

DRIMASTER ANTI-CONDENSATION UNIT

Condensation dampness is more common than you think, particularly in older homes. As winter sets in and the temperature starts to drop many of us will notice the problem more.



PIV How does it work?

CREATES A HEALTHY LIVING ENVIRONMENT

Significantly improves indoor air quality by removing indoor air pollutants such as carbon monoxide and keeping out external pollutants such as traffic fumes and pollen.

MOISTURE AND CONDENSATION ARE DRIVEN OUT

The filtered air gently pressurises the home from inside out, forcing out the stale air.



NO NEED TO OPEN WINDOWS TO VENTILATE

Clean, fresh air is continuously drawn in through the lofts natural leakage points, passed through the filters and fed into the property via a central hallway diffuser.

The Drimaster Anti-Condensation Unit offers a ventilation solution for the whole property, using the tried and tested Positive Input Ventilation (PIV) principle, where a small amount of fresh, filtered air is introduced into the home at a continuous rate, encouraging movement of air from inside to outside. This process prevents condensation and removes allergens such as dust mites and the pollutants caused by cooking and cleaning from the air. The results are a fresh and healthy indoor environment in which condensation and mould cannot exist, and where indoor pollutants including harmful Radon gas are kept to a minimum - all great news for allergy sufferers.

- **Prevents condensation dampness.** Drimaster reduces the humidity levels in the air, preventing condensation mould growth and controlling dust-mite allergens.
- **Improves indoor air quality.** Indoor pollutants from cooking and cleaning are removed, while outdoor pollutants including pollen and radon gas are kept out.
- **Health benefits.** Clinically proven to help allergy and asthma sufferers.
- **Extremely low power consumption.** Costs around 1p per day to run.
- **Easy installation and very low maintenance.** Filter clean or replacement every five years.
- **5 Year Warranty.** For peace of mind.

DRIMASTER ANTI-CONDENSATION UNIT

Condensation dampness is more common than you think, particularly in older homes. As winter sets in and the temperature starts to drop many of us will notice the problem more.

WHAT WILL HAPPEN IF I DON'T VENTILATE?

The average daily moisture production within a home, from everyday activities such as cooking and bathing, is typically around 5-10 litres.

Drying clothes indoors and keeping windows closed whilst cooking and bathing, without effective ventilation, will only increase those moisture levels further.

High moisture in homes that are not adequately ventilated is of course associated with condensation, dust mites and increased mould spore concentrations, all leading to poor indoor air quality.



DRIMASTER ANTI-CONDENSATION UNIT: FREQUENTLY ASKED QUESTIONS

Will it still work if I have closed doors in the house?

Yes. There will be gaps around the edges of the doors, which will enable the fresh air to flow throughout the property.

Is the Drimaster Suitable for any size house

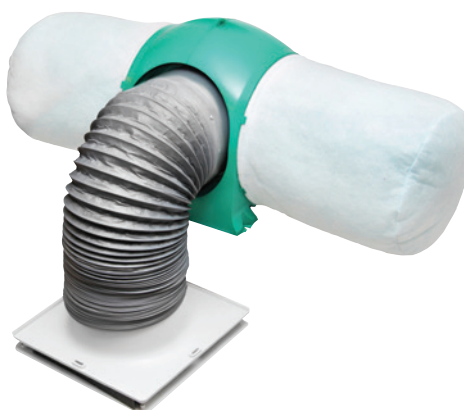
The Drimaster is best suited to properties up to 200m².

Is it cold?

The air being brought into the property does come from outside, however warm air lost at ceiling level will be regained via the diffuser. You may notice the air movement, but this is very gentle.

What does the heater actually do?

The heater will take the chill off the air being brought into the property, making it a comfortable temperature when it is fed into the home.



Will I hear it running?

No. The Drimaster unit is 'whisper-quiet'.

Why does the diffuser have to sit in the hallway?

The diffuser sits in the hallway as the majority of the rooms are situated off it, allowing the Drimaster to actively pressurise the whole property.

Can anyone install it?

