

dyson air multiplier

No blades. No buffeting.

Easy to clean, safe,
environmental control.



Understanding personal comfort

An individual's personal comfort is affected by environmental factors such as air temperature, humidity and velocity. In turn it can affect people's work performance, relaxation and health.

In typical interior environments around 40% of occupants could be experiencing low personal comfort. Even in well managed air environments some people will feel "too hot" or "too cold."*

Air conditioning cannot solve this problem because it's designed to regulate the temperature of entire open spaces. Adjusting settings may create discomfort for others. And opening windows compromises the effectiveness of air conditioning.

The Dyson Air Multiplier™ fan allows individuals in building-wide air conditioned environments to customise their own personal comfort.



*Hamilton, S.D., et al. 2003. "Using Microenvironments To Provide Individual Comfort" ASHRAE Journal.

The problem with conventional fans

Limited settings

They only have three or four settings – and one of those is 'off'. You wish you could adjust it a little, precisely matching the airflow to your needs.

Awkward to adjust

They are top heavy and awkward to adjust. This can lead to conventional fans pointing in the wrong direction.

Blades cause buffeting

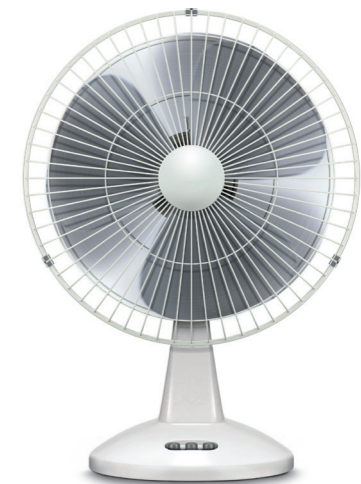
The blades cause unpleasant buffeting because they chop the air before it hits you.

Awkward to clean

They are complicated to dismantle and clean, often needing a screwdriver.

Fast spinning blades

The fast spinning blades have to be guarded by a safety grille.



The problem with portable air conditioning

Inflexible

They cool an entire space, lowering the temperature of a room by a set degree. Their output cannot be directed. It's all or nothing – one setting fits all.

Air quality

Rooms are cooled by continually recycling the air within. Opening a window compromises the effectiveness of the portable airconditioning unit. The air can become stale.

Energy consumption

Portable air conditioning units use a lot of energy, running at around 1400W. A Dyson Air Multiplier™ fan runs at a maximum of 65W. That's a 95% saving on your electricity bill.

Ease of use

Filters need cleaning. The units are heavy, bulky and awkward to store. The cumbersome exhaust hose can get in the way.

Chemicals

Portable air conditioning units contain Hydroflouorocarbons (HFCs) to produce artificial cooling. These are harmful greenhouse gasses that have to be carefully disposed of.



Awkward to keep hygienically clean
Conventional fans are complicated to dismantle and keep hygienically clean.

The Dyson Air Multiplier™ fan is easy to keep hygienically clean



1.
Clean grille front with a brush.



2.
Unscrew then remove front grille.



3.
Clean front of blades with a cloth.



1.
Wipe with a dry or damp cloth.



4.
Clean rear grille with a brush.



5.
Clean rear of blades with a cloth.



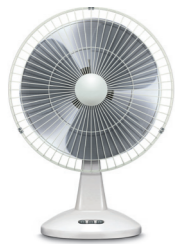
6.
Reattach front grille.

Approved cleaning solutions.

Weak acid solution (pH1).
Weak alkaline solution (pH 13.4).
Weak solvent (30% acetone in water).

Clorox (undiluted).
Household bleach (<5% hypochlorite).
Hydrogen peroxide (3%). Ethanol (100%).

Conventional fans



Fast-spinning blades
Conventional fans have fast-spinning blades that have to be guarded by a safety grille.



Limited settings
Conventional fans only have 3 or 4 settings and one of those is 'off'. You wish you could adjust it a little.



Awkward to adjust
Conventional fans are top heavy and awkward to adjust.

The Dyson Air Multiplier™ fan



Safe
The Dyson Air Multiplier™ fan has no blades. It's safe.



Dimmer-switch
The Dyson Air Multiplier™ fan has dimmer-switch control to precisely adjust airflow power.



