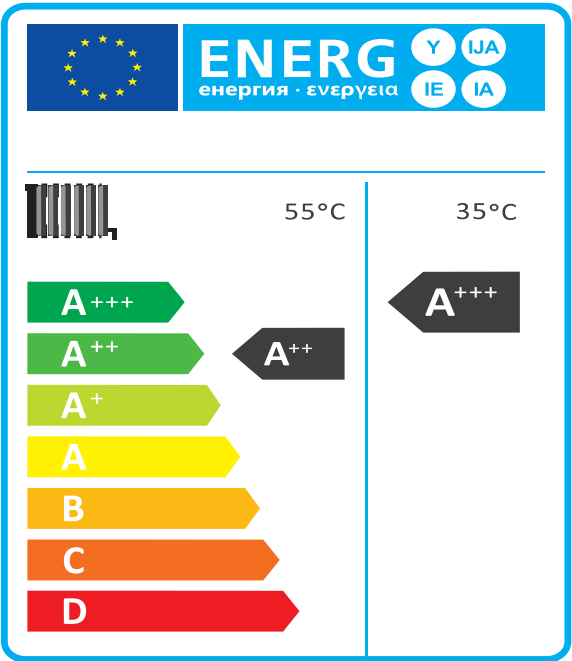
Wide Application Range



High Energy Level

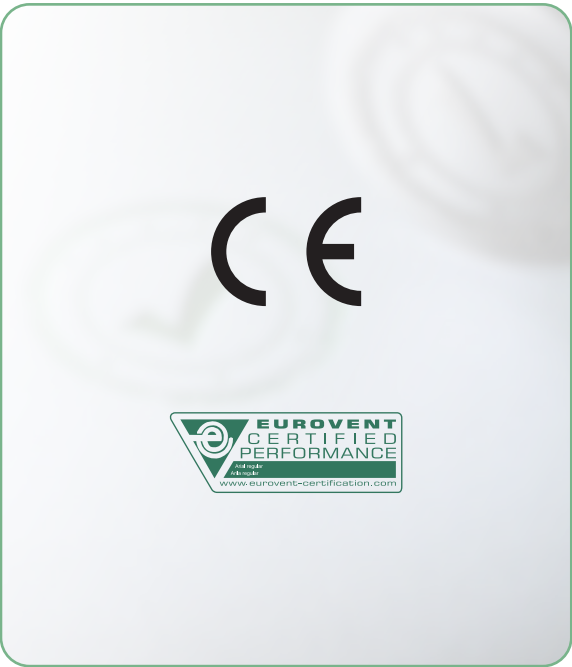
ERP Directive*
ηs. Seasonal space heating energy efficiency
ηs average up to **A+++** at 35°C
ηs average up to **A++** at 55°C

*This is high rating for energy-efficient products in the European market, ensuring our customers benefit from high performance at an economical cost.



Authoritative Certification

3200 Series AS3211 have received numerous certifications, demonstrating its superior quality, safety, energy efficiency, and environmental compliance.

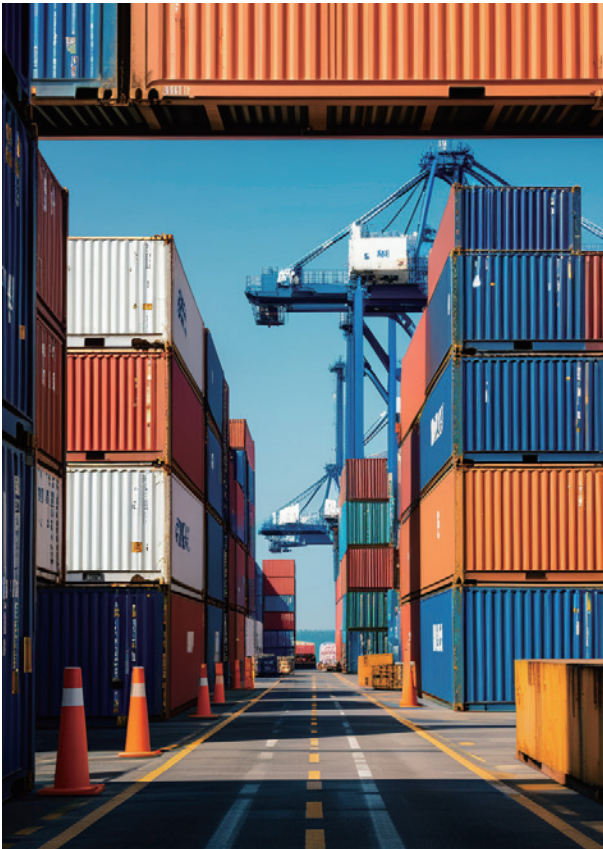


Small Size Design

The heat pump machine occupies only 0.4m², making it easy to transport and significantly saving installation space. Its compact design reduces the need for modifications to the building structure and offers users more layout options.

