dyson

dyson air multiplier

dyson hot

"Engineers look for improvement. 30 years ago, we began developing cyclone vacuum technology. More recently, hand dryers using high-pressure sheets of air instead of heat. Now our attention has turned to fans."
James Dyson

dyson air multiplier

No blades. No buffeting.

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.

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

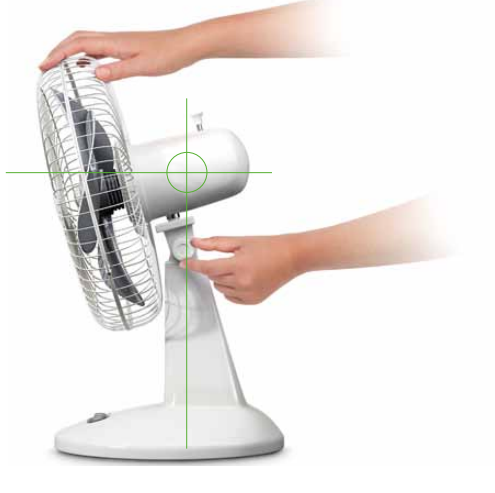
Safe
The Dyson Air Multiplier™ fan has no blades. It's safe.

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

Easy to clean
The Dyson Air Multiplier™ fan has no awkward grilles or blades.

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

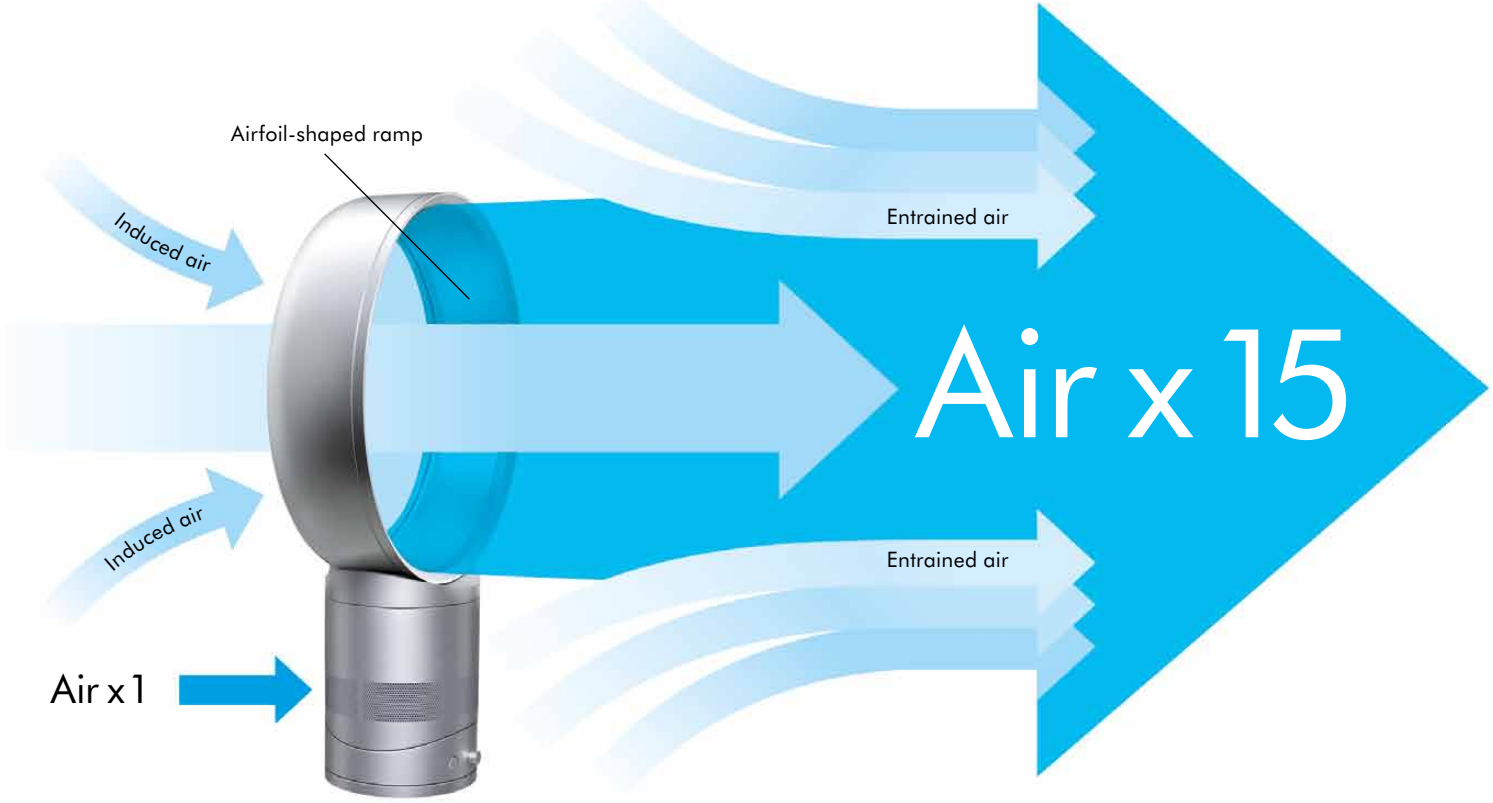
Dimmer-switch
The Dyson Air Multiplier™ fan has dimmer-switch control to precisely adjust airflow power.