Touch-tilt
The Dyson Air Multiplier™ fan pivots on its own centre of gravity, staying put without clamping.

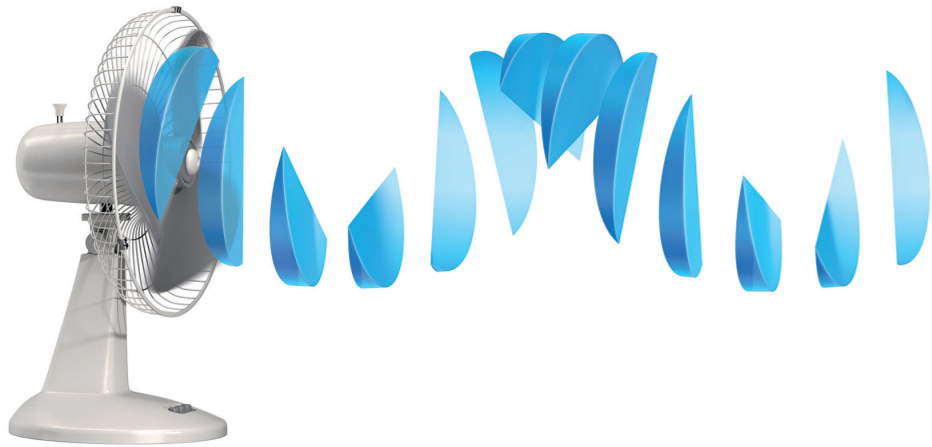
High energy consumption

A portable air conditioning unit will draw an average 1400W of electricity. At times, when it's working its hardest, it'll draw even more power.

All the Dyson Air Multiplier™ fans run at a maximum of 65W. That's a 95% energy saving compared to portable airconditioning.

