

Portable Air Conditioners sell like never before - we have tested them

Here it is not to stay out - the summer's cold rescuers are soon sold out



PHOTO: PETER WIXTRÖM

The only portable Air Conditioners that stand out in terms of design are the devices from Dyson. The others look most like washing machines.

av [Peter Pettersson](#)

[TESTER](#) i dag 08:06

How to prepare for the summer.

You remember well last year's hot and long summer.

No wonder Air Conditioners are selling well already.

The Aftonbladet has tested the best portable Air Conditioners



Last year's super heat led to all Air Conditioners and fans selling out. Everywhere.

It seems that many remember it. Not least they remember the heat. Indoor temperatures of over 30 degrees are nothing we are used to in Sweden.

The fact that people remember is impacting the sales of Air Conditioners. Several manufacturers have sold out and have ordered more goods. And then the summer hasn't started yet and the spring so far has been quite cool. Most units in high

demand are the portable air conditioners. There is demand also for more advanced fixed installations of air conditioning.

Air conditioning sells - in winter.

- Normally we usually do heat pumps during the winter. But this year, for the first time, we have been full with installations of air conditioning at home for those who can afford such things, "says Felix Berglund, owner of the Luftmiljöbutiken in business in the industry for 20 years.

Air conditioning is about moving heat from one place to another. If an Air Conditioner is to produce cold, the heat must be released elsewhere. For portable Air Conditioners, it is done with a hose that is led out through a window or a balcony / patio door.

Much to think about

Although it may be tempting to connect the exhaust hose to the ventilation of the home, it is not a good idea. Ventilation in homes does not have the capability to absorb the heat. It can instead lead to condensation in the ventilation system.



PHOTO: PETER WIXTRÖM

In order for the air conditioning to be able to produce cold, the warm air has to go somewhere. The hose may be led out through a window or balcony / patio door.

The plastic accessory pieces that come with a portable air conditioning are more made for window types that are common in southern Europe and in the US. With Swedish building standards, it is often scarce to get the hose out through a window.

The different Air Conditioners can handle various sizes of rooms. But it's not just the floor surface that plays.

- The size and number of windows in the place. Modern houses with windows from floor to ceiling may need considerably more powerful Air Conditioners than the floor surface shows, says Felix Berglund.

Beware: otherwise it will be damp

There are also other solutions for cooling rooms. In the test we have air coolers that spread refrigerated air. Cooler air is created with cold water.

They can be alternatives if you have good airflow.

- But if you put one in the bedroom and close the door, it will not only be warm but damp, too, says Felix Berglund.



PHOTO: PETER WIXTRÖM

The future-proof device from British Dyson can both heat and cool while cleaning the air. And it actually works to decorate the home.

BTU AND GWP – WE EXPLAIN THE CONCEPTS

BTU stands for British thermal unit which is defined as the heat energy required to raise the temperature of 1 pound (0.454 kg) water 1 degree Fahrenheit from 39 to 40 ° F. 1 Btu \approx 1,055.1 joules. The higher the value, the greater the capacity.

► **GWP stands for Global Warming Potential. Equipment containing refrigerants with a GWP factor of 2500 or higher (for example, R410A) must not be installed after 2020.**

► **However, regenerated or recycled refrigerant may be used until 2030.**

FACT

Then we tested

We have tested the units in three different rooms in a single-storey villa.

► One bedroom of 15 square meters, a kitchen of 25 square meters and in an L-shaped living room of 39 square meters with seven larger windows.

► The noise levels have been measured with the app Noise developed by the Swedish Work Environment Authority and measurements have been made at the lowest and highest fan speed. The noise value in fact is measured with the fan at max (10).



PHOTO: PETER WIXTRÖM

A proper Air Conditioner takes a little space. They are 70-80 centemers tall and also need proximity to a window or a balcony / balcony door to let out the warm air.

TEST



Dyson Pure Cool Me

GOOD FOR ALLERGIES

Price: From 3 690 kr. (Sek)

Find at: Elgiganten, Mediamarkt, Dyson, NK, med flera.

PART TORQUE

Function: +++

Use: ++

Economy: +++

Opinion: This is a personal fan and air purifier. If it is really hot, it circulates hot air and you will not cool off. But fans do it and it also cleans the air around you (99.97 percent of all allergens down to 0.3 microns (μm)). At normal operation (2-3), the noise drops to about 28 dBa. The filters cannot be washed, but must be replaced after about 4,000 hours. Can be controlled via the app.

Overall Rating.: ++

FACT

Dyson Pure Cool Me

Fan: Fan, Aircooler.

