

Kinetic Energy Dissipation System**

Problem:

Terminal Receiver impact damage to conveyed product, wear at the Terminal Receiver or Friction-related build up in the Receiver. These problems occur when conveyed by conventional pneumatic conveying systems (either vacuum or pressure mode).

Conventional conveying systems rely on the product to travel at high velocities, and as it reaches the Terminal Receiver it is halted immediately, resulting in damage to the product or system components.

Solution:

Incorporate the Pneu-Con's **KEDS™**** to prevent product & equipment damage at the Terminal Receiver.

The operating principle of a **KEDS™**** is to introduce a counter-flow air stream into the conveying line, thereby reducing the conveying velocity slowly to a near standstill where the product merely free-falls softly into the Terminal Receiver.

KEDS™** can be delivered as a stand-alone system or incorporated into your existing conveying system, replacing terminal-point stations.

** US Patent No: 6,634,833

