

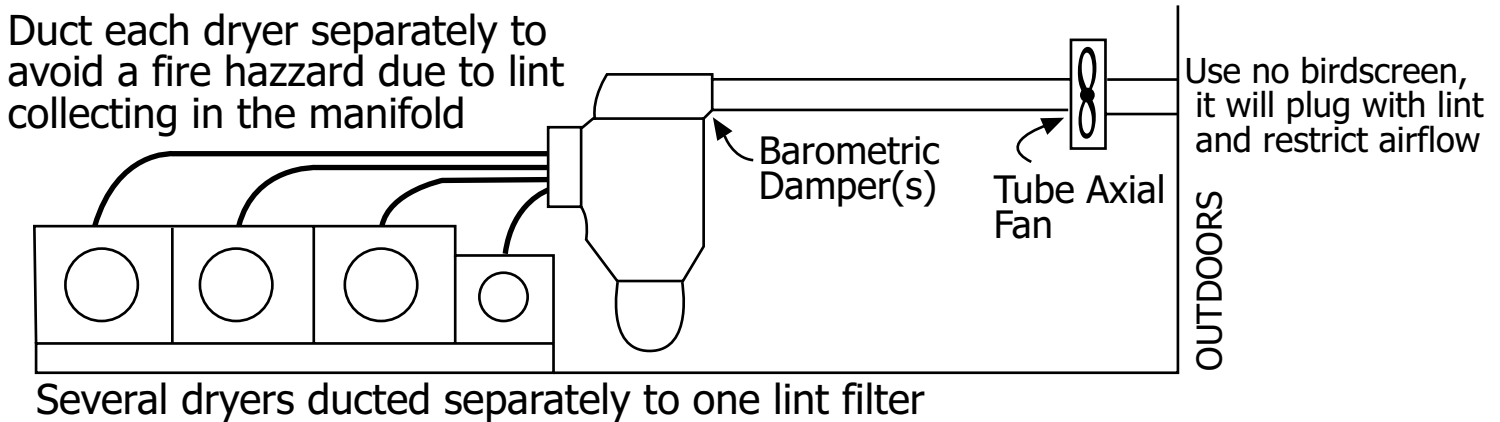
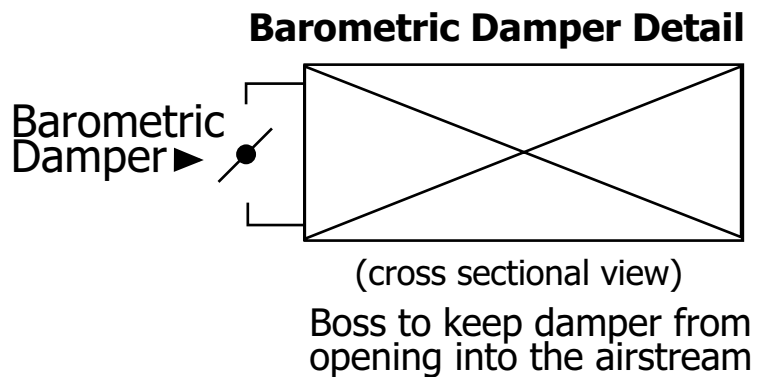


**PROPER APPLICATION OF LINT FILTER ON SMALL DRYERS WITH BOOSTER FANS**

**Introduction:** Sets of 35lb. /150lb. Dryers are normally installed with only the lint drawer underneath the dryer, which does not collect all of the lint. The lint which bypasses the drawer collects in the ductwork and becomes a fire hazard. This hazard can be eliminated by adding an Energenics Lint Filter as shown below, with a booster-blower to overcome the resistance of the long ductwork and barometric dampers to relieve any vacuum inside the lint Filter.

**Application:** Provide a booster fan if the ductwork is excessive. Balance the airflow through the systems with all dryers running (i.e. slight positive pressure on the outlet of the lint filter). This will allow the rated airflow through each dryer and each dryer will run well (one can measure the actual airflow with a pitot tube, if necessary). This will allow the dryers to work as designed and the lint to fall off the lint screen, as designed.

Number of Dryers "on"	Static Pressure on Lint Filter inlet
4	+
3	+
2	+
1	0
	(Never Negative)



Locate Lint Filter as near as possible to the dryers to collect all the lint before it accumulates in the duct system, to keep the duct system free of lint.