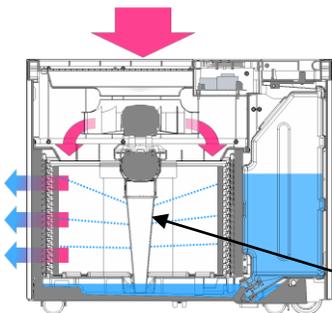


**For relative humidity control 40%-60% for most conservation applications**

## Defensor PH15 humidifier - help guide



Water carriage



The PH15 is normally set at 50%\* RH fan speed 2 combi & locked

ON / OFF

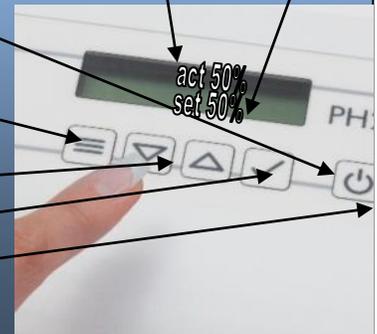
MENU (lock / unlock - hold 3 secs)

UP/DOWN settings

ENTER

Water empty light

Actual humidity/set point



**\*We recommend changing the setting to 45% during frosty weather, unless you have a plumbed in ( auto-fill) . This is because the tank may need filling too often to keep up with, and humidity shall drop when the tank empties (eg. overnight, weekend, bank hols etc.)**

### What if?

#### **The actual humidity falls lower than the set point 50%?**

-check water level, raise fan speed ( but not set point 50 RH%!). Check for any air losses via doors , windows and ventilation systems. This humidifier duty is calculated for one air change per hour. If water tanks are being filled regularly then this is evident of the machine working correctly.

#### **The room humidity is higher than the set point?**

Room humidity may rise temporarily above 50% during wet weather.

#### **Creaking or clunking noises are heard?**

-check that internal centrifuge cone has not become dislodged or consult Novatron.

#### **Smells or stale odors?**

Clean & disinfect mobile base tray. Replace Z57 evap.mat.

# Defensor PH28 humidifier - help guide

For relative humidity control 40%-60% for most conservation applications



The PH28 is normally set at 50%\* RH fan speed 2 combi & locked

ON / OFF

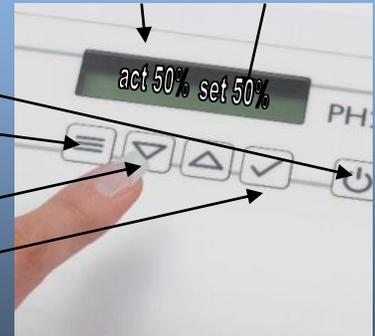
MENU (lock / unlock - hold 3 secs)

UP/DOWN settings

ENTER

Water empty light

Actual humidity/set point



*\*We recommend changing the setting to **45% during frosty weather**, unless you have a plumbed in ( auto-fill) . This is because the tank may need filling too often to keep up with, and humidity shall drop when the tank empties (eg. overnight, weekend, bank hols etc.)*

## What if?

*The actual humidity falls lower than the set point 50%?*  
-check water level, raise fan speed ( but not set point 50 RH%! ). Check for any air losses via doors , windows and ventilation systems. This humidifier duty is calculated for one air change per hour. If water tanks are being filled regularly then this is evident of the machine working correctly. **The room humidity is higher than the set point?** Room humidity may rise temporarily above 50% during wet weather.

*Creaking or clunking noises are heard?*

-check that internal drum is not jammed with lime scale. Remove rear air grille panel by lifting from lower edge to expose drum. If this fails consult Novatron.

*Smells or stale odors?*

Clean out base tray and disinfect. First remove water carriage, front air grill panel ( lift from bottom edge) & lift float sensor flap before withdrawing tray from front. Replace Z57 evap.mat by inserting into drum.

**'Cover open : error- -' shows on display**

Most likely a front or rear filter panel has become dislodged and needs to be clicked /pushed back into place to close .the internal micro switch before the machine can function.

Consult Novatron service team:  
01403 754416 [sales@novatron.co.uk](mailto:sales@novatron.co.uk)



**Full on-site service and repairs**

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