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

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

How it works



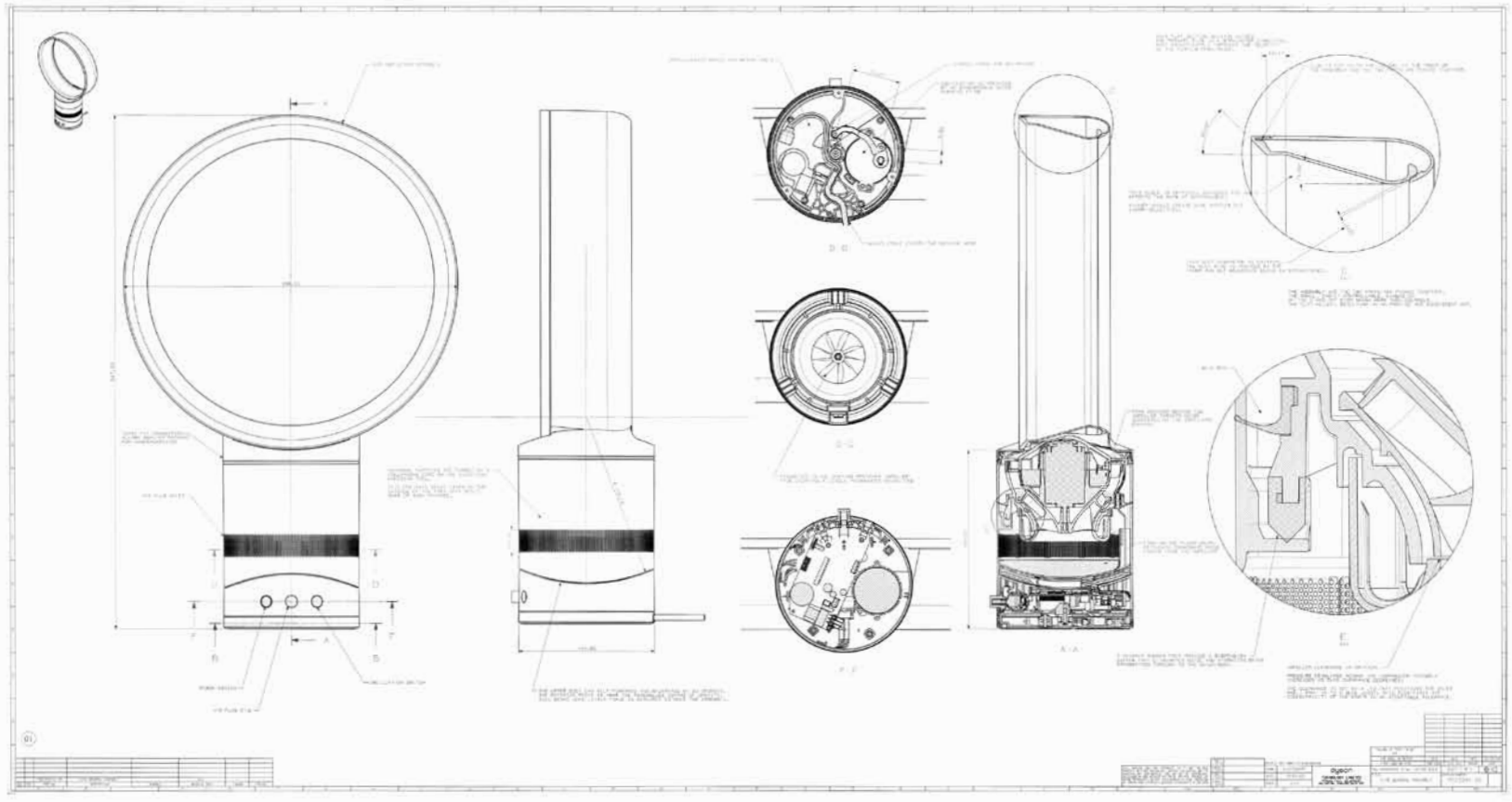
Air Multiplier™ technology

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 15 times (this is called inducement and entrainment).

Inside out

Dyson engineers always start with the core problem – then work outwards. Our machines look the way they look because of how they work.

One engineer had the original idea. But it took every discipline from Dyson's 650-strong team of engineers and scientists to develop Air Multiplier™ technology. Design engineers; electrical engineers; fluid dynamics technicians; prototype engineers; test engineers; software engineers; motor engineers; microbiologists and mechanical engineers.



dyson air multiplier

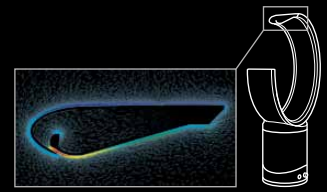
No blades. No buffeting.

AM01 desk fan 12"

White/silver

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

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



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

