

## **DRY TYPE – AUTOMATIC BLOWDOWN STYLE**

- **What are the acceptable voltages for proper input to power filter control?**

110-240/50-60/1 VAC to voltage terminals in control box

- **What voltage are the outputs from the control?**

24 VDC

- **How much lint will the lint filter collect?**

The lint filter will collect 98% (by weight) of the lint produced from the dryer(s).

- **Why won't the lint filter will not blowdown again after the first time?**

The lint filter control has an automatic delay of 30 seconds before another manual blowdown can be initiated. The purpose is to avoid the plant compressed air supply from dropping too low. The result of low air pressure may adversely affect operating plant equipment.

- **When does the lint filter clean itself?**

The lint filter will automatically blowdown when the pressure drop across the screen reaches .5" W.C. Also, when the pressure drop goes down to 0" W.C. (all dryers off). The lint filter can be manually cleaned by pressing the manual blowdown button located at the bottom of the lint filter control.

- **How do I test the Fire Control?**

This can be done by pressing the fire test button located inside the Lint filter control cabinet. Also, it can be done by applying heat from a propane torch directly to the sensor located inside the lint filter at the inspection door.

- **How much compressed air is required for proper blowdown of the lint screen?**

During each 10 second blowdown (approximately every 15 minutes) the lint filter will use 30-40 cubic feet of compressed air at 100 psi. This equates to a 3 cfm requirement if using the plant compressor. If not using a plant compressor the unit will require a minimum of a 5 HP air compressor with a 60 gallon receiver tank.

- **How will I know if I have enough compressed air?**

Measure the starting air pressure (100 psi) with the gauge (supplied by Energenics) connected at the compressed air inlet (located at the exhaust neck) of the lint filter. At the end of the 10 second blowdown the air should not drop below 60 psi.

- **If the compressed air is insufficient what is a reasonable solution?**

Install a 60 gallon receiver tank equipped with a backflow preventer (check valve) as close to the lint filter as possible. Run a 1" line from the receiver to the blowdown solenoid valve.

- **Where should I install the solenoid valves?**

The valves should be located as close to the lint filter as possible. If the installation is outside the valves should be located just prior to the piping run going outdoors.

- **My lint filter is blowing down every 20 seconds, too often?**

The lint filter should never blowdown that often. The most likely cause is that the rubber tubes are transposed to the wrong barbs. Simply swap the location of the 2 tubes and this should stop this from happening.