A qualified electrician should be more than capable of fitting the Drimaster.

Do I need additional loft ventilation?

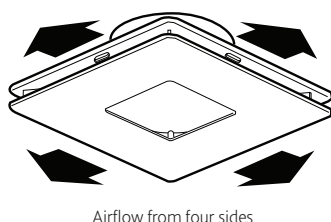
The Drimaster uses natural loft ventilation. To check for this, look for natural daylight in the loft, or feel for natural air movement. If you cannot detect any, you may need to install a roof cowl (or similar) for additional ventilation.

Is it expensive to run?

No. The Drimaster costs as little as 1p per day to run.

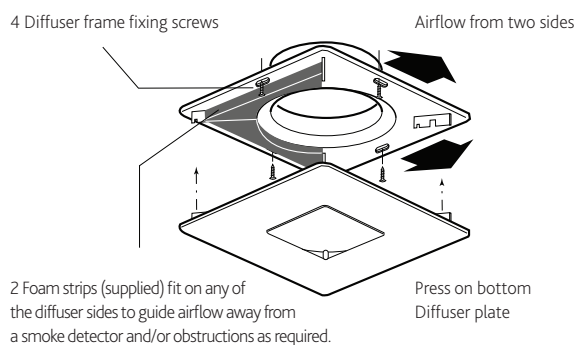
Follow the installation and maintenance document supplied with the unit, paying particular attention to;

- 1.1. Loft ventilation; whilst the system is fully automatic its obviously drawing air from the loft and this air has to be replaced.
 - 1.1.1. A loft sealed from the outside will have a detrimental effect on the DRIMASTER's efficiency.
 - 1.1.2. A loft floor or room ceilings below which contain unsealed holes or recessed lighting such as spotlights can allow the air to be drawn from the dwelling and hence re circulate it. Also ensure the loft hatch is sealed airtight.
- 1.2. The position of the unit's supply air diffuser in the landing ceiling should be carefully considered.
 - 1.2.1. Be aware of the possibility of asbestos in the ceilings and the regulations requiring a test before you cut the hole.
 - 1.2.2. Site the diffuser so that the airflow from it will be of least annoyance to the householder. **Note: The positioning of the diffuser should be in strict accordance with the table shown below to ensure correct operation:-**

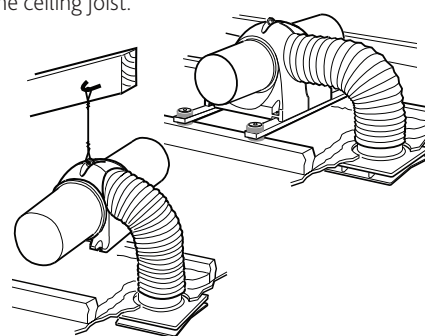


Speed Setting	Minimum distance of diffuser from wall
1	100mm
2	155mm
3	400mm
4	625mm
5	850mm
6	1000mm

- 1.2.3. Site the diffuser so that nothing i.e. smoke alarms are within 1 Metre of it, and that the air doesn't discharge directly to a wall.
- 1.2.4. Normally the diffuser discharges air from all four sides but is supplied with foam strips to blank any side with the potential for nuisance. (see fig. above right).



- 1.3. The position of the unit.
 - 1.3.1. Units can be installed suspended from the roof joist or mounted on the ceiling joist.



- 1.3.2. Although the unit is exceptionally quiet try to keep it away from 'over bed' positions.
- 1.3.3. The unit is supplied with a pre wired mains to low voltage power supply and a mains fused spur box, as the unit is to be on at all times for effective ventilation ensure the power supply cannot be manually disrupted.
- 1.4. Setting to work.
 - 1.4.1. Set the DRIMASTER speed appropriate to the size and type of property, as detailed in the installation guide supplied with the unit.

2.0 On maintenance

None required in the first five years.

3.0 On spares

The only replaceable items on a DRIMASTER are the filters and they only after five years, should a control or motor defect arise then complete unit replacement is recommended.