Safe
No fast-spinning blades.

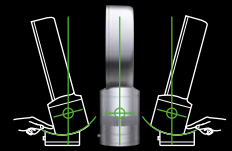
Easy to clean
No awkward grilles or blades.

10mm airflow projector
Directs more air towards you by focusing its exit angle.

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

Low centre of gravity
Base-mounted motor. Not top heavy and unstable like conventional fans.

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.

Easy to assemble
Just push-fit loop amplifier to base, then twist.

On/off control
LED for use in the dark.

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

Oscillation control
Independent motor drives smooth oscillation.

dyson air multiplier

No blades. No buffeting.

AM 02 tower fan

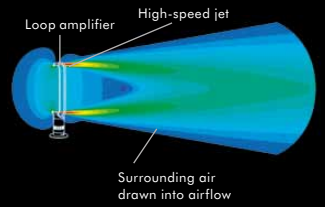
White/silver

Variable airflow control
Push button to quickly adjust airflow power.

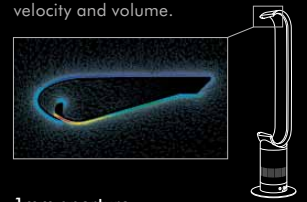
Safe
No fast-spinning blades.

Easy to clean
No awkward grilles or blades.

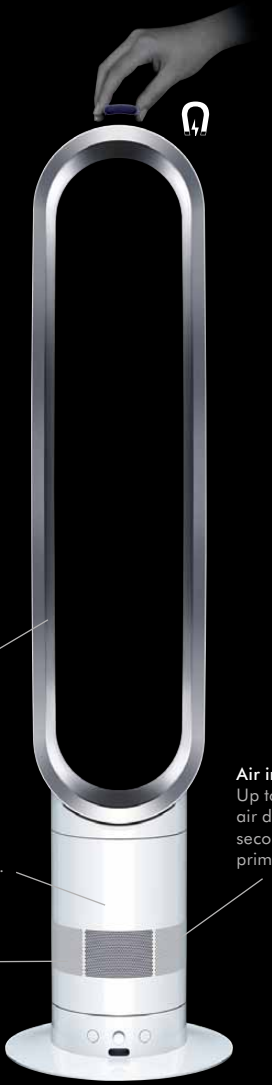
Air Multiplier™ technology
A jet draws in surrounding air, amplifying it 16 times.