Max room size: No specivied value

Cooling capacigty: -.

Air flow: 580 m³/h.

Cooling effect: -.

Cooling mediae: no gas.

Remote control: Yes.

Sound level: 43 dBa.

Dimensions (WxDxH): 24x40x24 cm

Weight: 3,7 kg.



Vivax PAC-35

Silent

Price: From 7 950 kr. (Sek)

Find at: Luftmiljöbutiken.

Parts

Function: +++++

Usage: +++++

Economy: +

Opinion: Vivax PAC-35 is clearly one of the quietest in the test. But you have managed to get a powerful air conditioning in a relatively small format. It can handle up to 35 square meters, which is ten more than equal size machines. That it then goes quiet does not make things worse. This year has more environmentally friendly R290 as a refrigerant. Clearly good. But also the most expensive of the tested Air Conditioners.

Overall rating: +++++

FACT

Vivax PAC-35

Typee: Air conditioning.

Max room size: >35 m2.

Cooling capacity: 12000 BTU.

Air flow: 386 m3/h.

Cooling capacity: 3,5 kW.

Cooling media: R290.

Remote control: Yes.

Sound level: 53,7 dBa

Dimensions (WxDxH): 46,7x76,5x39,7 cm.

Weight: 34 kg.



Dyson Pure Hot+Cool

CLEAN MORE THAN COOLERS

Price: From 6 490 kr. (Sek)

Find at: Mediamarkt, Dyson.

PART TORQUE

Function: +++

Usage: +++

Economy: +++

Opinion: Just like the sibling Pure Cool Me, Pure Hot + Cool is primarily a deliciously designed fan and air purifier. But it can also produce noticeably cooler air. The noise level at the highest level is like Air Conditioners. But in the case of more normal operation, it reaches 35-45 dBa. It has four separate carbon fiber and hepa filters that will remove 99.95 percent of all allergens and harmful substances down to 0.1 micron. Have non-washable filters. Can be controlled via the app

Overall rating: ++

FACT

Dyson Pure Hot+Cool

Type: Fan, Air Cooler.

Max room size: no specified value.

Cooling capacity: -.

Air flow: 1044 m3/h.

Cooling Capacity: -.

GasType: no gas.

Remote control: Yes.

Sound level: 62 dBa.

Dimensions (BxDxH): 13x76x21 cm.

Weight: 5,71 kg.



Woods AC Venezia 18K G

Manages the living room

Price: From: 7 390 kr.

Find at: Komplet, Luftmiljöbutiken, Wood's, with others
PART TORQUE

Function: +++++

Usage: +++++

Economy: +

Opinion: A portable Air Conditioner for slightly larger surfaces. Or modern funkispirated house with large windows From floor to ceiling. It is really quiet even though it can handle such large areas and is easy to maneuver. With an Air flow of nearly 700 cubic meters per hour, it is a good option for larger premises, or home with high ceilings and a lot of light, but it is a premium for one bedroom.

Overall rating: +++++

FACT

Woods AC Venezia 18K G

Type: Air Conditioner.

Max room size: >50 m2.

Cooling capacity: 18000 BTU.

Air flow: 680 m3/h.

Cooling Capacity: 5,2 kW.

GasType: R290.

Remote control: Yes.

Sound level: 55 dBa.

Dimentions (BxDxH): 49x78,37,6 cm.

Weight: 32 kg.



Andersson ARC 3.1

Price: From 4 490 kr.

Find at: Netonnet.

PART TORQUE

Function: +++++

Usage: +++

Economy: +++

Opinion: Netonnet's own brand Andersson has in recent years generally maintained quite good quality. There have been some complaints about TVs, but not much else. And this is a good Air Conditioner that keeps what it promises. Our room of 20 square meters manages to temper down to 17 degrees without any problems. But with a Sound level of 65 dBa it is at the top and it has a coolant that will not be allowed for new sales next year.

Overall rating: +++

FACT

Andersson ARC 3.1

Type: Air Conditioner.

Max room size: >24 m².

Cooling capacity: 12000 BTU.

Air flow: 340 m³/h.

Cooling Capacity: 3,5 kW.

GasType: R410A.

Remote control: Yes.

Sound level: 65 dBa.

Dimention (BxDxH): 44x71,5x33,5 cm.

Weight: 26 kg.



Woods AC Cortina Silent G

BEST IN TEST

Price: From 5 495 kr

Find at: Luftmiljöbutiken, Elgiganten, Woods, Hemmy, med flera.

