

SPECIFICATIONS for

WET SLIMLINE LINT COLLECTOR MODEL: WLF-715

Fiberglass

System 700 models represent a design concept requiring a minimum space to install while providing large area filtration systems. All models are tall, slimline and compact, often referred to as “inline” or inside models. System 700 models are all-weather construction and may be mounted outside.

DESCRIPTION

WLF-715 models are almost identical in size to Clean Cycle’s Dry Lint Filter Model # DLF-515. The WLF-715 is designed for a wide range of applications where the CFM from the dryer exhaust is 14,000 or less, and where water may be more feasible for lint removal.

What’s the difference between the DLF-515 and the WLF-715?

DLF-515 removes lint with a fine screen element. WLF-715 removes lint with a fine water spray. Model WLF-715 requires the addition of a water reservoir, pump, valves and electrical panel.

- a) **Size**: The lint collector is 48 inches in diameter by 70” high, plus bag and tank.
- b) **Air/Water Flow**: The lint collector consists of an outer and inner cylindrical shell which produces a vortex air flow condition to ensure the incoming air is sufficiently washed by the spray nozzles before it is exhausted to the atmosphere.
- c) **Spray Nozzles**: The lint collector has spray nozzles located in the inlet chamber to properly wet lint or particulate matter entering the lint collector. The lint collector is completely sealed at all joints and is completely watertight.
- d) **Door**: The access door is installed in the inlet exhaust side of the main body chamber to allow normal maintenance. The access door is completely gasketed, hinged on one end and secured on the other end to prevent any leakage.

SPECIFICATIONS - WLF-715 (cont.)

Body (including exhaust inlet and discharge assembly) The outer and inner shell is made from one piece laminate with FRX fire retardant resin to be smooth on inside and rolled finish outside. FRX fire retardant laminating resin meets ASTM E-84 Class I (flame spread not more than 15 feet per minute). DETAILED FIRE RETARDANT INFORMATION available upon request. Inside is a continuous smooth surface.

Exhaust Intake Assembly is molded fiberglass and attached to the main filter body. Rectangular shape (30"W x 40"H) provides a 1.5" flange on all sides to facilitate any connecting duct work that may be required by dryer(s). Exhaust intake can be located on either side as required.

Exhaust-Discharge Assembly is made from stainless steel material reinforced to support screen basket assembly. This section is joined to main body with continuous "V"-shaped clamp ring which allows removal for maintenance or 360° rotation to facilitate side discharge location.

Lint Drop is 4 inches in diameter.

Lint Bag is a double lined polyester mesh (12"D x 18"L).

Sprinkler System: Eight brass spraying heads, combination of three different spray heads (flood, full and V jets) are located around the air intake assembly.

Water Tank is fabricated from minimum of ¼" fiberglass to prevent rusting and also to simplify maintenance. The tank is 30"W x 30"L x 18"H with an additional 6"W x 30"L platform for motor assembly. The water tank is equipped with a minimum ¾" diameter overflow drain and two ¾" drain holes. Equipment is installed inside the tank, separating the bag collection side from the makeup water side.

Motor/Pump Assembly: 1 hp, 115 V (12 amp) or 220 V (6 amp).

Pipe and Fittings (copper or brass):

- 1 ea. - Manual bypass valve
- 1 ea. - High volume water control valve, rust proof, no float ball
- 1 ea. - Electrical control enclosure with water tight on/off switch