7° airfoil-shaped ramp
Generates maximum airflow velocity and volume.



1mm aperture
Air is forced out to create the jet.



13mm airflow projector
Directs more air towards you by focusing its exit angle.

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.

Low centre of gravity
Heaviest components positioned low down for improved stability.

Remote control

On/off control

Variable airflow control
Push button to quickly adjust airflow power.

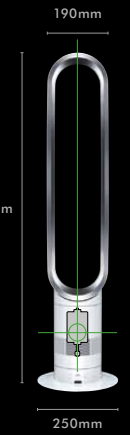
Oscillation control
Independent motor drives smooth oscillation.

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.



dyson air multiplier

No blades. No buffeting.

AM03 pedestal fan

White/silver

Variable airflow control
Push button to quickly adjust airflow power.

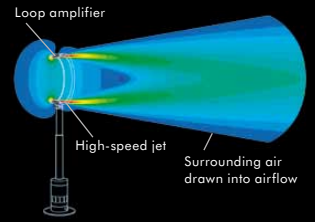
Safe
No fast-spinning blades.

Easy to clean
No awkward grilles or blades.

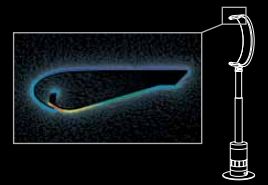
Easy height adjust
Lift and lower with one hand. No clamping needed.

Easy to tilt
Stays put without clamping.

Air Multiplier™ technology
A jet draws in surrounding air, amplifying it 18 times.



7° airfoil-shaped ramp
Generates maximum airflow velocity and volume.

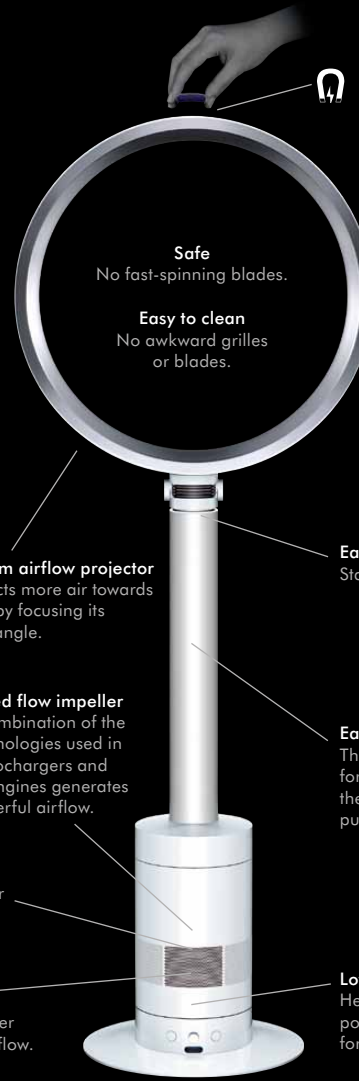


1mm annular aperture
Air is forced out to create the annular jet.

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

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.



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.

Remote control

On/off control

Variable airflow control
Push button to quickly adjust airflow power.

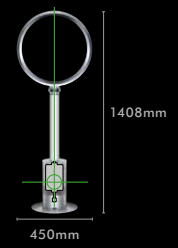
Oscillation control
Independent motor drives smooth oscillation.

Magnetic location
Curved and magnetised to store neatly on the machine.

Easy to assemble
No tools required.

