

## Config Challenge

20/03/2020

### **Automation of Restaurant Drying Rack**

#### **What I Need:**

I am a restaurant owner and in my kitchen I need drying racks for towels and cloths. At the moment as the dryer is on a switch staff turn it on and forget to turn it back off. This causes both expensive electricity bills to run the dryer while not needed, and to run the air-con all day to try and cool the room down.

I need the dryer to be set up so that at peak times it automatically runs, and is then off outside these times. My peak times are 13:00 to 15:00 and 19:00 to 22:00.

However in addition to this sometimes I run events and so the kitchen will operate at different times, so I also need a manual override that switches the dryer on for 30 minutes before automatically switching back off.

#### **What I Would Like:**

The first thing on my wishlist is that we are closed for Christmas Day and Boxing Day to let our staff spend time with their families, it would be great if the dryer would not run automatically on these days.

Secondly if possible I would like to know how much this dryer is costing me to run, I don't want to get an electricity meter fitted for this device but I can tell you that it draws 2kW when running.