Note: If you have a wet room which is not situated off the main hallway, ie an en suite, you may need additional ventilation for these, such as a [Nuaire dMEV](#) decentralised extract fan.

FOR HOMES WITH LOFTS			FOR HOMES WITH NO LOFT	
Drimaster	Drimaster Heat	Drimaster 2000	Flatmaster	Flatmaster 2000
The Drimaster provides whole house ventilation for two and three storey homes.	The Drimaster Heat comes with all the functionality of our Drimaster however has an integral heater to provide heating on cooler days.	The Drimaster 2000 comes with an intelligent sensor that will measure when the temperature in the loft is higher than in your home. The system will then boost to provide your home with the heat gained from the loft.	Specifically designed for homes without lofts but can be used to ventilate basements and cellars.	The Flatmaster 2000 comes with all the functionality of our Flatmaster but with an integral heater to provide heating on cooler days.

DRIMASTER

■ USER GUIDE FOR OCCUPANTS

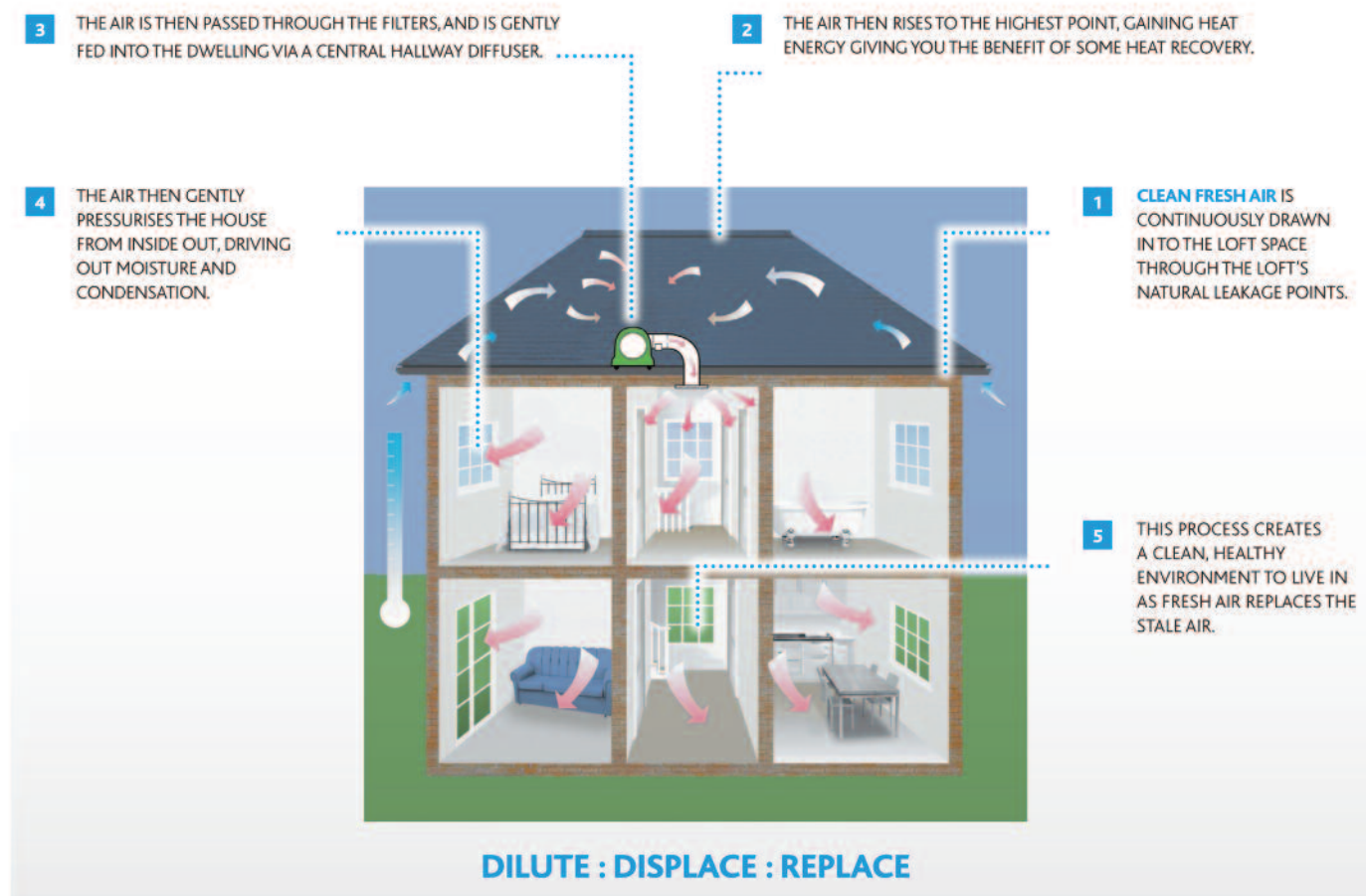


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■ HOW DOES IT WORK?



■ Located in your loft space, the Drimaster unit will continuously draw fresh air that comes into your home through natural leakage points in the loft space (see 1 & 2 in above diagram).

■ The air is drawn into the Drimaster through the filters and is gently fed into your home via a diffuser that is located in the ceiling of your central hallway (see 3 in above diagram)

■ The fresh air drawn into your home will ensure that old, contaminated and moisture-laden air in your home is continuously diluted, displaced and replaced with good quality, fresh air. The result is an environment in which condensation dampness cannot exist, and where allergens and pollutants are kept to a minimum (see 4 in the above diagram).

■ USER GUIDE FOR OCCUPANTS

■ WHY DO I NEED A DRIMASTER UNIT IN MY HOME AND HOW WILL IT BENEFIT ME?



- Condensation dampness is more common than you may think, particularly in older homes that are poorly ventilated. Excess moisture is produced by every day activities such as bathing, cooking, washing and drying your clothes inside.
- Condensed water provides the ideal conditions for mould spores already in the air to germinate and grow, damaging your walls, furniture and clothes and contributing to health problems.
