



TROTEC
AT HOME

HOME
COMFORT

LOCAL AIR CONDITIONER PAC 2600 X

3-in-1 air conditioner: air conditioning system, fan and dehumidifier – all in one

34 m²
85 m³
2,6 kW
9.000 Btu/h
 Dehumidifier
 2 Speed Levels
 Night Mode
 Timer
 IR
 Follow Me
 ENERGY LABEL: A, 2,6 kW, 2,6 EER, 63dB, 1,0 kWh/24h

Reliable countermeasure for summer heat

The next heat wave is bound to come! For this reason you should make the according arrangements at an early stage so that you can just lean back and chill in an agreeable room climate during hot summer days. With a cooling capacity of 2.6 kW / 9,000 Btu/h the mobile comfort air conditioner PAC 2600 X is ideally suited for rooms sized 34 m² or 85 m³. With it, heated up interior spaces can be cooled down to a feel-good temperature ranging between 17 °C and 30 °C. In addition, the all-rounder comes with an adjustable two-stage fan ensuring a fresh breeze and air circulation in the room – even without activating the refrigerating compressor. The air discharge direction can easily be set via adjustable fins.

The dehumidification function of the PAC 2600 X fights the oppressive, muggy air. It withdraws the moisture and thus creates a more agreeable room climate. Moreover, dehumidification prevents unhealthy mould growth. Due to internal condensate recycling the condensation tank only rarely needs to be emptied seeing as the condensed water is reused for cooling the condenser by an intelligent recycling system. Consequently, the majority of the water evaporates. The three functions cooling, ventilation and dehumidification can be used independently which renders the device suitable for use all year round. In order to also filter out fluff, dust and animal hair from the breathing air, an easy-to-clean air filter is flush-mounted to the rear of the device.

Provides cooling at home, in the office or a hotel room – with a low power consumption

Using the mobile air conditioning system PAC 2600 X you can ban the searing heat from the house even during hot spells with record temperatures. Owing to energy efficiency category A, the ongoing consumption costs are kept at a reasonable level. In order to reduce the energy demand the device automatically ensures that the refrigerating compressor will be switched off upon reaching the preset target temperature. The device will only resume cooling when the desired temperature value is exceeded.



Propane (R290) as environmentally friendly refrigerant in air conditioning systems

Every year, several million tons of harmful CO₂ emissions (greenhouse gas) are emitted to the atmosphere due to synthetic refrigerants. For this reason, the utilization of alternative refrigerants has become one of our key objectives. By using propane (R290) as refrigerant this air conditioner makes a valuable contribution to protecting our climate.

The natural refrigerant propane (R290) is an organic compound belonging to the group of hydrocarbons. Unlike synthetic refrigerants the environmentally friendly propane (R290) comes with neither ozone depletion potential (ODP = 0) nor a noteworthy greenhouse effect (GWP = 3).

Additional bonus for the environment: Owing to its excellent thermodynamic properties, propane (R290) is a particularly energy-efficient refrigerant thereby additionally reducing your energy costs.

Enjoying the bright side of life – chilling in comfort

All settings can not only be made via the neatly arranged and easy-to-use LED display but also by means of the convenient infrared remote control. Owing to the intelligent Follow Me function the remote control measures the temperature at the present site and automatically sends the value to the air conditioner. Consequently, the air conditioner keeps track of the temperature along with your every move and regulates the cooling accordingly. For a yet greater user comfort the preferred settings can be saved and called up again at any time using the remote control. After a power outage the integrated memory function ensures that the device will restart with the previously selected settings.

Cooling and refreshment on schedule with the timer function

An individual feel-good climate straight to the point: Use the 24-hour timer to programme the switch-on or switch-off time of the PAC 2600 X in a way that coincides with your daily rhythm. For instance, you can start into your work day with agreeable temperatures or use the timer to ban the heat that has built up during the day from your bedroom in time before retiring to bed for a good night's rest. The device is equipped with recessed handles and low-friction rollers permitting the quick and easy transportation into other rooms equally in need of a fresh breeze.

