

SPECIFICATIONS
700 SERIES WET LINT COLLECTOR
FIBERGLASS & STAINLESS STEEL MODELS

All System 700 models are available in either fiberglass or stainless steel body assemblies. Clean Cycle offers three sizes with CFM ratings ranging from 15,000 to 40,000 CFM.

System 700 models represent a design concept requiring minimum space to install while providing a large area filtration system. 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

Spray Nozzles: Lint collector shall have spray nozzles located in the top and sides of main chamber to properly wet lint or particulate matter entering the lint collector. Lint collector shall be completely sealed at all joints and shall be completely watertight.

Air/Water Flow: The lint collector consist of an outer and inner cylindrical shell which will produce a vortex air flow condition to ensure the incoming air is sufficiently washed by the spray nozzles is exhausted to the atmosphere.

Door: An access door shall be installed in the inlet exhaust side of the main chamber to allow normal maintenance. Access door shall be completely sealed by a gasket, hinged on one end and secured on the other end to prevent any leakage.

MAJOR SPECIFICATIONS FOR STAINLESS MODEL

Lint Collector: The lint collector can be installed indoors or outdoors and shall be totally stainless steel except for the stand, fan, and fan mounting plate.

Main Chamber: The main chamber and outlet transition shall be fabricated from minimum No. 16 MSG stainless steel.

Body and Inner Shell: Body and inner shell shall be fabricated from a minimum No. 16 MSG stainless steel.

Water Tank: The tank shall be fabricated from Fiberglass to prevent rusting and also to simplify maintenance. Water Tank shall be equipped with a minimum one 3/4 inch diameter overflow and two 3/4 inch drains. Properly sized re-circulating pump shall be located at the side of the tank. Equipment shall be installed inside the tank, separating the bag collection side from the make-up water side. Tank shall be installed within the building with a drain to the outside. Piping, connections and fittings shall be made of copper, brass or stainless steel.

MAJOR ASSEMBLY SPECIFICATIONS FOR FIBERGLASS MODEL

The fiberglass model is specified as above but is constructed with fiberglass materials verses stainless steel. All other parts are identical as specified above.

The outer and inner shell is made from one piece laminate with FRX fire retardant resin to be smooth on inside 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.

BLOWER

Air Assist Fan for lint collector shall be belt driven, tube axial type, with cast aluminum non sparking blades. Fan capacity shall have a minimum of 2HP for the WLF-715, 5HP for the WLF-725, 7.5HP for the WLF-735 and 10HP for the Model WLF-735/740. A weather guard shall be provided for fan motors.

CONTROLS

Control panel to be mounted on lint collector assembly or common support system complete with magnetic motor starters and control switches, control transformer, overloads, and wiring. Starters and control devices shall conform to NEMA standards for the horsepower motor provided.

DAMPERS

A barometric damper must be equipped when an assist blower is provided to equalize the static pressure. If the dryer(s) are not equipped with a backflow damper to prevent backflow into the dryers then one must be provided.

UTILITIES

ELECTRICAL: 115 volts or 220 1P volts for the pump motor and 208/220 volts, 3 phase, 60 cycle for blower motor. Optional 480V/3P/60Hz.

WATER: Normal tap water pressure

OPTIONAL EXTRAS

Lint Collector fan shall be controlled by an electronic variable speed drive and interlocked at an additional cost.

A stainless steel water tank is available.

Wiring, indicating lights, and other devices to start wet lint filter when the H-O-A switch is in auto position and any dryer is started. (Contact closures rated at 120-volt a-c, 10 amperes will be provided at each dryer for dryer to start indication.)