

The RAF-IS Cleaning System—Simple, Proven Design

Key to the RAF's high reliability and performance is its simple, effective cleaning system. Bags are cleaned by high volume, low pressure reverse air every two minutes.

- Cleaning air is drawn from just-filtered air **1**.
- A low horsepower centrifugal airfoil fan **2**, located outside the housing, provides high air volume at low pressure.
- The cleaning air is delivered to the bags via a continuously rotating distribution plenum **3** with staggered nozzles **4**, one for each circle of bags. The distribution plenum is driven by an externally mounted ¼ hp motor **5**.
- The bags are fully inflated, dislodging (not disintegrating) the dust cake which has time to fall into the hopper.

