

VENTILATION DUAL FLOW

Duolix Max for New Homes

Duolix for Existing Homes



VENTILATION

Dual Flow.

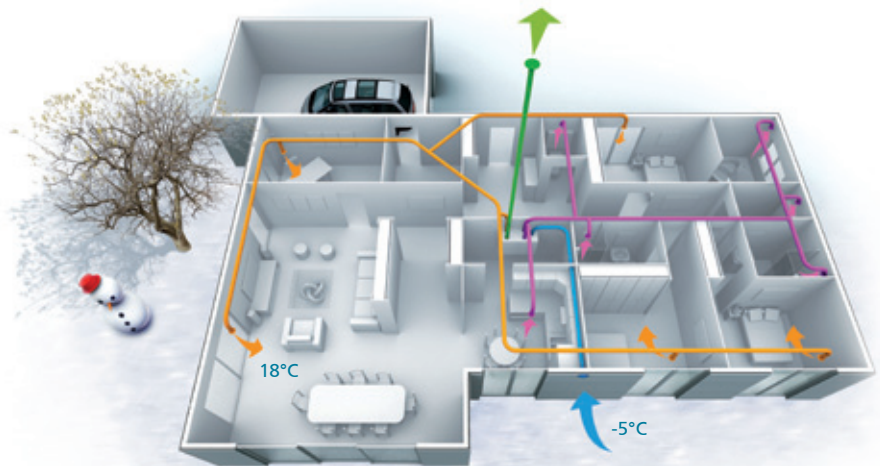
- SUPERB COMFORT
- QUALITY HEALTHY AIR
- ECOLOGICALLY SUSTAINABLE



Atlantic's heat recovery ventilation systems extracts stale, moisture-laden air from the toilets, bathrooms and kitchens and replaces it with warm, dry filtered fresh air ducted into bedrooms and living areas.

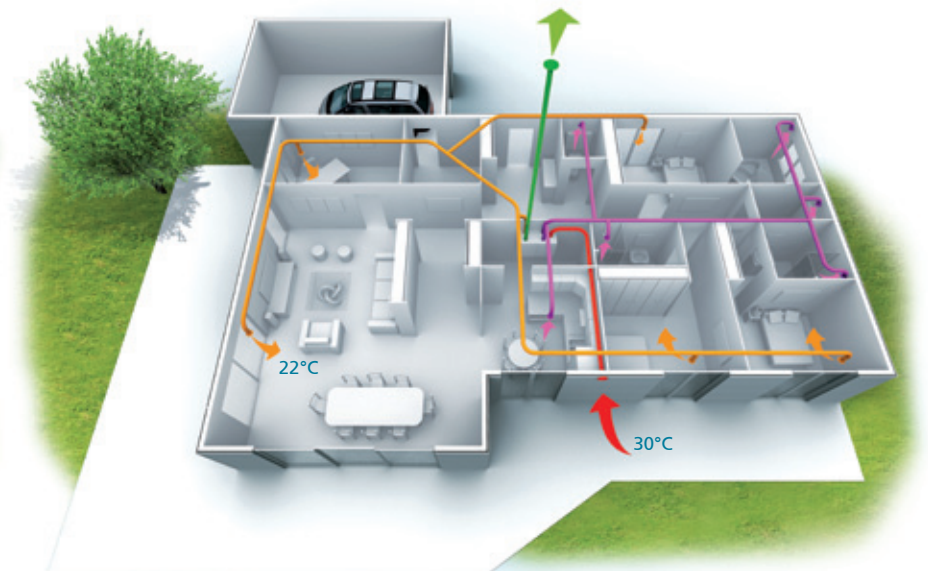
❖ Winter

In winter, fresh air is drawn from the outside. The heat exchanger transfers the warmth from the air being expelled to the air coming in. **This saves on heating costs!** The fresh air is also filtered.