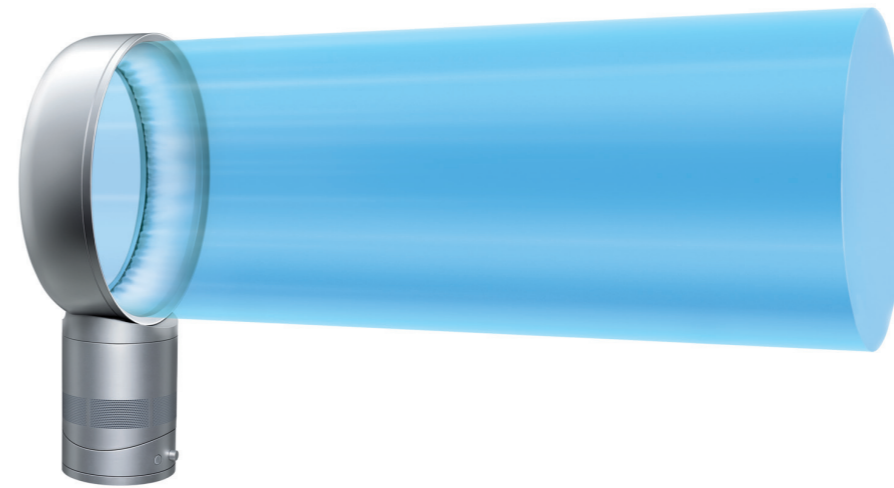


The Dyson Air Multiplier™ fan



Blades cause buffeting

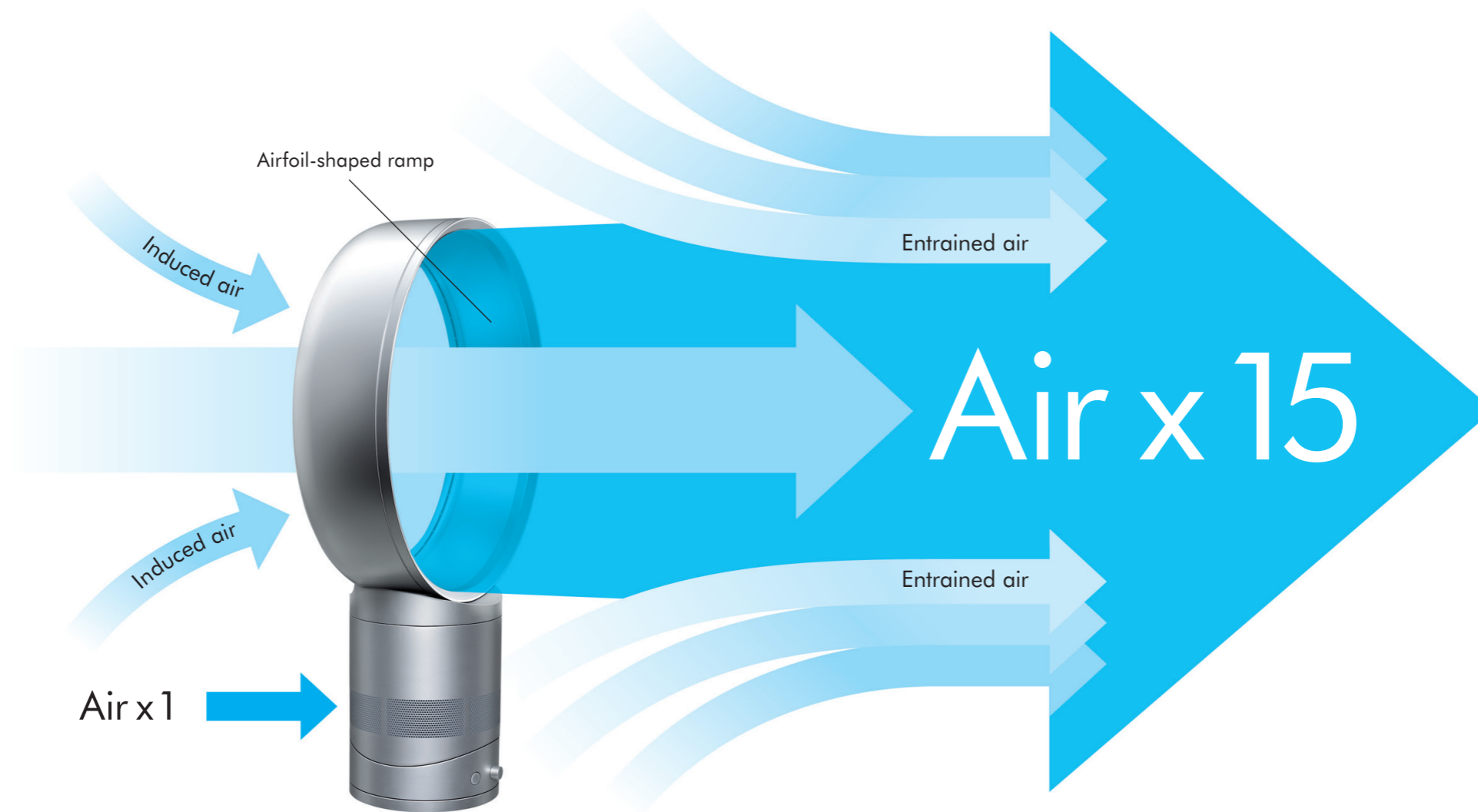
The blades on conventional fans cause unpleasant buffeting because they chop the air before it hits you.



No blades. No buffeting.

Air Multiplier™ technology amplifies surrounding air, giving an uninterrupted stream of smooth air.

How it works



Air Multiplier™ technology

Air is accelerated through an annular aperture. This creates a jet of air that passes over an airfoil-shaped ramp, channelling its direction. Surrounding air is drawn into the airflow, amplifying it up to 18 times (this is called inducement and entrainment).

What people say?



“It seemed to meet all of our requirements. It’s easy to clean, electricity wise it’s economical and health and safety wise it’s safer. And above all it reduces the risk of spreading infection in hospital.”

Ruth McCarthy
Director of Clinical Governance
Director of Infection Control

Great Western Hospitals, Swindon
NHS Foundation Trust

“We chose the Dyson fan for its performance and design. Because they make almost no noise we can use them in the guest lounges where ambience is so important, and with no blades they can be positioned in public areas easily.”

Marin Betlemović
Head Housekeeper
The Park Lane Hotel

“We’ve got patients who need hoisting out, we need a lot of room around the bedside with physios and occupational therapists. You put the Dyson fan on a table and it doesn’t move. The risk of it falling over is a lot less.”

