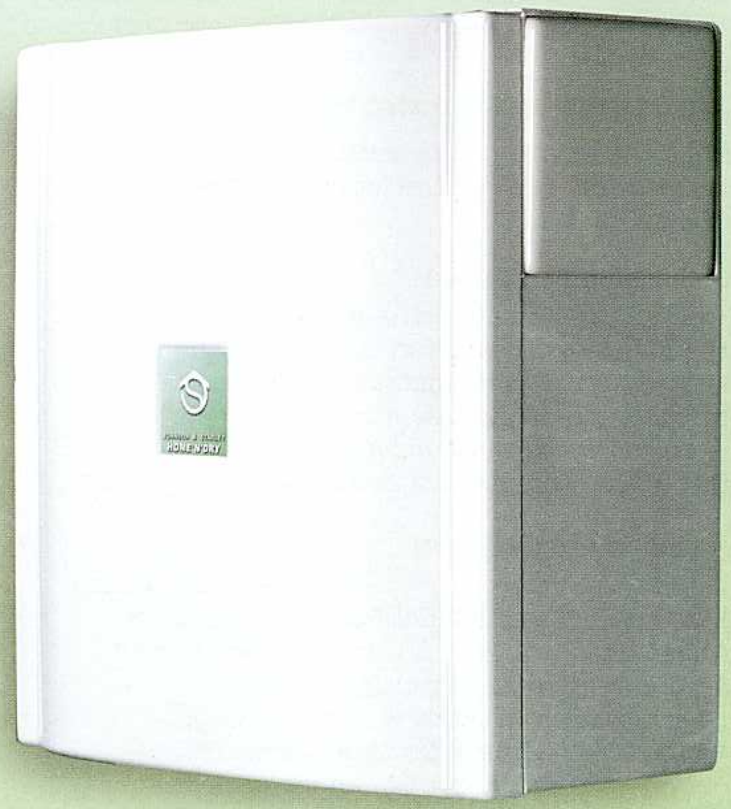




Johnson & Starley

# ventilation solutions



**Home'n'Dry WALL**

## Application

Home'n'Dry WALL is a Whole Dwelling Ventilation System, normally fitted on the wall of the hallway or in a suitable cupboard. The unit introduces a constant flow of filtered, tempered air into the dwelling, providing a constant flow of dry air which reduces R.H. The system will create a positive pressure and stale air escapes through the fabric of the building. (See F1 alternative approaches and BS5250).

## Advanced Automatic Control

Once the unit is commissioned it will run automatically without adjustment from the householder.

### Selectable Fan Speeds

The fan can be set to the optimum speed by the infinitely variable fan speed selector (see chart). A very important feature in terms of nuisance free operation. If the fan is too slow the system would not work, if too fast, the system could cause draughts.

### Temperature Selection

The electronic control is factory set to operate between 5°C and 24°C air inlet temperature. Above 24°C or below 5°C the unit will switch off and re-start automatically when temperatures fall back within the range. However, a number of control temperature options are available and can be easily set at commissioning.

### Hour Run Meter

The control panel has an integral hour run meter so that the unit can be checked for length of running period.

### Spike protection

Electrical spikes cause erratic operation and even failure of electronics. The control panel incorporates in-built protection against spikes.

### Remote Override Option

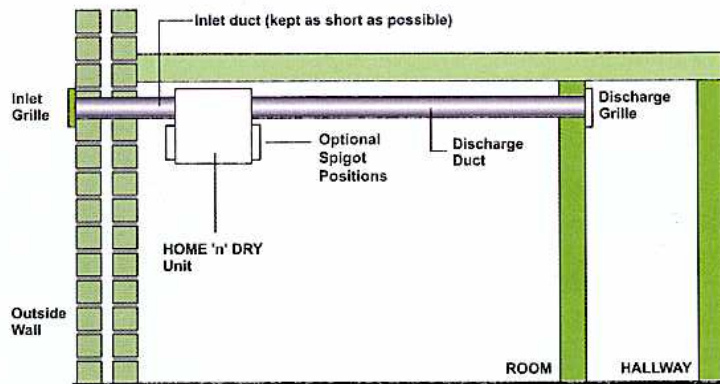
The control system has provision for a remote override switch / humidistat in order to offer advanced control options.

### D.C. Fan - Low Running Cost

Because the unit uses a low wattage D.C. motor running costs are kept to a minimum - less than 1p a day.

### Heater Option

In line heater to further temper incoming fresh air. Nominal output 250 Watts.



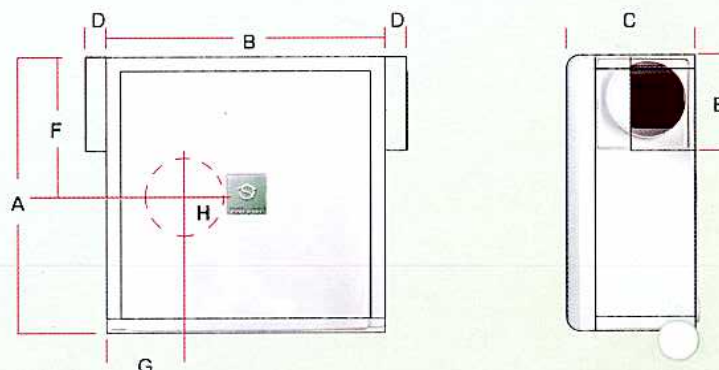
## Simple Installation

Home'n'Dry WALL can be installed within a couple of hours with minimal disruption to the occupants. Inlet and supply ducting can be round or rectangular (spigots supplied) with the option for a rear concealed inlet (see diagram). The unit is suitable for left or right handed applications.

## Fan speed settings

<b>Setting 1:</b>	12 litres/sec	6 watts
<b>Setting 2:</b>	16 litres/sec	9 watts
<b>Setting 3:</b>	20 litres/sec	11 watts
<b>Setting 4:</b>	24 litres/sec	13 watts

## Dimensions



<b>A</b>	=	360mm
<b>B</b>	=	360mm
<b>C</b>	=	175mm
<b>D</b>	=	35 mm
<b>E</b>	=	100mm dia or 110 x 54mm
<b>F</b>	=	170mm
<b>G</b>	=	70mm
<b>H</b>	=	100mm dia

<b>CAPACITY:</b>	Dwellings up to 200m <sup>3</sup>
<b>COLOUR:</b>	White
<b>FILTER:</b>	EU Grade 3 synthetic material
<b>WEIGHT:</b>	5.4kg
<b>ELECTRICAL:</b>	Fuse 3amp, 230v 50Hz supply 1.8M Cable supply fitted
<b>CASING:</b>	Fire retardant A.B.S.

## Johnson & Starley Ltd

Rhosili Road, Brackmills, Northampton NN4 7LZ

Tel: 01604 762881 Fax: 01604 767408

Web: [www.johnsonandstarleyltd.co.uk](http://www.johnsonandstarleyltd.co.uk)

Pub No. ZZ1131/1 NOV 01

(Johnson & Starley reserve the right to change specification and design without prior notice)