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BID SPECIFICATIONS

Energenics Air Wash Series Lint Filters

The dryer exhaust shall be equipped with an automatic self cleaning water-spray 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. through the filter.
2. 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 fiberglass housing shall have a gasket joint at the horizontal centerline and otherwise no seams or joints, to eliminate cracking and leaking. The inside surface shall be highly polished with rounded corners to minimize lint buildup. The collector shall be shipped fully assembled with a 3/16" tubular steel structural frame. The booster fan shall be shipped on a separate skid for exhaust from the Lint Filter. The sump and pump shall be field installed.
3. The Lint Filter shall utilize a pressure, target spray system to produce the air washing spray. The complete spray system must be accessible from the outside of the unit. No spray nozzles with internal flow splitters shall be used. Water will be recirculated through a centrifugal pump.
4. Six cubic feet of lint storage shall be provided in one lint bag. Alternate: A dual lint sump shall be provided with 2 lint bags to hold 12 cubic feet of lint.
5. The Lint Filter shall have insert quantity collars to accept dimension dryer exhaust ducts.
6. The installer shall provide: (1) motor starters for the blower and pump with auxiliary contacts to interrupt each dryer's start circuit unless the airwasher is on, (2) 8" pvc drain pipe with a 12" to 8" transition to fit the 12" drain outlet if the sump is to mounted remotely, and (3) a minimum three foot extension.

<u>MODEL</u>	<u>EXHAUST CFM</u>
AW-8	8,000
AW-10	10,000
AW-20	20,000
AW-30	30,000
AW-40	40,000