



www.energenics.com

1470 Don Street • Naples, Florida 34104

Telephone: (239) 643-1711
Fax: (239) 643-6081
Customer Service: (800) 944-1711

September 27, 2007

BID SPECIFICATIONS

Energenics In-Line Space Saver Lint Filters

The dryer exhaust shall be equipped with an automatically cleaned, one stage dry lint filter with the following capacity and construction:

1. The filter shall be sized to clean **insert model cfm rating* cfm exhaust air with a measured resistance of no more than .3" W.C. at anytime during the dryer cycle.
2. The lint filter control shall be UL® 508A classified to include a PLC for maximum adjustability and performance. The control will have 24 VDC output voltage and be designed to meet all local and national codes.
3. The lint filter control shall automatically initiate a cleaning cycle when the filter inlet back pressure exceeds .4" W.C. (default). The backpressure set point shall be field adjustable. In addition to back pressure initiated cleaning the control must also incorporate an internal timer to allow the filter to clean at set time intervals.
4. The body of the filter shall be constructed of Class A fire retardant fiberglass meeting U.S. Navy QPL 21607, Grades 1 and 2, Class A with an ultraviolet protective coating. Or the filter body must be constructed of 304 grade stainless steel.
5. The filter media shall be a high temperature polyester monofilament fabric capable of removing 98% of all particles larger than 200 microns, collecting over 98% of the lint (by weight).
6. The Lint Filter shall have no control interconnection to the dryer resulting in 100% independent operation from the dryer.
7. The Lint Filter shall be furnished with Optional Fire Suppression which will sound an audible/visual alarm concurrent with a solenoid which will allow water spray to extinguish fire. The Fire Control system will have the ability to automatically reset.

8. The Lint Filter may be equipped with Optional Excess Pressure alarm which will sound an audible/visual alarm to indicate excess system back pressure.
9. The Lint Filter may be ordered with Optional Pre-Plumb/Pre-Wire to facilitate 80% of installation to be completed in manufacturing the Lint Filter. The Lint Filter shall be factory tested insuring proper operation upon start-up.
10. The Lint Filter may be equipped with a side discharge manufactured with 18 gauge galvanized sheet metal.

<u>MODEL</u>	<u>EXHAUST CFM</u>
FRP-4, S-4	4,000
FRP-6, S-6	6,000
FRP-10, S-10	10,000
FRP-15, S-15	15,000
FRP-20, S-20	20,000
FRP-25, S-25	25,000
FRP-30, S-30	30,000