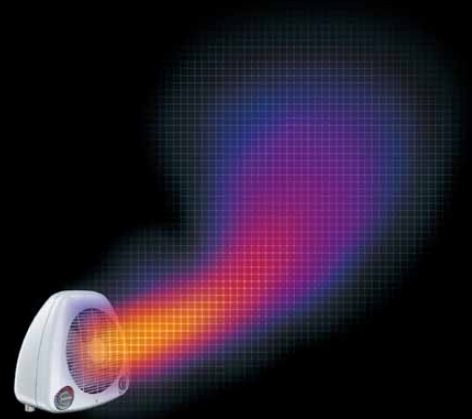
Easy to tilt
Stays put without clamping.

Easy height adjust
The stand uses a constant force tensator spring to resist the force of gravity. So it stays put without clamping.

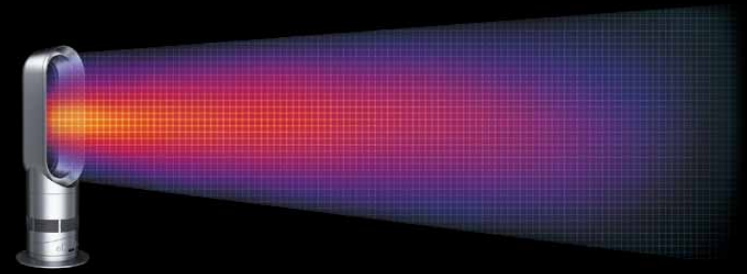


dyson hot

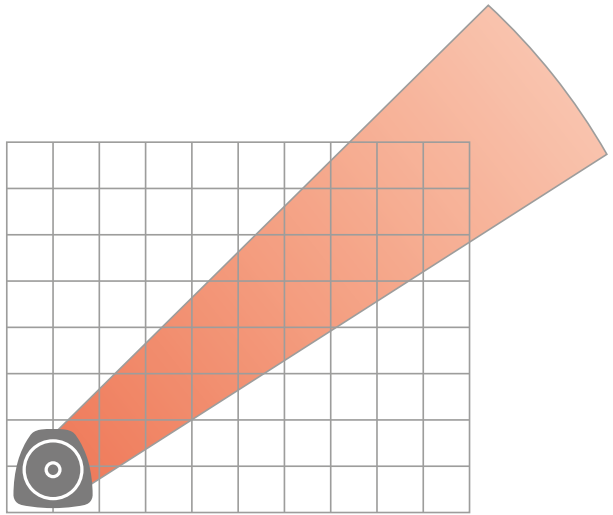
Long-range heat projection
for fast room heating.



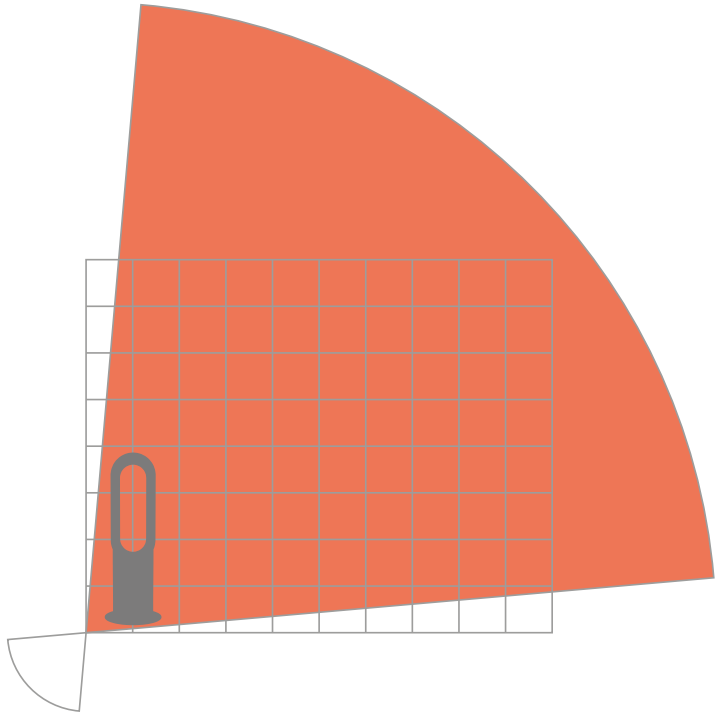
Uneven room heating
Many conventional heaters can't heat a whole room quickly because they use spinning blades powered by inefficient motors to distribute the air.