Smart and alert – the night mode ensures you wake up well rested

Using the night mode function allows you to relax and drift off to sleep in a cooled bedroom. Over time the temperature is gradually increased by 2 °C and then maintained. An automatic fan stage ensures a soothing air circulation. With merely 53 dB the cooling operation of the PAC 2600 X is fairly quiet and the light of the LED display can be switched off altogether.



PAC
2600 X

Calculation of the required cooling capacity



Find out how to easily calculate the cooling capacity required for your living and office spaces.

How much power is required to cool a room? The rule of thumb: Every cubic metre of room volume requires a cooling capacity of 30 watts (1 m³ = 30 W).

Using this blanket value the required cooling capacity can be determined quickly and easily for every room size. Example: Assuming a room with 35 m² of floor space and a room height of 2.5 m ... The resulting calculation reads as follows:

Room volume calculation:

34 m² of floor space x 2.5 m ceiling height = a room volume of 85 m³

Calculation of the cooling capacity required for the room volume:

85 m³ cubature x 30 watts of cooling capacity = required cooling capacity of 2,550 watts

Conversion from watt to kilowatt:

2,550 W = 2.6 kW

Result: In a room with 34 m² of floor space and a height of 2.5 m you need an air conditioner with a cooling capacity of 2.6 kW – such as the PAC 2600 X.

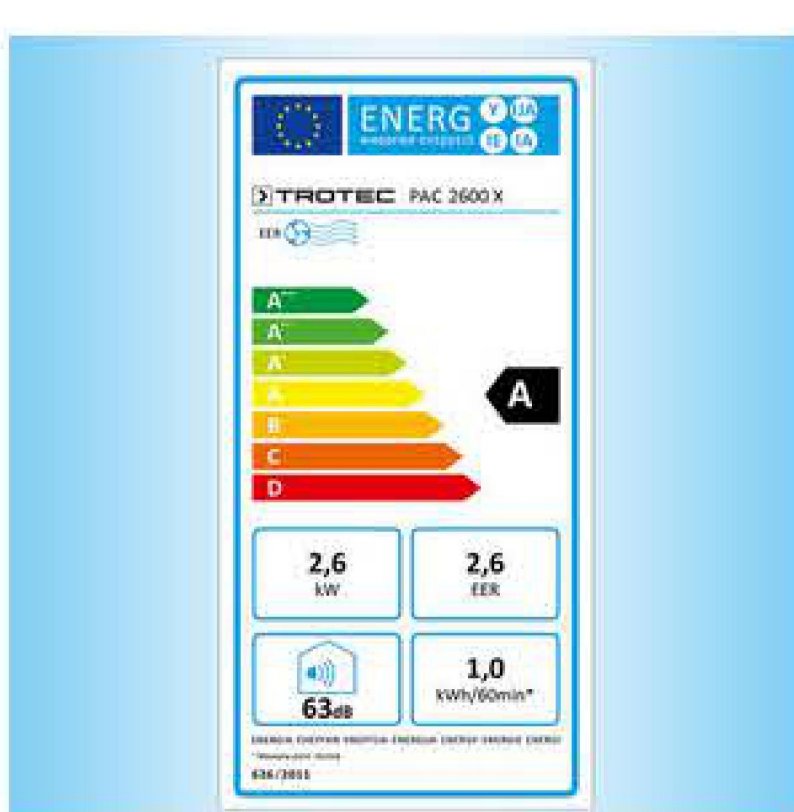
This is only a rough calculation formula for living and office spaces with modern insulation (passive house standard), though. The required cooling capacity further depends on the room's "thermal load": For selecting an appropriate air conditioner, the factors of insulation, insulation, window dimensions, the number of persons as well as the heat sources play an equally important role.

You would like to find out more? Our info page "Practical knowledge concerning air conditioning" contains all the important information. By reading it you will quickly become an air conditioning expert.

PAC 2600 X – special equipment features



The compact air conditioner clad in stylish black and white blends in perfectly with any living or working environment. With 2.6 kW / 9,000 Btu/h it brings a pleasant fresh breeze to rooms sized up to 34 m² or 85 m³.