- The humidity can also increase the number of dust mite allergens in the home, which can aggravate the symptoms of asthma.
- Having the unit in your home prevents condensation by keeping moisture levels low and when used correctly, it will protect your home from mould/damp.
- Research has shown that preventing moisture in a home can reduce allergic reactions to dust mites and other pollutants that affect those suffering from respiratory disorders. The correct use and maintenance of your ventilation system will help to achieve this.
- The unit will improve your indoor air quality and create a healthier living environment.

■ USER GUIDE FOR OCCUPANTS

■ HOW DO I OPERATE THE UNIT?

At installation your unit will have been set to run continuously to a level that will adequately ventilate your home for the majority of the day.

- The simple answer is you don't. The unit is designed to run automatically. As house sizes and occupancy levels vary, your Drimaster has 6 speed controls which can be adjusted to exactly suit your home. The appropriate speed control for your home will be selected by your installer.

■ WHAT MAINTENANCE IS REQUIRED?

- To maintain the optimum performance of your Drimaster, the filter must be kept clean and clear. When the filter becomes dirty, the unit does not input as much air into the dwelling, creating the opportunity for condensation and musty smells to become evident. This will be a signal that you need to have the filter checked and replaced/cleaned as necessary.
- In terms of maintenance, the Drimaster requires very little attention. A replacement of the filters every 5 years is the only maintenance required.

■ HOW MUCH DOES A DRIMASTER COST TO RUN?

- To run the unit, electrical consumption would (typically) be about 1p per day. However, it should be remembered that the unit is making use of heat at ceiling level which would otherwise be lost. The unit will switch itself into standby mode when temperatures reach such that condensation would not occur within your home e.g during the summertime.

■ IF I NEED SOME ADVICE, WHO DO I CONTACT?

In the first instance please contact your housing provider or Housebuilder.

Nuaire have a team of technical experts on hand to help. Our operating hours are 9am to 5pm Monday to Friday (excluding Bank Holiday`s) contact us on 029 2085 8400 (option 2).

When calling Nuaire if possible please check your fan for the serial number located on the fan label.