Fast, even room heating
Air Multiplier™ technology amplifies surrounding air for long-range heat projection. The Dyson Hot™ fan heater heats the whole room quickly.



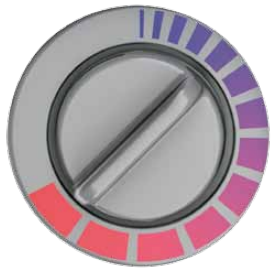
Narrow heat distribution
Some conventional heaters blow heat in a narrow stream because they don’t oscillate.



Whole-room heat distribution
The Dyson Hot™ fan heater oscillates smoothly to distribute heat across the whole room.

Burning smell
Dust that collects on the heating elements of some fan heaters burns when their temperature exceeds 230°C.

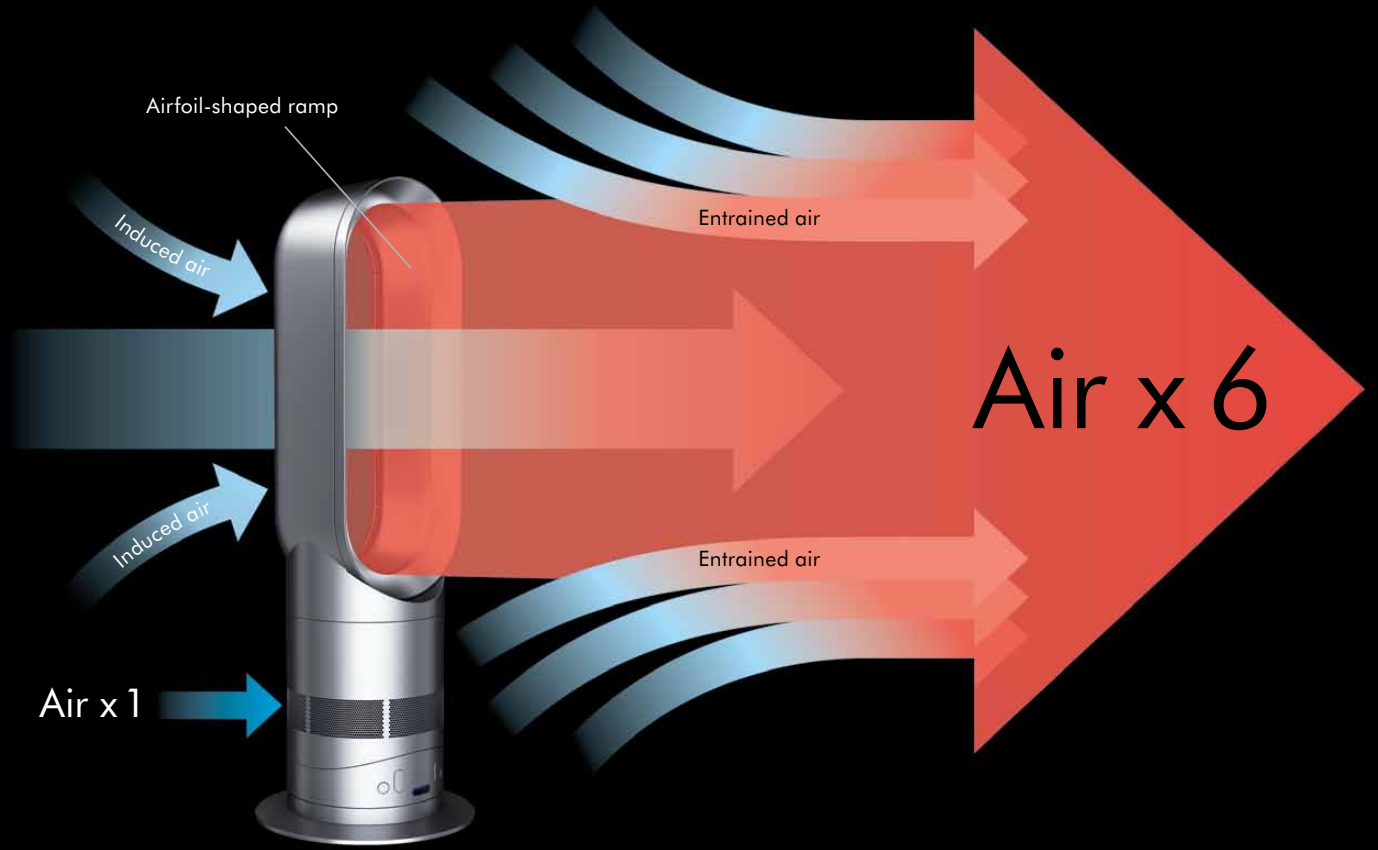
No burning smell
The Dyson Hot™ fan heater has elements that never exceed 200°C. There's no burning smell.



