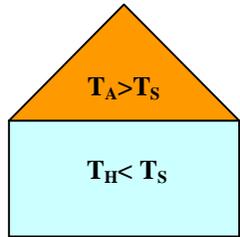


## Controller Operation

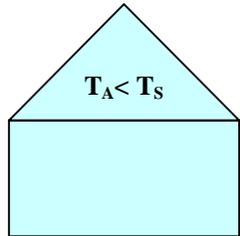
Congratulations on purchasing a Dry-Matic DM07C, designed to Deliver a Dry Healthy Home by maintaining a positive trickle ventilation 24 hrs per day, 7 days per week - automatically.

The control system incorporates a temperature sensor in the attic controller and a temperature sensor and setpoint control in the hall control module.

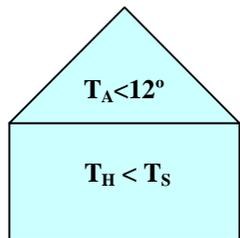
The control system operates in the following modes:-



**Heat Recovery Mode** – If heat is available in the attic  $T_A$  (temp above setpoint  $T_S$ , for example solar gain through roof) and hall  $T_H$  is cold (temp below setpoint  $T_S$ ) fan will run on Hi to maximize heat recovery.

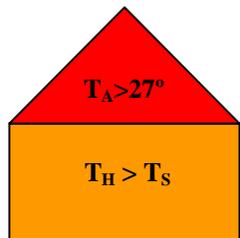


**Anti-Condensation Mode** – If attic  $T_A$  cool (below setpoint  $T_S$ ) fan operates on Lo to maintain a positive trickle ventilation.



**Heat Mode** – With Heat Mode switch on, when attic temp  $T_A$  gets below  $12^\circ\text{C}$  and hall  $T_H$  is cold (below setpoint  $T_S$ ) then fan and auxiliary heater operates (Hi fan indicator flashes) to provide tempering of the supply air which provides background heat and considerably enhances the system anti-condensation capability.

Note it is suggested that Heat mode is set on during colder months, and can be switched off during warmer months or while on holiday. To minimize running cost it can be switched on only for colder nights, and off during the day.

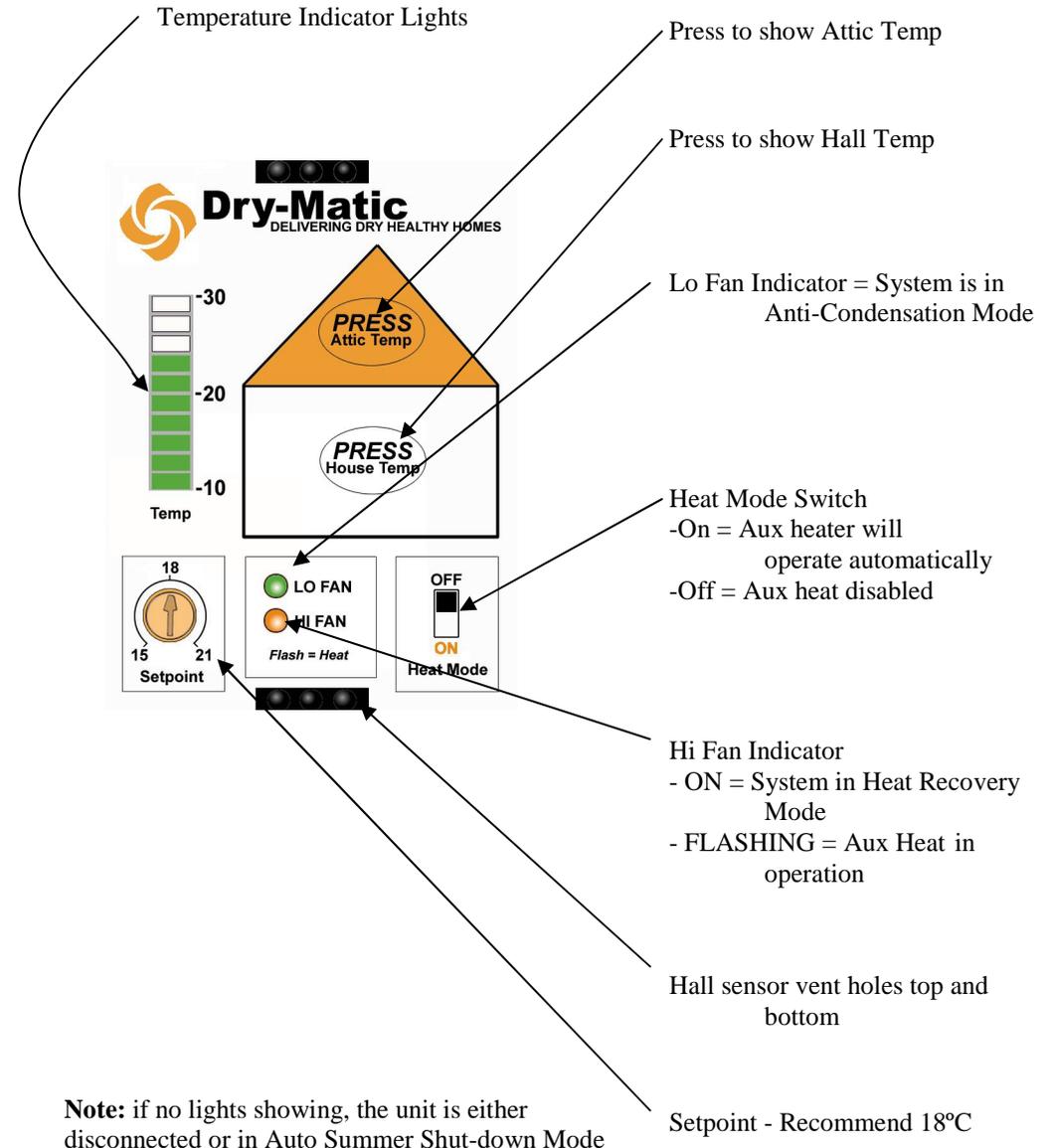


**Auto Off Mode** – Should attic temp  $T_A$  exceed  $27^\circ\text{C}$  and hall  $T_H$  is hot (temp above setpoint  $T_S$ ) system will shut down.

The Hall control module also has facility to display Attic Temp (by pressing attic pushbutton) and Hall Temp (by pressing hall pushbutton). This allows the homeowner to monitor conditions and fine tune the setpoint to best suit the conditions.

It is initially recommended that the setpoint be set and left at  $18^\circ\text{C}$  during the colder months until the user becomes familiar with the system.

## User Controls



Please keep these instructions

May we suggest that these instructions be attached to the inside of a cupboard door (e.g. hot water cylinder cupboard), for easy reference for yourselves and any future house owners.