Amanda Chivers
Ward Manager
Falcon Acute Stroke Unit

Great Western Hospitals, Swindon
NHS Foundation Trust

“Thanks to the easy clean design of the Dyson fan we have been able to use them in our clinical areas to keep our patients cool.”

Diane Wake
Executive Director of Nursing and
Operations Director of Infection

Royal Liverpool University Hospital
NHS Trust

AM01 desk fan
For desk top personal cooling.



AM01 desk fan 10"



AM01 desk fan 12"

| SPECIFICATION | AM01-10" | AM01-10" | AM01-12" |
|------------------------------------|--------------|------------|-------------|
| Colour | White/silver | Iron/blue* | Silver/iron |
| Weight (kg) | 1.74 | 1.72 | 1.79 |
| Motor size (Watts) | 40 | 40 | 40 |
| Inlet air flow (litres per second) | 20 | 20 | 27 |
| Cable length (metres) | 1.8 | 1.8 | 1.8 |
| Product code prefix | KA3-UK | KA4-UK | KA2-UK |
| SSP | £199.99 | £199.99 | £219.99 |

*Limited availability.



Safe
No fast-spinning blades.



Easy to clean
No awkward grilles or blades.



Dimmer-switch control
Precisely adjusts airflow power.

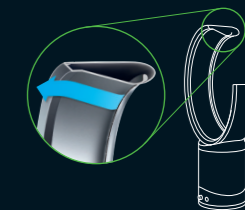


Touch-tilt
Pivots on its own centre of gravity, staying put without clamping.



Air Multiplier™ technology
An annular jet draws in surrounding air, amplifying it 15 times.

16° airfoil-shaped ramp
Generates maximum airflow velocity and volume.



1.3mm annular aperture
Air is forced out to create the annular jet.



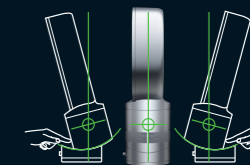
Mixed flow impeller
A combination of the technologies used in turbochargers and jet engines generates powerful airflow.

Safe
No fast-spinning blades.

Easy to clean
No awkward grilles or blades.

Brushless motor
Energy-efficient. Variable power rather than the limited settings on conventional motors.

Air inlet
Up to 27 litres of air drawn in per second, generating primary airflow.



Touch-tilt
Pivots on its own centre of gravity, staying put without clamping.

On/off control
LED for use in the dark.

2 year guarantee
Parts and labour.

Airflow control
Dimmer-switch control. Precisely adjusts airflow power.

Oscillation control
Independent motor drives smooth 90° oscillation.

AM02 tower fan

A room fan that fits into restricted spaces. With a reach of 6 meters.



AM02 tower fan

| SPECIFICATION | AM02 | AM02 |
|------------------------------------|---------------|------------|
| Colour | Silver/silver | Iron/blue* |
| Weight (kg) | 3.39 | 3.39 |
| Motor size (Watts) | 65 | 65 |
| Inlet air flow (litres per second) | 33 | 33 |
| Cable length (metres) | 2.0 | 2.0 |
| Product code prefix | KD4-UK | KD7-UK |
| SSP | £299.99 | £299.99 |

*Limited availability.



Safe
No fast-spinning blades.



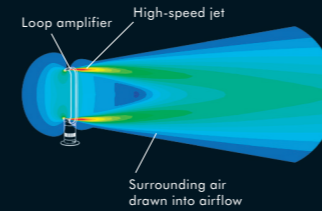
Easy to clean
No awkward grilles or blades.



Variable airflow control
Push button to quickly adjust airflow power.

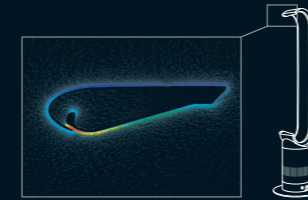
Air Multiplier™ technology

An annular jet draws in surrounding air, amplifying it 16 times.



7° airfoil-shaped ramp

Generates maximum airflow velocity and volume.



1mm aperture

Air is forced out to create the jet.

Mixed flow impeller

A combination of the technologies used in turbochargers and jet engines generates powerful airflow.



Brushless motor

Energy-efficient. Variable power rather than the limited settings on conventional motors.

