



□ 8 REASONS WHY ENERGENICS IS THE RIGHT CHOICE IN LINT FILTRATION

- Energenics Lint filters have less backpressure. Energenics Lint Filters are automatically cleaned when dryer recommended backpressure is exceeded. If you are drying a load of mats or other items that produce a large quantity of particulate on the screen, then you must have a Lint Filter that will clean itself during as well as at the end of the drying cycle. Energenics Lint Filters will clean at any adjustable point during the dryer cycle the dryer manufacturer chooses. This assures the airflow will allow the dryer to operate at its highest efficiency. The Lint Filter will also blow down at cycle termination. No other Lint Filter on the market is equipped with this production enhancing safety feature.
- Airwashers equipped with state-of-the-art pressure transducer controlled variable frequency drives (v.f.d.). All Energenics Airwashers equipped with a v.f.d. are now controlled with a patented pressure transducer allowing infinite ranges of speed to maintain a pressure drop at the exhaust of the lint filter to be +/- .2" w.c. There is no interconnection to each dryer. With new variable fan technology in newer batch dryers this is the only way to assure proper airflow from the Lint Filter. With this special feature plastering of loads will never occur due to excessive Lint Filter exhaust. The dryers will operate at peak efficiency.
- Energenics Controls are state-of-the-art and the safest in the industry. All Energenics Controls are 24 volts and are supplied with wiring harness to simplify and help insure a safe installation for trouble free operation. The components are UL listed and the control is powered with a UL listed transformer. National and local codes state that a control need not be UL listed in whole if the control is low voltage and is powered with a UL listed transformer. With regulations becoming more stringent you can't afford a violation because of UL non-compliance.
- Energenics Lint Filters are manufactured with 100% non-corrosive materials. Energenics filter bodies are manufactured with UL Class-2 fire retardant fiberglass or roll formed 14 gauge 304 stainless steel with pasivated welds. The metal components (internal/external) are made from a lightweight, strong aluminum alloy. The last thing you want in an environment with humid air is a rust-prone material such as mild steel. If the Lint Filter is outside the problem is worse because of the elements.
- Easy access means easy maintenance. Energenics Lint Filters come with a self sealing large inspection door that is flanged on the inside. The door seal becomes stronger when the dryer is turned on. With an Energenics Lint Filter there will be no leakage of hazardous fumes into the plant because of an improperly fastened door. In the unlikely event that a major repair is required, the body of the Lint Filter is hinged to allow the unit to be completely opened without disassembly to gain access to all of the internal components. Other Lint Filters simply do not have this important feature.
- 20% larger inlets than any other brand. When a major manufacturer of dryers increased the size of their exhaust ducts Energenics responded by undergoing expensive mold changes to allow these dryers to be installed into the filter without cost prohibitive inlet transitions.
- Optional Pre-Plumb/Pre-Wire and inlet Collars. One feature that our customers asked for was easier installation. We responded by mounting the components to the Lint Filter and actually testing the operation of the Lint Filter before shipping. This results in a simple installation because the air and water are connected to the pre-mounted solenoids and the power wires are connected at the pre-mounted transformer. The unit is now functional, With the collars already mounted the sheet metal can be done in-house with standard duct fittings. This is a real time/money saver.
- Realistic accurate CFM ratings. We get calls all of time that go something like this. "I have 4 dryers with a total of 5,800 cfm. Do I need to go to the 10,000 cfm unit?" Our response is no because our filters are rated conservatively and will handle airflow up to their rating. We are aware that another manufacturer says to reduce there rating by 20% for optimum results. Shouldn't the filter be rated lower to honestly reflect it's true capacity? We think so too.