PART TORQUE

Function: +++++

Usage: +++++

Economy: ++

Opinion: Wood's new Air Conditioner has all received the greener R290 as refrigerant in this year's models and has zero in GWP. This means that Cortina Silent G is able to cope with the legislation that will come into force next year. This makes it more secure for the future, as refilling of refrigerants can otherwise be both difficult and expensive. Cortina has good Cooling capacity and air flow and is also silent compare to the Air Conditioner we tested. Best in test.

Overall rating: +++++

FACT

Woods AC Cortina Silent G

Type: Air Conditioner.

Max room size: >25 m².

Cooling capacity: 12000 BTU.

Air flow: 430 m³/h.

Cooling Capacity: 3,5 kW.

GasType: R290.

Remote control: Yes.

Sound level: 53 dBa.

Dimentions (BxDxH): 47,1x85x35,5 cm.

Weight: 33 kg.



Canvac CPA3802V

BÄSTA KÖP FÖR SOVRUMMET

Price: From 3 995 kr.

Find at: Elon.

PART TORQUE

Function: +++++

Usage: +++

Economy: +++++

Opinion: If you can manage that this sounds much more than both Woods and Vivax, it is a really good buy. Almost half Priceet compared to Vivaxen. But this one does best in smaller rooms. In a 14 square meter bedroom, it works perfectly as a cold. But then it sounds pretty much and it is usually in the bedroom we want the Air Conditioner when it is hot outside.

Overall rating: +++++

FACT

Canvac CPA3802V

Type: Air Conditioner.

Max room size: >25 m2.

Cooling capacity: 8000 BTU.

Air flow: 310 m3/h.

Cooling Capacity: 2,3 kW.

GasType: R290.

Remote control: Yes.

Sound level: 63 dBa.

Dimentions (BxDxH): 35,5x70,3x34,5 cm.

Weight: 25 kg.



Anslut 3500 W

Price: From 4 999 kr.

Find at: Jula.

PART TORQUE

Function: +++++

Usage: +++

Economy: +++

Opinion: The connection machine has good capacity and can even lower the temperature in the L-format living room of almost 40 square meters with many windows. But it has quite a high Sound level. Twelve decibels pretty much when the dB scale is logarithmic so that an increase of ten decibels means an increase of the power by a factor of ten. This Air Conditioner uses the R410A refrigerant belonging to those who do not receive new sales from next year.

Overall rating: +++

FACT

Anslut 3500 W

Type: Air Conditioner.

Max room size: >29 m².

Cooling capacity: 12249 BTU.

Air flow: 386 m³/h.

Cooling Capacity: 3,5 kW.

GasType: R410A.

Remote control: Yes.

Sound level: 65 dBa.

Dimentions (BxDxH): 52x88x44 cm.

Weight: 32,5 kg.



Cotech 36-6190

REQUIRES AIR FLOW

Price: From 1 699 kr. (SEK)

Find at: Clas Ohlson.

PART TORQUE

Function: +++

Usage: ++

Economy: +++++

Opinion: This is an air cooler with a fan that gets its cold From evaporated water. This works best if the fan is placed near an open window. If you close the door to the room in which it is located, it will not be cooler, but more humid and we worst will be nauseous. But good airflow gives the cooler air a lower price than Air Conditioner. For a more cooling effect, ice cubes or cooling clamps can be placed in the water container.

Overall rating: +++

FACT

Cotech 36-6190

Type: Fan, Air Cooler.

Max room size: no specified value.

Cooling capacity: -.

Air flow: 411,6 m3/h.

Cooling Capacity: -.

GasType: no gas, kylklampar.

Remote control: Yes.

Sound level: 66 dBa.

Dimention (BxDxH): 36x28x83 cm.

Weight: 7,5 kg.



Canvac 6901V

Price: From 5 995 kr.

Find at: Elon.

PART TORQUE

Function: +++++

Usage: +++++

Economy: +++

Opinion: Like the other Air Conditioner From Canvac, products are sold by Elon after buying Canvac. It is pricemically interesting products that are better in Price than Woods and Vivax. 6901V also has a low noise level, which is Weightigt. If you have trouble sleeping because it is too hot, it is no point that you are kept awake instead of the Air Conditioner sounds too much.

Overall rating: +++++

FACT

Canvac 6901V

Type: Air Conditioner.

Max room size: >30 m².

Cooling capacity: 9000 BTU.

Air flow: 425 m³/h.

Cooling Capacity: 2,6 kW.

GasType: R290.

Remote control: Yes.

Sound level: 56 dBa.

Dimention (BxDxH): 45,5x38,0x78,0 cm.

Weight: 31,1 kg.