

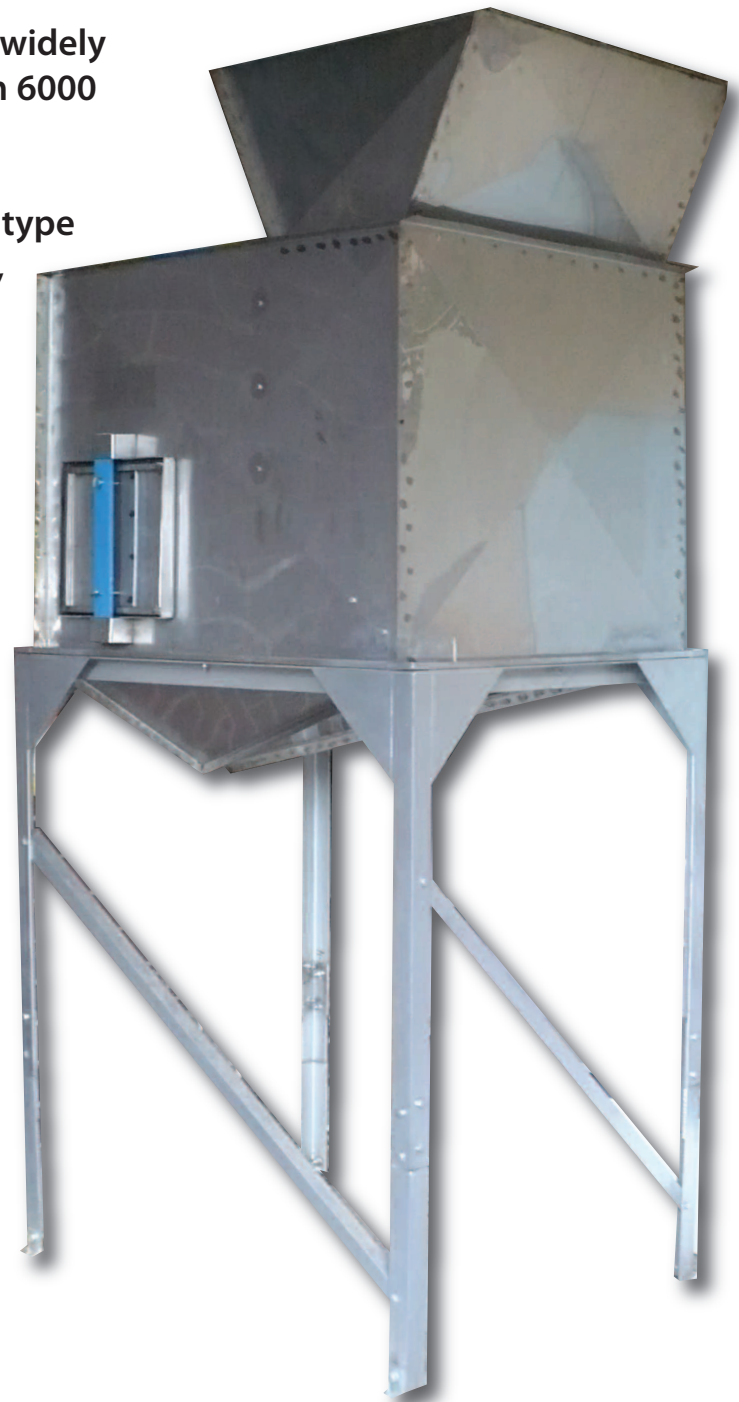
FLM "Wet Type" Lint Collector is the most widely recognized unit in the industry. Sizes from 6000 CFM to 39,000 CFM

FLM has taken the proven concept of wet type filtration and developed a new, improved, more maintenance-free lint collector.

The FLM Lint Collector features:

- **Greater Capacity** – CFM ranges from 6000 to 39000 CFM.
- **Strategically located access doors** – Locking Type – for ease of maintenance.
- **All Stainless Steel Construction**
- **Use of latest in plastics technology for water spray equipment** – Spray Header Assembly-Piping – to guarantee a lifetime of service.
- **Improved water spray pattern** to insure greater Lint Entrapment.
- **Non-Clogging spray nozzles** – minimum maintenance required.

