

Ultramotive Introduces EarthSafe™ Air Power System

An imaginative solution to a global problem

With Ultramotive's new Earth-Safe Air Power System you can now be ozone friendly and environmentally responsible.



With no hydrocarbons and using compressed air as a propellant, this is an innovation of a lifetime.

TECHNOLOGY

- **Valve Assembly**

A new valve has been developed incorporating technology to uniformly dispense product throughout can use. When using compressed air, the propellant pressure drops as the product is dispensed. Our valve is designed to dispense uniformly. This technologically advanced valve also uses fewer moving parts, which means greater reliability and lower cost.

- **Delbar® Piston**

At the core of the **EarthSafe Air Power System** is the patented Delbar piston. Unlike many injection-molded pistons, our piston is pressure formed from sheet stock using two layers of polypropylene surrounding a center layer of "Eval", a polyolefin like "Saran". Consequently, this piston fulfills two very important functions. The "Eval" eliminates primary permeation that prevents gases migrating through the wall of the piston. The piston also has a flexible sidewall bow which permits an interference fit with the can wall. This interference fit helps restrict secondary permeation, which eliminates migration up the sidewall of the piston. With this combination we increase shelf life as well as increasing evacuation of the contents.

- **EarthSafe Sealing Plug**

The smallest but perhaps the most symbolic and important component of the system is our patented airtight sealing bottom plug. After years of research and development, the result is key to the **EarthSafe Air Power System**. Most products packed under pressure use hydrocarbon propellants. Our totally leak free "green dot" plug means we are using safe, non-combustible "air" as the propellant.

- **System**

In combination, our breakthrough **EarthSave Air Power System** is just one more solution to our global problem by helping to eliminate hydrocarbons.