The energy consumption of an air conditioner is an important factor. With energy efficiency category A you can be on the safe side that your electricity costs will keep within reasonable bounds. With functions for condensate recycling and timer-controlled switch-on/off, the device itself permits a rather efficient and economical cooling operation.

AirLock window and door seals

ACCESSORY TIP: AirLock window seals prevent warm air from streaming back into the room you are trying to cool.

The warm air is discharged through an air conditioner's exhaust air hose and thus through a window into the open air. In order to keep the warm air from streaming right back into the room through the window gap we recommend using [AirLock window or door seals](#).

The window seal [AirLock 100](#) is suitable for windows with a maximum perimeter of up to 4 metres. The hose can be attached to any type of window (casement, bottom-hung or skylight windows). With the Velcro® tape mounting between window and frame only takes a few steps. This ensures an optimal cooling efficiency in the room and substantially reduces the consumption costs of your air conditioner.



Also perfect for floor-to-ceiling windows or balcony and patio doors.

The convenient door and window seal [AirLock 1000](#) was specifically designed for sealing floor-to-ceiling windows or balcony and patio doors – it is the only window seal on the market that has a perimeter of up to 5.6 metres. The AirLock 1000 can be used for both one- or two-hose devices. [Further information on all available AirLock versions is provided here.](#)



The stylish, neatly arranged LED display reveals all important setting options at one glance and so offers a very intuitive operation.



All functions can also be controlled via the infrared remote control. With the Follow Me function the remote control measures the room temperature at the current location and transmits the value to the air conditioner. The cooling capacity is automatically adjusted according to the measured value.



To avoid a draught, the air discharge direction can be controlled by changing the position of the horizontally and vertically adjustable fins. In a way that suits your individual needs.



The air filter integrated at the rear of the device cleans the room air from dust, fluff and animal hair. It can be removed without difficulty and cleaned without great effort. All in all the PAC 2600 X combines an uncomplicated, quick and easy installation, maintenance and servicing.

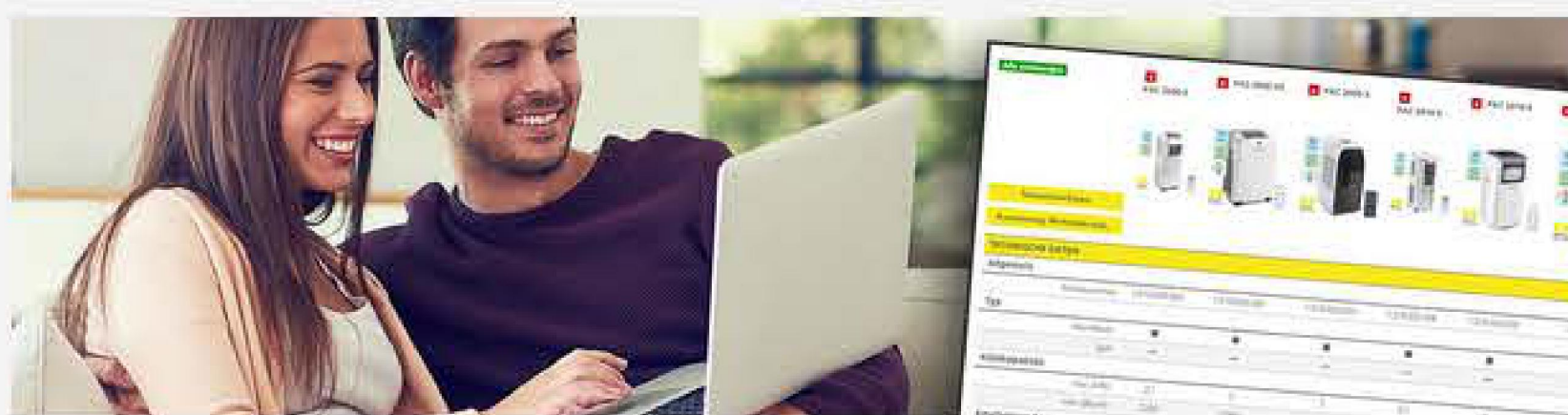
Cooling down in every room



Attic flats and rooms with large windows often heat up particularly fast. Overnight guests in holiday homes, hotels, boarding houses and B&Bs will also appreciate agreeable temperatures. Using the PAC 2600 X you can flexibly cool the room you are currently occupying yourself.