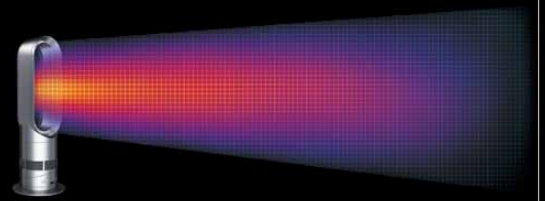
Limited settings
Many conventional fan heaters use simple AC induction motors and basic thermostats. You wish you could adjust them more precisely.

Precise control
The Dyson Hot™ fan heater lets you select the target temperature to the degree. And the brushless DC motor allows you to precisely control the airflow power.

How it works



Air Multiplier™ technology
Air is accelerated through an aperture. This creates a jet of hot air that passes over an airfoil-shaped ramp, channelling its direction. Surrounding air is drawn into the airflow, amplifying it 6 times (this is called inducement and entrainment).



Fast even room heating in winter
In cold weather Air Multiplier™ technology provides long-range heat projection for fast room heating. The Dyson Hot™ fan heater heats the whole room quickly.

Smooth cooling air in summer
With high airflow and velocity, the Dyson Hot™ fan heater can also be used as an effective cooling fan in summer. When used in fan mode, the smooth airflow can make individuals feel up to 3˚C cooler.

dyson hot

Long-range heat projection for fast room heating.

AM 04 fan heater

White/silver

Remote control
Push button to quickly adjust temperature, airflow speed and oscillation mode.

Safety features
No blades or visible heating elements. Tip over automatic cut-out.

No burning smell
Ceramic plates never exceed 200°C, so dust doesn't burn.

Precise control
Select target temperature to the degree. The intelligent thermostat keeps it there.

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 6 times.

10mm airflow projector
Directs more air towards you by focusing its exit angle.

2.5mm aperture
Air is forced out to create the jet.

8° airfoil-shaped ramp
Generates maximum airflow velocity and volume.

PTC ceramic plates
Plates never exceed 200°C. No worrying burning smell.

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

Brushless motor
Variable power rather than the limited settings of conventional motors.

Variable airflow control
Precisely adjusts airflow power, with 10 airflow settings available.

LED display
Shows target temperature in degrees, selected using the temperature control.

Remote control
On/off
Oscillation
Independent motor drives smooth oscillation.
Variable airflow
Push button to quickly adjust airflow power.
Temperature control
1°C to 37°C precision.
Magnetic location
Curved and magnetised to store neatly on the machine.

Easy to clean
No awkward grilles or blades.

Low centre of gravity
Base-mounted motor. Not top heavy and unstable.

Air inlet
Up to 20 litres of air drawn in per second, generating primary airflow.

Temperature control
1°C to 37°C precision.

dyson air multiplier

No blades. No buffeting.

dyson hot

Long-range heat projection
for fast room heating.

Guaranteed for 2 years. Parts and labour.
For advice and support, please contact
the Dyson customer care team.

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