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Media Reclaimers

Media reclamation can be one of the most critical aspects of air-blasting processes. In addition to media costs, reclaimer performance affects operating speed and quality. Failure to remove dust and fines has an adverse effect on consistency and productivity. If oversized particles are returned to

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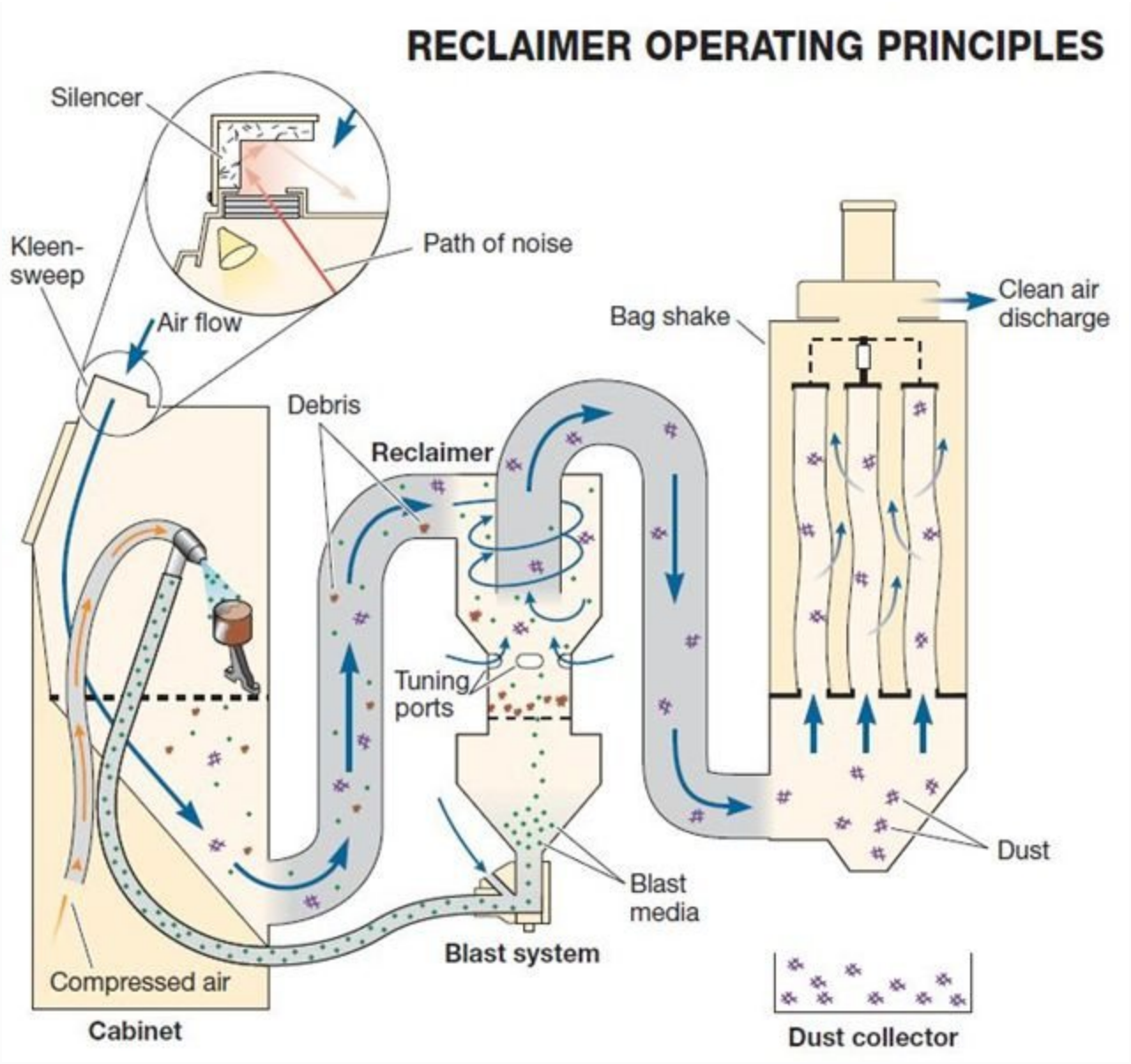
Reclaimer Operating Principles | Operating Principles

Reclaimer Operating Principles −

Reclaimer Operating Principles	 Reclaimer Operating Principles

Operating Principles −

Operating Principles	All Pro-Finish media reclaimers are tunable. By adjusting a fine-tuning band on the reclaimer, the amount of air introduced into the system can be controlled to assure precise separation of functional media from dust and other unwanted debris. As spent media, dust and debris are pulled by air flow to the reclaimer inlet, incoming air and media spiral in a downward vortex, throwing larger particles against the outer reclaimer wall. An air stream forms an upward counter vortex through the center tube, which carries out dust while heavier particles drop into the storage hopper below for reuse. A screen catches any oversized debris. Dust and undersized debris are drawn from the reclaimer into the bottom of the dust collector. Sudden expansion forces heavier dust particles to the bottom. Remaining fine dust is pulled to the surface of the dust filters. Clean air can then be discharged to the work area. NOTE: The CFM of all Pro-Finish reclaimers is rated at nominal static working pressure of 6” water, with the exception of the 1200 CFM model, rated at 10” static pressure. Competitive units may appear to achieve higher CFM due to

	ratings based on inadequate working static pressure.