All these additional features are provided at LOWER COST than any comparable unit.



The FLM unit is designed for a lifetime of service. The main advantages for this lint collector are:

- **SAFETY** – Wet-Type filtration eliminates the accumulation of dry, highly combustible lint inside ductwork and the surrounding laundry area.
- **EFFICIENCY** – This unit has no screens or filter media, which will clog and cause back pressure on tumblers or drying equipment.
- **COST SAVINGS** – The FLM unit is designed to offer a lifetime of service – at the lowest cost available. The cost for an FLM unit will be paid for by the improved efficiency in the drying operation within a short period.
- **FLEXIBILITY** – The FLM unit is available in capacities from 9000 to 39,000 CFM. One unit will handle any combination of drying tumblers and ironers totaling up to 39,000 CFM.

The FLM unit can be installed anywhere

- **inside • outside • roof mounted or ceiling suspended.**

MODEL SM-6

"Wet Type" Lint Collector

SPECIFICATIONS FOR FLM "WET-TYPE" LINT COLLECTOR (SM-6)

One (1) "Wet Type" Lint Collector Model SM-6 as manufactured by FLM – Fairfield Laundry Machinery Corporation, Fairfield, New Jersey. The Lint Collector shall have spray nozzles located in the roof of the main chamber to properly wet any lint or particulate matter entering the Lint collector. Internal baffles, a minimum of two (2) shall be located strategically so as to insure that the incoming air is sufficiently washed by the spray nozzles before it is exhausted to the atmosphere. The Lint Collector shall be completely sealed at all joints and shall be completely watertight.

Size, within reasonable tolerance, shall be 37" wide, 45" long, reference FLM dwg. #1941.

The Lint Collector shall be totally stainless steel except for the fan. The main chamber, and outlet transition shall be fabricated from minimum No. 20 MSG stainless steel. The main chamber shall feature one (1) piece construction with a spot-welded standing seams.

The Hopper and internal baffles shall be fabricated from a minimum No. 20 MSG stainless steel. The Hopper shall be designed so that a Lint Collector bag can be attached to the discharge end for collecting the lint.

An access door, minimum 12" by 12" shall be installed on either side of the main chamber to allow normal routine maintenance. The Access door shall be completely gasketed and secured with a bolted locking mechanism to prevent any leakage.

The Reservoir Tank, 30" wide, 30" long and 16" deep, shall be located beneath the Hopper tailpipe. The tank shall be fabricated from a minimum No. 18 MSG stainless steel to prevent rusting and also to simplify maintenance. The tank shall be equipped with a minimum 1" diameter overflow and 1" drain and ½" water makeup fittings. A properly sized re-circulating pump, ¾ HP, shall be located at the side of the tank. Tank shall have a bag storage rack for storage of the lint bags containing collected lint.

Included with the reservoir tank shall be a stainless steel baffle plate and screen rack assembly. This equipment shall be installed inside the tank, separating the bag collection side from the make-up waterside.

The outlet transition shall be designed for top discharge location. Included will be the fan mounting plate fabricated from minimum No. 11 MSG stainless steel.

The Lint Collector fan HP shall be belt-driven, tube-axial type with cast aluminum non-sparking blades. Fan housing shall be primed and painted. Fan capacity shall have a minimum range of approximately CFM. Weather guards shall be provided for fan motors when required.

Exhaust stacks equal in length. The fan diameter shall be supplied for all outside installations.

CFM capacity for this installation is approximately CFM.

Motors shall be automatically protected from overload condition. Starters shall have ambient compensation and extra auxiliary contact for alarm purposes in event of electrical problems.

The Lint Collector stand shall be fabricated from minimum 2" x 2" x 3/16" stainless steel angle iron with gusset plates at each corner.

Prospective Bidder shall visit the site and familiarize himself with all site conditions.

Work not covered by this section of the specifications:

1. Any duct work between tumblers and lint collector.
2. Any service connections (electrical or plumbing). (See FLM Dwg. #1941 for size and location).



FAIRFIELD LAUNDRY MACHINERY CORP

3 Montesano Road • Fairfield, NJ 07004-4511
973-575-4330 • Fax 973-575-8507
www.flmcorp.com
info@flmcorp.com