

Standard Fogger Control

The fogger function includes both temperature and timer based functions.

With appropriate settings, the fogger function can be used for fogger/misting systems, cooler pumps and any other auxiliary cooling function.

User Settings

None - Fogger is controlled automatically according to room Actual temperature compared to Set Temperature.

Configuration Settings

Note : Default values given are for typical programs. Individual programs may vary - see Logbook.

Description

Fogger switches on -

When temperature rises, the fogger is switched on when room temperature rises above Set Temp + Fogger Offset + Fogger Band.

Example : If Set Temp = 70°F, fogger switches on if temperature rises above 75°F (70 + 4 + 1°F).

Fogger switches off -

When temperature falls, fogger switches off when room temperature is below Set Temp + Fogger Offset.

Example : If Set Temp is 70°F, fogger switches off if temperature is below 74°F (70 + 4°F).

Fogger Cycling -

When the fogger is "On", it can "cycle" for better water economy, instead of running continuously.

Fogger Offset

Starting point for fogger control. Default value **4.0°F**.

Fogger Band

Switching differential for fogger control. Default value **1.0°F**.

Fogger Short Cycle

Timer cycle for burst firing. Default value 2 minutes.

Fogger Short On Time

On time during a timing cycle. Default value 30 seconds.

Note : Special fogger functions also have an optional On Table and/or Long Cycle - refer to special documentation or Technical Support if you find settings not mentioned here.

The overall cycle is set by Fogger Short Cycle, and the amount of time on in each cycle is set by Fogger Short On Time.

With the default settings (Cycle 2 mins, On Time 30 seconds), the fogger is on for 30 seconds, then off for 1½ minutes.

To run continuously (for example if running a cool cell pump) set the values the same e.g. Cycle = 1 minute, On Time = 60 seconds.

No Temperature reading -

If there is no temperature reading - because the only sensor (or all sensors) in the room - have failed or have excessive errors, foggers are switched off.