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BID SPECIFICATIONS

Energenics Lint Filters Size #140 & #170

The dryer exhaust shall be equipped with an automatically cleaned, one stage (or two 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. The filter must be fully assembled and factory mounted on a welded aluminum frame for rigging. The inlet and outlet of the filter must be able to be rotated through 360 degrees to minimize turns and facilitate connections
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.

MODEL

EXHAUST CFM

#140
#170

8,000
15,000