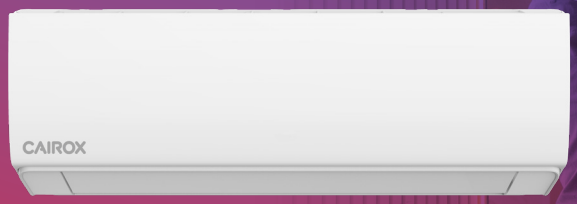
CAIROX

REFRIGERANT R32

R - 4LIVING

Air/Air Heat Inverter
Heat Pumps with R32

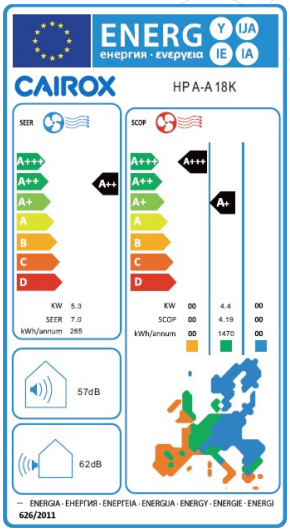
The intelligent answer for Comfort living !



www.cairox.com

AIR/AIR HEAT PUMP WITH R32

Our R-4Living air conditioner uses the newest inverter technology, which guarantees failure-free and efficient operation.
We ensure high energy efficiency which leads to lower operating costs and a long lifetime of the units.



Indoor unit - HP A-A 12K

Outdoor unit - HP A-A 18K

APPLICATION

- Cooling of new or existing homes
- Heating of new or existing homes

OPERATING RANGE

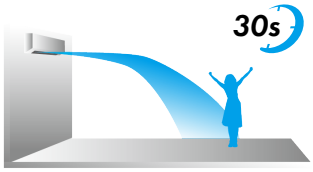
Cooling: 16° C ⟷ 50° C

Heating: -15° C ⟷ 30° C

QUICK RESPONSE

Whenever it is necessary to create comfort in time, a fast cooling in 30s and a powerful heating in 60s can be provided.

Start from 65Hz



WI-FI CONTROL

All R-4Living models are equipped as standard with a smart WIFI control system.

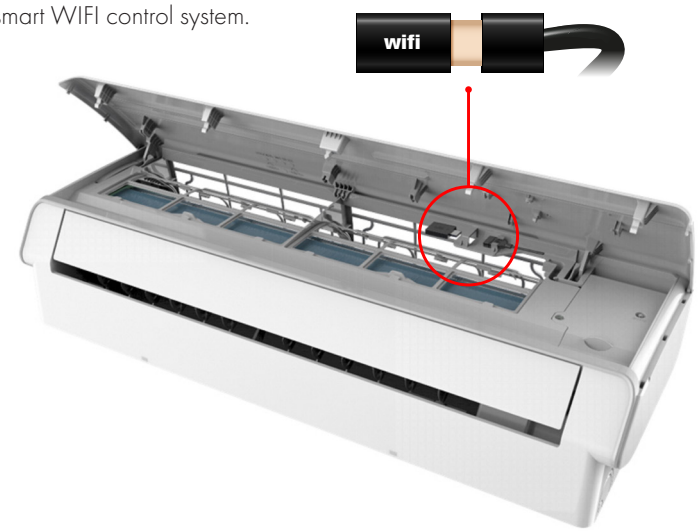
Control via smartphone or tablet

- Control remotely
- User-friendly menu
- Suitable for Apple & Android

Standard remote control is also included

GET IT ON Google Play

Download on the App Store



SPECIFICATIONS

COMFORT

STURDY DOUBLE AIR LOUVER

This air louver creates comfort by an upper and lower air outlet.

INCREASED AIR THROW

The fin type is specially shaped to achieve an optimized air outlet and thus increased air throw.

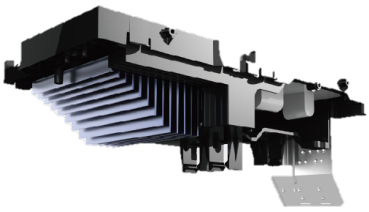
LATEST TECHNOLOGIES

QUALITY COMPONENTS FOR A ROBUST PRODUCT

- New inverter system
- Super compressor (130 – 270V)
- Fluoride leakage protection
- Multiple protection insects, dust, etc.

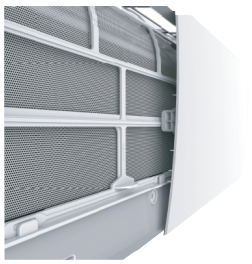
PROVED TECHNOLOGY

Outdoor inverter electric control box uses a special design. It has been proved by 2H rainstorm simulation test.