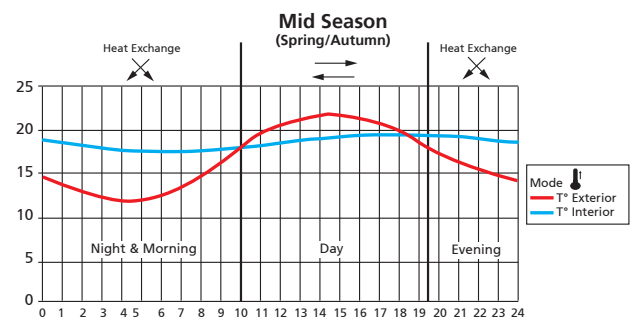
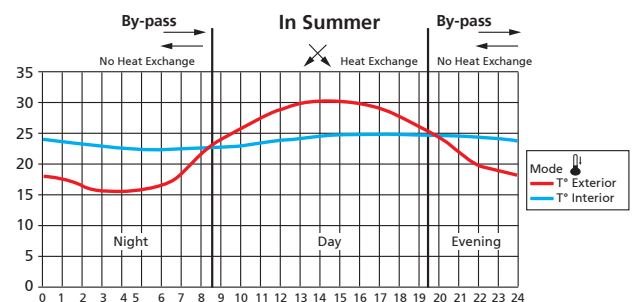
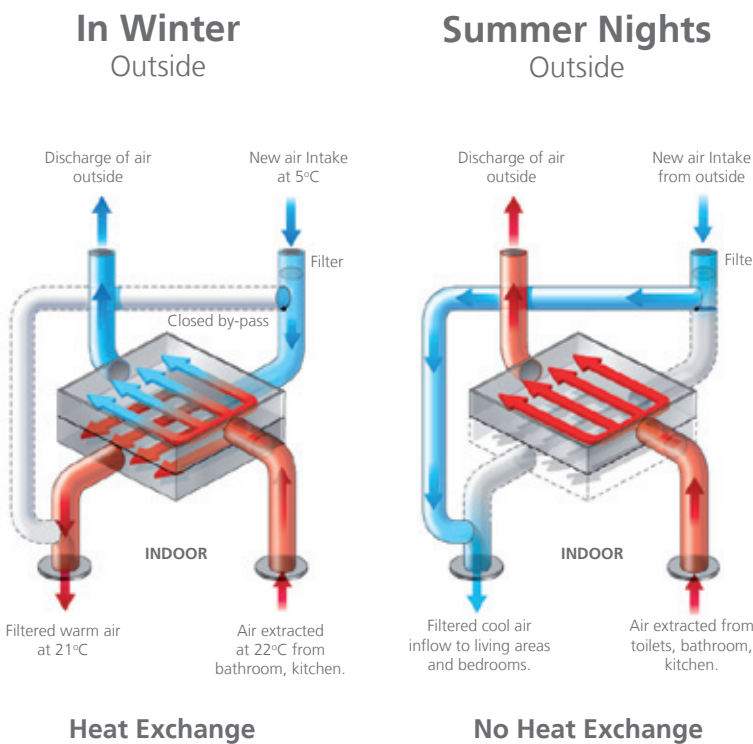
❖ Summer

Over summer, during the early morning and evening, cool dry air is drawn in, filtered and circulated into bedrooms and living areas. The in-coming air by-passes the heat exchanger. Moisture-laden air and odours are continually extracted from toilets, bathrooms and kitchens.



HIGH PERFORMANCE HEAT EXCHANGER

Atlantic high Performance heat exchanger is up to 91.5% efficient. Smart seasonal management is controlled by the automatic by-pass.



Duolix Max Geothermal

The Low Carbon Sustainable Heating and Cooling System!

The Atlantic Geothermal kit connects directly into the Duolix Max home ventilation system.

This system uses the temperature in the soil to heat and cool your home. The geothermal unit switches automatically depending on the outside air temperature.

In Victoria, the subsurface soil temperature at 3 meters ranges between 14°C to 18°C. By drawing air through a pipe laid underground, air is naturally heated in winter before entering the home. In summer air is naturally cooled before circulating in your home. Underground heat exchange substantially reduces the amount of electricity required to heat or cool a building.

COMFORT & ENERGY SAVING

The Winning Duo!

Comfort and retaining energy within a home.

duolixMAX

DOUBLE CENTRAL FLOW
HIGH PERFORMANCE



Up to 30% saving on heating.

- Up to 91.5% recovery of the air energy.
- Maximum return on heat recovery: high performance heat exchanger.



- Easy access.
- Sliding filters.
- Remote control information.
- Indicators to change filters.

ACOUSTIC AND THERMAL COMFORT

- Quiet operation with in-built sound baffles.
- Inflow air heated in winter / cool air circulated in summer.

FILTERED AIR

Ideal solution to allergy problems

- High efficiency filters (pollen, dust exhaust, soot).
- Ecologically designed.
- Ecological filter.

EASY MAINTENANCE AND REMOTE CONTROL

- Remote hand held keypad.
- Magnetic front cover for quick access.
- Easy access to filters.
- Sliding filters.

Easy to
replace
filters!



DUOLIX MAX

User Friendly Remote Control.



INTUITIVE REMOTE CONTROL

- Easy to use.
- Information screen.
- Indicates temperature at inlet and outlet.
- Indicates energy savings.
- Installer functions / diagnostics.
- User functions.



INSTALLER MODE

- Adjust air flows.
- Adjusts balance between stale and clean air.
- Manual or auto selection of the by-pass mode.
- Temperature adjustment of the by-pass.
- Management of the Canadian Well option.
- Performs auto diagnosis.
- Lock selected functions.



CUSTOMER MODE

- Select functions.
- Indicates temperature at inlet and outlet.
- Indicates energy savings and efficiency.



DUOLIX MAX

Innovation in ventilation.

