

NEW

**BROOKVENT**

**aircycle** SOLO

---

# IMPROVE INDOOR AIR QUALITY

*Single Room Alternate Flow with Heat Retention*



Retrofit



[brookvent.co.uk](http://brookvent.co.uk)



## *Single Room Alternate Flow with Heat Retention*

### APPLICATION

A continuously running, low energy, ultra quiet, alternate flow supply and extract fan with heat retention for use in habitable areas such as living rooms, bedrooms, dining rooms, basements and hallways.

The unit helps a room "breathe" and reduces indoor air pollutants and humidity levels. The unit is ideal for tackling problems associated with condensation dampness such as mould growth.

### OPERATION

Every 70 seconds the unit alternates between supply and extract fan modes. When in extract mode the unit's high efficiency ceramic heat exchanger collects and retains heat from the extracted air. The majority of this heat is then transferred to the incoming air during supply mode.

This method of operation avoids the short circuiting of air that can often happen with conventional single room heat recovery units, resulting in much more effective room ventilation.

Units can also be set to work in harmony with each other e.g. when a unit in one room is extracting air another unit in another room can be set to supply air. This can greatly enhance cross ventilation and ventilation effectiveness in a home.

### FEATURES / BENEFITS

**Extremely low power consumption** Costs less than £2 a year to run for continuous operation on low speed.

**Energy efficient** Integral Regenerative Heat Exchanger with up to 90% efficiency.

**Ultra quiet** Almost imperceptible noise levels on lower settings.

**Aesthetically pleasing** Attractive internal front fascia blends well with most wall finishes.

**Wide application range** 2 models each with 3 different airflow settings to choose from.

**Rigorously tested to relevant standards** Each fan is individually tested prior to leaving the factory.

**Optional user controller** Which can control 1-4 units allowing selection of off/speed 1/speed 2/speed 3/extract or supply only.

**Warranty** Each aircycle SOLO has a FIVE year warranty as standard\*.

### VERSIONS

aircycle SOLO - 100mm  
aircycle SOLO - 150mm

Product Code: AF 90-CYC-SL-100  
Product Code: AF 90-CYC-SL-150

### CONDENSATION CONTROL & IMPROVED AIR QUALITY FOR BEDROOMS, LIVING ROOMS, DINING ROOMS, HALLWAYS & BASEMENTS

**ULTRA QUIET**  
**VERY LOW RUNNING COSTS**  
**HEAT RETENTION**  
**WIDE OPERATING RANGE**  
**VARIOUS CONTROL OPTIONS**





**EC** EC  
MOTOR

**HEALTHY  
IAQ**

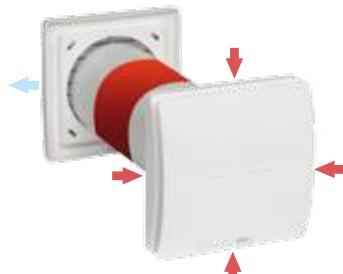
**5** YEAR  
WARRANTY

## PERFORMANCE DATA

Model	Airflow L/s	Power W max	Sound Pressure dB(A) @ 3m
SOLO 100	3 / 4 / 7	1.2 / 1.7 / 2.6	9 / 15 / 29
SOLO 150	6 / 11 / 17	1.4 / 2.3 / 3.8	8 / 18 / 26

220-240V. 50Hz. Air performance measured according to ISO 5801 at 230V 50Hz, air density 1.2 kg/m<sup>3</sup>.  
Pressure sound level at 3m in free field.

## HEAT RETENTION



Unit on extraction and heat retention mode

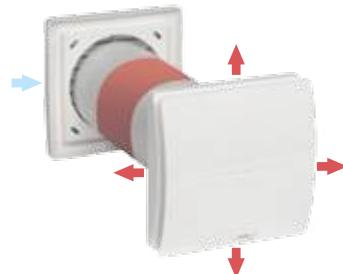
Telescopic wall duct

Aerodynamically shaped casing

Low energy, ultra quiet alternate flow supply and extract fan

Attractive front fascia

## HEAT TRANSFER



Unit on supply and heat transfer mode

External grille with insect net

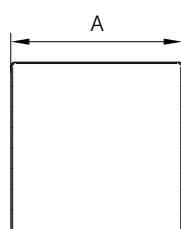
Regenerative honeycomb ceramic heat exchanger

Removable dust filter

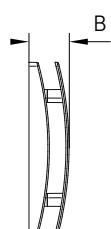
## DIMENSIONAL DATA

Model	A	B	C	D	E
SOLO 100	164	46	164	270-510	108
SOLO 150	218	51	218	300-560	158

Dimensions in mm.



INTERNAL FASCIA



EXTERNAL GRILLE

## CONTROLS



Optional user controller  
to operate 1-4 units.  
AF-70-70-BST-SL

## **BROOKVENT**

Brook House  
Dunmurry Industrial Estate  
Dunmurry  
Belfast  
BT17 9HU

T +44 (0)28 9061 6505  
F +44 (0)28 9061 6518  
E info@brookvent.co.uk