Air inlet

Up to 33 litres of air drawn in per second, generating primary airflow.

2 year guarantee

Parts and labour.

Remote control

On/off control

Variable airflow control
Push button to quickly adjust airflow power.

Oscillation control

Independent motor drives smooth oscillation.

Magnetic location

Curved and magnetised to store neatly on the machine.

Safe

No fast-spinning blades.

Easy to clean

No awkward grilles or blades.

Easy to assemble

No tools required.

13mm airflow projector

Directs more air towards you by focusing its exit angle.

Low centre of gravity

Heaviest components positioned low-down for improved stability.

AM02



AM03 pedestal fan
The Dyson fan with the highest airflow and velocity. With a reach of 6 meters.



AM03 pedestal fan

| SPECIFICATION | AM03 |
|------------------------------------|--------------|
| Colour | White/silver |
| Weight (kg) | 4.35 |
| Motor size (Watts) | 65 |
| Inlet air flow (litres per second) | 33 |
| Cable length (metres) | 2.0 |
| Product code prefix | KE5-UK |
| SSP | £299.99 |

Features and benefits



Safe
No fast-spinning blades.



Easy to clean
No awkward grilles or blades.



Easy height adjust
Lift and lower with one hand. No clamping needed.



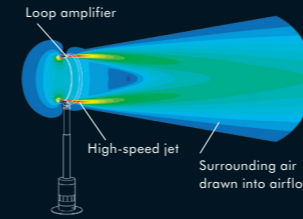
Easy to tilt
Stays put without clamping



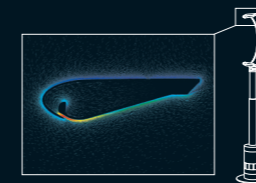
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Easy to tilt

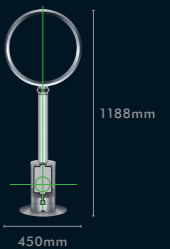
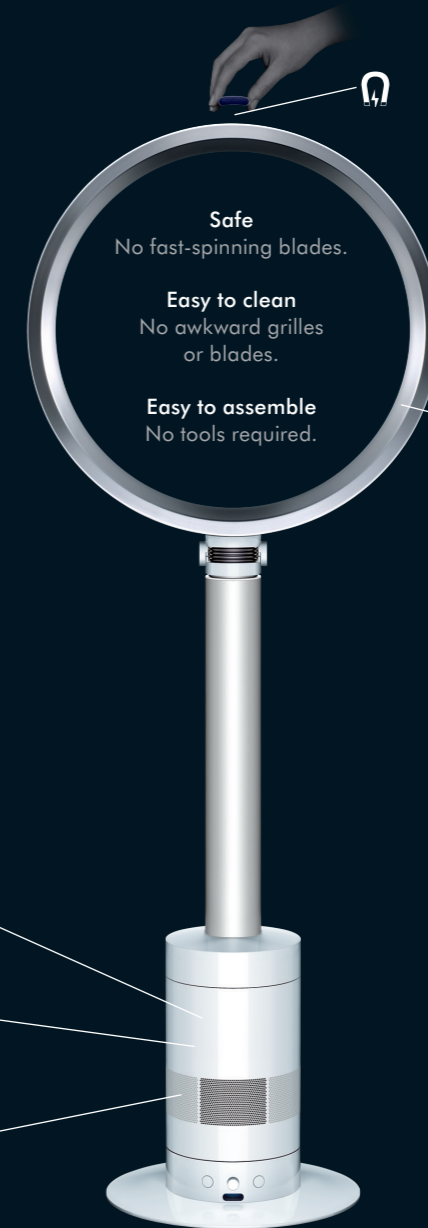
Stays put without clamping.

Easy height adjust.

The stand uses a constant force tensor spring to resist the force of gravity. So it stays put without clamping.

Low centre of gravity

Heaviest components positioned low-down for improved stability.



How to order the Dyson Air Multiplier™ fan

Order by phone direct from Dyson

UK 0800 345 7788

ROI 01 401 8300

Learn more at www.dyson.co.uk/fans/commercial

Guaranteed for 2 years.

For advice and support, call Dyson experts

9am–5.30pm, 7 days a week.

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