The diagram illustrates the Duolix Max ventilation unit's operation and features. It shows a white rectangular unit with dimensions 490mm width, 785mm depth, and 754mm height. Air flow is indicated by arrows: 'Polluted air extracted' from the top, 'Polluted air from bathroom & toilets' and 'Polluted air from kitchen' entering from the top, and 'FRESH AIR IN' entering from the bottom. 'FRESH AIR TO LIVING AREAS & BEDROOMS' is shown exiting from the top. A remote controller and the 'EXCLUSIVITE' logo are also shown.

COMPACT NETWORK
- Outlets 125mm

EXCLUSIVE REMOTE CONTROL
- Remote controller

EASY MAINTENANCE
- Magnetic clip front cover
- Easy opening to access filters

EASY TO USE
- Electronic Card

ENERGY SAVINGS
- High capacity exchanger up to 91.5% heat recovery

SUMMER & WINTER COMFORT
- Automatic by-pass of the exchanger

EASY TO INSTALL

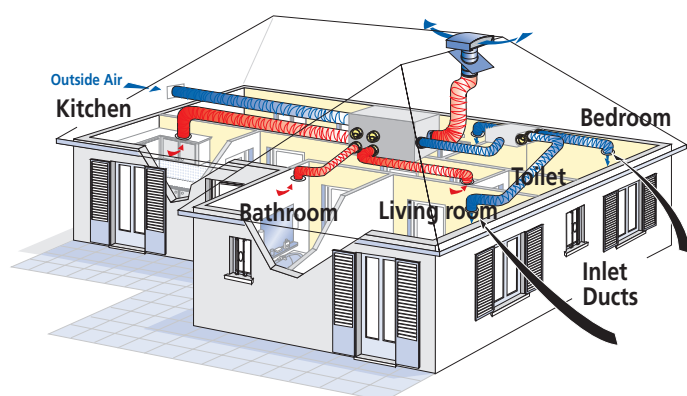
HYGIENIC - ELIMINATES ALLERGY SOURCES
- High efficiency sliding filter (F7)

Technical Sheet

- Chamber construction, sheet metal, white gloss paint, compact.
- Magnetic clipped front cover.
- Remote controlled system.
- High efficiency heat exchanger up to 91.5%.
- 100% airtight by-pass.
- Low consumption motor (24 to 93 Watts) depending on airflow setting.
- Medical grade air filters (F7).
- Kitchen boost extraction.
- Weight 40 Kgs.

DUOLIX DUAL FLOW

The perfect retrofit ventilation system for optimum comfort and a healthy home.



Duolix suits existing and new homes, where quality air ventilation and heat retention is required.

CHARACTERISTICS

- For houses with 1-6 bathrooms or toilets plus 7 other rooms.
- Equipped with two exhaust fans for extraction of stale and moisture-laden air from toilets, bathroom and kitchen.
- A fan takes clean air from the outside and transfers it to the bedrooms and living areas after passing through the heat exchanger and filters.
- The heat exchanger recovers up to 65% of heat from the extracted air and transfers it to the incoming fresh air.
- Remote boost switch for the kitchen.

PRODUCT

Comfort

- Quiet air flow.
- No cold air enters the home as it is preheated.

Hygiene

- The air is filtered therefore no dust, pollens and other particulate matter enters the home.

Economy

- Recovery of up to 65% of heat in the home translates to savings on heating bills.

For a complete installation



Air Out Room Vents

Blowing Opening



Type PB 80 R

Roof Hat



Type CPR 125

Flexible Duct



Air In Room Vents

Extract Openings



New Air Intake



Type ME 125

Box of New Air Supply



Type NEO CD ou CPI

Cordless Remote



EUROPE'S FINEST ECO HOME VENTILATION SYSTEMS



Duolix Max Dual flow ventilation


The Duolix Max ventilation system is your perfect new build ventilation solution. Suits all types of homes with 1-6 bathrooms/toilets plus up to 9 other rooms.

- Provides quality, filtered fresh air throughout your home.
- Warm air is evenly distributed.
- The heat exchanger reclaims up to 91.5% of thermal energy from extracted air.
- Exhausts stale air containing odours and pollutants.
- Removes moisture.
- Reduces heating and cooling energy costs.
- Quiet.
- Weight 45 Kg.
- Energy savings up to 30%.

Remote Wi-Fi control of all functions.

Location of the unit is in a cupboard, laundry or garage.

Air flow max 300 m³h / 100 Pa.

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- **Superb comfort**
 - **Healthy air**
 - **Ecologically sustainable**

Duolix Dual flow ventilation

The Duolix ventilation system is your perfect retrofit ventilation solution. Suits all types of homes with 1-4 bathrooms/toilets plus up to 7 other rooms.

- Provides quality, filtered fresh air throughout your home.
- Warm air is evenly distributed.
- The heat exchanger reclaims 65% of thermal energy from extracted air.
- Exhausts stale air containing odours and pollutants.
- Removes moisture.
- Reduces heating and cooling energy costs.
- Quiet.
- Weight 19 Kg.
- Energy savings up to 15%.

Remote Wi-Fi control for kitchen boost air extraction.

Location of the Duolix unit is in the roof cavity.

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