Compact

Mini size (0.4 m³)
Container-carrying capacity optimization
(For reference: 80 units within one 40HQ container)



Lighter

Easier for human transport
Transportation cost saving



Flexible

Smaller floor space (0.4m²)
Idea for hotels or replacement project.



Specifications

Model			MGC-V5W D2N8-B	MGC-V7W D2N8-B	MGC-V9W D2N8-B	MGC-V12W D2N8-B	MGC-V14W D2N8-B	MGC-V16W D2N8-B	MGC-V12W D2RN8-B	MGC-V14W D2RN8-B	MGC-V16W D2RN8-B
Power supply		V/Ph/Hz	220-240/1/50			220-240/1/50			380-415/3/50		
Heating ¹	Capacity	W	6500	8400	10000	12200	14100	16000	12200	14100	16000
	Rated input	W	1226	1663	2128	2490	3000	3556	2490	3000	3556
	COP		5.3	5.05	4.7	4.9	4.7	4.5	4.9	4.7	4.5
Heating ²	Capacity	W	6600	8500	10200	12500	14500	16200	12500	14500	16200
	Rated input	W	1650	2237	2795	3378	4085	4696	3378	4085	4696
	COP		4.00	3.80	3.65	3.70	3.55	3.45	3.70	3.55	3.45
Heating ³	Capacity	W	6300	8200	9400	12000	14000	16000	12000	14000	16000
	Rated input	W	1969	2603	3032	4000	4746	5614	4000	4746	5614
	COP		3.2	3.15	3.1	3	2.95	2.85	3	2.95	2.85
Cooling ⁴	Capacity	W	6500	8300	10000	12200	13900	15400	12200	13900	15400
	Rated input	W	1275	1711	2326	2652	3159	3667	2652	3159	3667
	EER		5.1	4.85	4.3	4.6	4.4	4.2	4.6	4.4	4.2
Cooling ⁵	Capacity	W	5500	7400	9000	11600	13400	14000	11600	13400	14000
	Rated input	W	1692	2349	3103	3742	4573	4828	3742	4573	4828
	EER		3.25	3.15	2.90	3.10	2.93	2.90	3.10	2.93	2.90
Seasonal space heating energy efficiency class ⁶	Water outlet at 35°C		A+++			A+++					
	Water outlet at 55°C		A++			A++					
Refrigerant	Type (GWP)		R32(675)			R32(675)					
	Charged weight	kg	1.25			1.8					
ErP sound power level ⁷		dB	60	63	65	70	72	72	70	72	72
Net dimension (W×H×D)		mm	1040×865×410			1040×865×410					
Packing dimension (W×H×D)		mm	1190×970×560			1190×970×560					
Net/Gross weight		kg	87/103			106/122			120/136		
water pump	Max.pump head	m	9			9					
Water piping connection		mm	G1"BSP			G1"BSP					
Outdoor air temperature range	Cooling	°C	-5~43			-5~43					
	Heating	°C	-25~35			-25~35					
Water setting temperature range	Cooling	°C	5~25			5~25					
	Heating	°C	25~65			25~65					

Note:

1. Outdoor air temperature 7°C DB, 6°C WB; Water inlet 30°C, Water outlet 35°C

2. Outdoor air temperature 7°C DB, 6°C WB; Water inlet 40°C, Water outlet 45°C.

3. Outdoor air temperature 7°C DB, 6°C WB; Water inlet 47°C, Water outlet 55°C.

4. Outdoor air temperature 35°C DB; Water inlet 23°C, Water outlet 18°C.

5. Outdoor air temperature 35°C DB, Water inlet 12°C, Water outlet 7°C.

6. Seasonal space heating energy efficiency class testes in average climate general conditions.

7.Testing standard: EN12102-1.

8. Relevant EU standards and legisatiOn: ENI451, ENI4825: EN50564: ENI2102: (EU) NO 8/2013:(EU) NO 813/2013: OJ 2014/C 207/02:2014