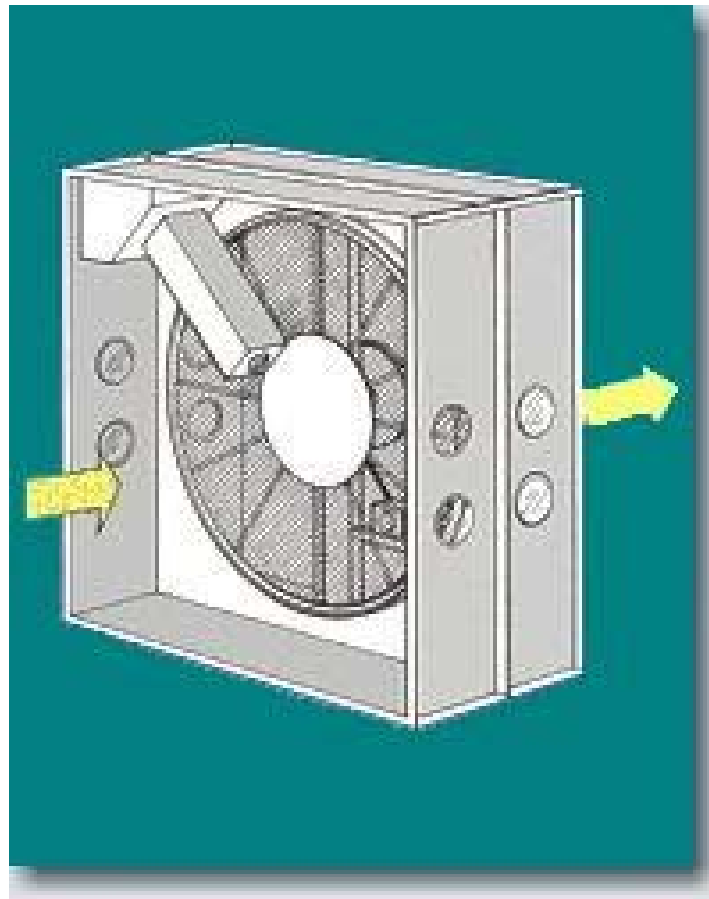




TSI FILTRATION TECHNOLOGIES  
**TEXTILE SCREENS**

## **Lint Collection Filter LCF-1 Industrial Laundry Filter**



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*The TSI Lint Collection Filter (LFC-1) is a compliment to any Commercial Laundry air system. Designed to remove moist lint from the air stream prior to exhausting the air; the modular design allows for the LCF-1 to be incorporated into new designs as well as efficiently being used in retrofit applications.*

*The LCF-1 is designed to allow for variance in speed. This allows designers to control filtration efficiency as well as material loading capacities.*

*The LCF consists of a rotating wheel with support spokes. The wheel is covered with an application appropriate screen mesh. The wheel is supported with two pedestal bearings and driven by a direct driven motor/gearbox combination with either a belt drive or a chain drive. The suction nozzle used to remove the lint includes a brush and an air nozzle to air in the release of the lint from the screen.*

*The wheel is enclosed with a steel housing which includes access doors on both the clean and dirty side of the wheel. The access doors also include inspection ports for inspection during operation. The unit can be combined with an optional heating coil to recover waste heat from the dryers to pre-heat air or water for the Laundry.*

<b>Model</b>	<b>Diameter Of Disk</b>	<b>Maximum Air volume cfm</b>	<b>Suction Air Quantity-cfm</b>	<b>Suction Pressure at Nozzle</b>
LCF-1	80"	50,000	1200	9" wg

<b>Working shaft speed</b>	<b>rpm</b>	<b>60 Hz</b>	33.6
<b>Motor shaft speed</b>	<b>rpm</b>	<b>60 Hz</b>	1750
<b>Motor power</b>	<b>hp</b>		0.33
<b>Voltage</b>	<b>V</b>		240/480
<b>Frequency</b>	<b>Hz</b>		60
<b>Rated Current</b>	<b>A</b>		0.68

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