

# Lint Trap Statement

The 9450 and 9460 Series Dryer Jet Boosters do not need a secondary lint screen. We realize that several competing Dryer Boosters do require the lint screen. Ours does not because the motor is out of the lint-laden air stream. The competing in-line fans have a motor, motor mount, blower wheel and housing in the air stream. Many places for lint to collect and limit air flow, especially close to the dryer. The Dryer Jets have only an axial fan blade in the air stream and it turns at 3000 RPM. The result is that there is no place for lint to collect. So, the lint-laden air has to keep moving.

The 9460 works more like centrifugal pump than a fan. It has an inlet, outlet, impeller (the axial fan blade), sealed chamber and a remote motor. We have tested the 9460 to be good for 100 effective feet of dryer pipe. Good is defined as maintaining 1200 Feet Per Minute (FPM) which will be the basis for the new UL Standard for Dryer Boosters. As long as the air flow is correct and there is no place for lint to collect, it has to keep moving until it is evacuated from the duct line. We have tested this in house as well as in the field.

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