When the room becomes uncomfortably warm and oppressive, we quickly feel drained and groggy. But the portable air conditioner PAC 2600 X ensures an agreeably cool and dry room climate. This allows you to keep a cool head even on hot days.



All Comfort air conditioners of the PAC series in direct comparison:

To find the Comfort air conditioners of the PAC series which exactly meets your requirements, please consult the concise overview of all Comfort air conditioners of the PAC series from Trotec, which we're providing to you here so that you can compare them directly to each other.

Models which you do not wish to include in your comparison can be easily dismissed with only one click.

Technical data by comparison

A few practical benefits:

- ✓ Energy efficiency category A
- ✓ 2.6 kW cooling capacity
- ✓ Three operating modes: cooling, ventilation, dehumidification
- ✓ Two fan stages
- ✓ Timer function
- ✓ Practical LED display
- ✓ Room temperature display

- ✓ Easy-to-clean membrane keypad
- ✓ Adjustable air discharge direction
- ✓ IR remote control
- ✓ Removable air filter
- ✓ Air cleaning function (animal hair, fluff, dust)
- ✓ Quiet operation < 53 dB(A)

All important features at a glance

<p>Cooling capacity With its 2.6 kW the air conditioner provides a pleasantly chilled feel-good climate.</p>	<p>Dehumidification function The humidity level in the room can be reduced even without the cooling function.</p>	<p>2 fan settings The room air is circulated even when the cooling function is switched off.</p>	<p>Automatic mode Controls the cooling level depending on the ambient and target temperature.</p>	<p>Remote control Control your air conditioner conveniently using the infrared remote control, incl. follow-me function.</p>	<p>LED display The backlit LED display provides information on all important parameters.</p>
<p>Self-diagnosis Detection of faults and precise indication of the source of error.</p>	<p>Night mode Helps you to sleep healthily by way of a slow, constant temperature increase.</p>	<p>Timer function The air conditioner automatically switches on or off after the desired period.</p>	<p>Room thermostat The current room temperature is determined by the integrated thermostat.</p>	<p>Air filter Anti-bacterial, washable filter for air quality improvement.</p>	<p>Auto restart function Remembers the previously selected settings for the next switch-on.</p>
<p>Condensation recycling Reduces the energy demand and the need for frequent draining of the tank.</p>	<p>Castors Thanks to the low-friction castors the air conditioner can be positioned as needed.</p>				

Monobloc or split? One-hose or two-hose technology?

Don't get hosed by competitive statements, we provide the big picture. Before purchase make sure to get an overview of device differences, functional principles and possible applications.

Trotec, your climate expert, has compiled the most important facts in a reader-friendly overview! Direct link to the "[Practical knowledge concerning air conditioning](#)"...

Benefit from the Trotec brand quality guaranteeing high value, safety and functionality. Via the registered GS mark the inspection authority TÜV SÜD certifies that, if used foreseeably and as intended, the device does not pose a risk to the health and safety of the user.



A boost of freshness: Enjoy maximum refreshment anywhere in the room!

Do you want to additionally support the effect your air conditioner has? In order to really distribute the cool air into every last corner of the room we recommend using the **powerful fan TFH 2000 E with turbo spin technology**. The extremely compressed turbulent air flow gushes out of the TFH 2000 E as tornado-like air column that revolves around itself and advances deep into the room. The air current breaks through warm and cold room air zones mixing it all up. The exiting air current encounters the opposite wall or the ceiling and from there is deflected to all sides.

In a constant circulation the air returns to the rear of the fan flowing along the side walls and the ceiling. It is sucked in once more to start a new cycle. This effective turbo spin method ensures maximum circulation and mixing of the room air. The temperature difference between cold air near the ground and warm air just beneath the ceiling is substantially reduced, instead the air temperature in the entire room is noticeably evened out.