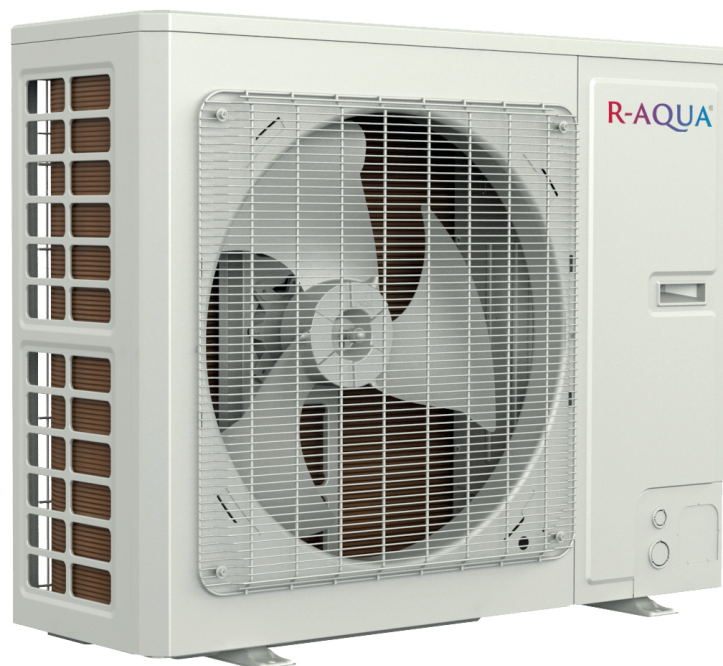


- R-AQUA
- Air/water split
- Outdoor unit
- R32



A+++

A++

A2W inverter outdoor units R32 type CGW-OU A1

Outdoor unit for air/water heat pump with refrigerant R32 and a DC inverter controlled compressor, to be used in combination with a hydromodule type **CGW-IU A1** or **CGW-ID A1** (with integrated water heater). The DC rotary compressor guarantees an economical, quiet operation and a long service life.

This outdoor unit is only sold as a set in combination with the indoor unit **CGW-IU A1** or **CGW-ID A1**

CGW-IU A1: 6, 8, 10, 12, 14 and 16 kW

CGW-ID A1: 6, 8, 10, 12, 14 and 16 kW

Brand

- R-AQUA

Composition

- Integrated outside temperature sensor
- DC inverter-controlled two-stage compressor with gas injection
- DC fan motor
- Gold Fin condenser

Refrigerant

- R32

Specifications

- Split system
- Robust and compact
- Easy installation
- Valve protection
- Operating range in cooling at outdoor temperatures from +10°C to +48°C
- Operating range in heating at outdoor temperatures from -25°C to +35°C

Accessories

- Anti-vibration mounting blocks, type **MPRH**
- Insulated copper pipes, type **P-COIL**
- Wall support in metal, type **WBA**
- Wall support in stainless steel, type **WBI**

Applicable indoor units

- Hydromodule, type **CGW-IU A1**
- Hydromodule with integrated water heater, type **CGW-ID A1**

Startup

- Start up by **CAIROX BELGIUM** strongly recommended

		Technical data					
Technical specifications		CGW-OU 06 A1	CGW-OU 08 A1	CGW-OU 10 A1	CGW-OU 12 A1	CGW-OU 14 A1	CGW-OU 16 A1
Refrigerant (GWP)		R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Maximum air flow rate	m ³ /h	3200	3300	3300	5014	5014	5014
Power supply	V / Ph / Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Rated current (H/C)	A	10,0/11,0	13,5/20,0	15,0/22,0	17,8/25,6	20,9/28,7	22,6/30,3
Compressor power input	kW	1,23	2,14	2,14	3,25	3,25	3,25
Compressor type		Inverter rotary	Inverter rotary	Inverter rotary	Inverter rotary	Inverter rotary	Inverter rotary
Sound power level*	dB	62	67	68	68	68	68
Sound pressure level @ 1m*	dB(A)	52	55	55	57	58	58
Sound pressure level @ 5m**	dB(A)	40	45	46	46	46	46
Dimensions (L x D x H)	mm	975x396x702	982x427x787	982x427x787	940x460x820	940x460x820	940x460x820
Weight	kg	55	82	82	104	104	104
Refrigerant pipes (liquid - gas)	inch	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Amount of prefilled refrigerant	g (CO ₂ eq-T)	1100 (0,74)	1840 (1,242)	1840 (1,242)	1840 (1,242)	1840 (1,242)	1840 (1,242)
Extra amount of refrigerant per meter	g/m	16	16	16	16	16	16
Number of prefilled meters	m	10	10	10	10	10	10
Maximum length/height of refrigerant pipes	m/m	20/15	25/15	25/15	25/15	25/15	25/15
Minimum length of refrigerant pipes	m	5	5	5	5	5	5
Operating temperature in cooling	°C	+10 ~ +48	+10 ~ +48	+10 ~ +48	+10 ~ +48	+10 ~ +48	+10 ~ +48
Operating temperature in heating	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
Operating temperature DHW	°C	-25 ~ +45	-25 ~ +45	-25 ~ +45	-25 ~ +45	-25 ~ +45	-25 ~ +45
Power supply cable section	mm ²	3G2,5	3G4	3G4	3G6	3G6	3G6
Automatic fuse (slow)	A	16	25	25	32	32	32

Specifications and design can be modified for further improvement without prior notice

* Measured according to EN12102

** Lp measured at 5m in free field (Q=2)