HIGH DENSITY FILTER

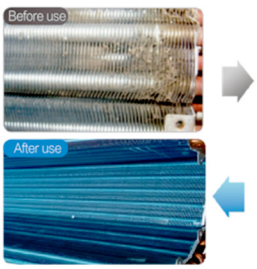
The dense filter is reinforced to make it more suitable for air conditioning while avoiding dust.



INTELLIGENCE

BETTER IAQ WITH SELF CLEANING

Heat exchanger starts the auto cleaning by frosting and defrosting, preventing indoor bacteria and creating healthier air.

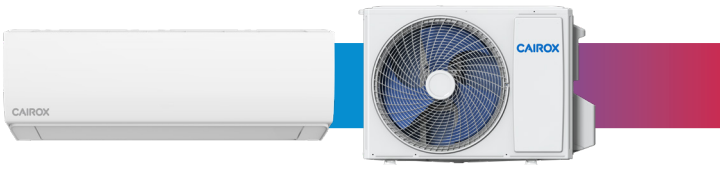


ENERGY SAVING WITH AUTOMATIC DEFROST

Automatic defrost start in case of temperature changes, resulting in energy savings of 5%.

SPLIT SYSTEM

INDOOR / OUTDOOR UNIT



		HP A-A 12K	HP A-A 18K
Power Supply	V / ph / Hz	220v-240v / 1 / 50	
Pdesign-cooling (kW)	kW	3,5	5,3
Pdesign-heating (kW)-**average**	kW	2,7	4,4
Annual power consumption-cooling	(kwh/a)	198	265
Annual power consumption-heating -**average**	(kwh/a)	938	1470
GWP		675	675
Pdesign-heating (kW)-**warmer**	kW	3,4	5
Annual power consumption-heating -**warmer**	(kwh/a)	914	1321
Cooling Capacity	(BTU/H)	11942	18084
Cooling Capacity	kW	3.5(0.8-4.1)	5.3(1.3-5.9)
Heating Capacity	(BTU/H)	12966	19107
Heating Capacity	kW	3.8(1.0-4.2)	5.6(1.3-6.0)
Cooling Current	A	5.6(0.7-7.8)	7.5(2.2-9.3)
Heating Current	A	4.9(1.5-8.0)	7.0(2.0-8.0)
Cooling Input	kW	1.18(0.1-1.6)	1.58(0.29-2.1)
Heating Input	kW	1.10(0.3-1.6)	1.55(0.25-1.8)
Dehumidification capacity	L/h	1	1,6
SEER Cooling	-	6,19	7
SEER energy class	-	**A++**	**A++**
SCOP Heating-**average**	-	4,03	4,19
SCOP energy class-**average**	-	A+	A+
SCOP Heating-**warmer**	-	5,2	5,3
SCOP energy class-**warmer**	-	**A+++**	**A+++**
Max. Input Current	A	9,5	12
Max. Input Power	kW	1,9	2,4
Max. Discharge Pressure	Mpa	4,3	4,3
Max. Suction Pressure	Mpa	2,5	2,5
Refrigerant	-	R32	R32
Refrigerant Quantity	Kg	0,56	1,03
Precharged Quantity of Refrigerant	G (TCO^2eq)	0,38	0,7
Air Flow Volume - indoor-multi speed	m^3/h	600/550/500/400	850/730/650/550
Air Flow Volume - indoor	m^3/h	600	850
Air Flow Volume - outdoor	m^3/h	1800	2600
Indoor/Outdoor Unit Sound Power	dB(A)	53/62	57/62
Indoor Unit Net Weight	kg	8,5	11,5
Outdoor Unit Net Weight	Kg	22,5	28
Dimension indoor unit	mm	788*292*198	940×316×224
Dimension ourdoor unit	mm	705*279*530	785*300*555
Indoor Electric Shock Prevention	-	Class I	Class I
Indoor Water-proof Class	-	IPX0	IPX0
Outdoor Water-proof Class	-	IPX4	IPX4
Max pipe length	m	20	25
Max installation fall	m	10	15
Additional added gas charge per meter added copper pipe	g	15	25
Max pipe length for pre-charge gas	m	7	7
Ambient Temp-cooling	°C	16~49	16~49
Ambient Temp-heating	-	-15~30	-15~30

Nom de l'entreprise
Addresse
Site internet
Tél.

Logo of company