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# ◆ PRODUCT BULLETIN ◆

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August 2003



"Serving the Paper & Converting Industry for over 30 Years"

## RPS Series Air/Material/Dust Separator

**T**he RPS (Rectangular Perforated Separator) offers many advantages when compared to a Cyclone or other air material separators. To list a few:

The RPS is designed based on the Inertia Gravity principal rather than a cyclonic action. It is more versatile for multiple input systems. Individual systems can be "off" without having any impact on the material separation process. The RPS requires less space than the Cyclone designed for the same CFM.

The RPS can be installed "Under Roof" or outside. For outside installations, the shroud is insulated to prevent moisture build-up during severe weather conditions.

The unique design incorporates its own Dust Collection System (or it can be used with an independent dust collector for extreme dusty applications). An enlarged dust manifold with dust sleeves is flanged connected to the shroud. Manifold and number of sleeves vary depending on the amount of CFM. Air to cloth ratios are low for efficient air flow through and capturing dust particles minimizing maintenance. Custom tailored dust sleeves are provided with static-eliminating wires and have skirted bottoms for clamping onto standard 55 gallon drums or self-dumping hoppers.

The Multiple Inlet Box is designed for field replacement in case of future system changes. Such changes are common as machines are added and older machines are replaced with higher speed ones. Viewing Window allows the internal viewing of the separation process.

E-Chute incorporates a trap door. When open, door automatically becomes a Material Escape Chute.



### **Model 9 RPS w/ Integral Dust Sleeve Collector**

The RPS Separator is specifically designed for each application taking in consideration geographical location and building restrictions.

For outdoors installation, The RPS is insulated internally to prevent any moisture and condensation buildup.

**Units are available from 3,000 up to 72,000 CFM.**

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