

ECO-PULLDOWN OPTION SAVES FUEL



Thermo King's entire line of Precedent multi-temp refrigeration units offer patent-pending Eco-Pulldown technology that can dramatically reduce fuel consumption. The option is available on Thermo King's new Precedent multi-temp S-600M and will be available on the C-600M and S-600DE at launch.

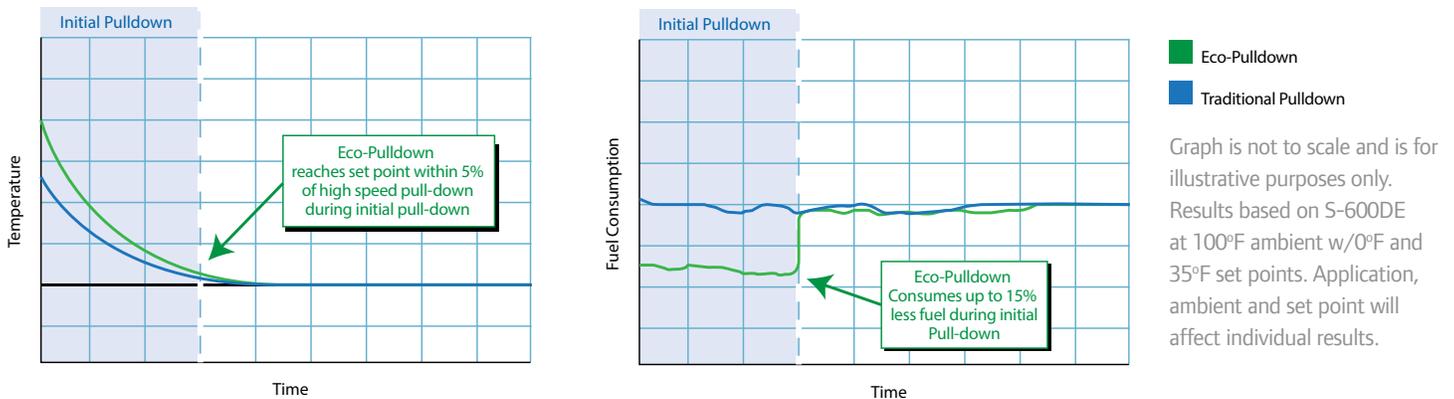
Eco-Pulldown technology takes advantage of the efficient design of the Precedent refrigeration system. This option, which can be enabled or disabled through guarded access, allows the unit to operate in low speed during initial pulldown until the temperature in any one zone inside the trailer reaches 30 degrees F. At this point, it automatically switches the unit to high speed operation. Operating the unit in low speed pulldown can save up to 15% fuel during the initial pulldown without significantly increasing the overall unit run time.

HOW IT WORKS

Eco-Pulldown is active only during the initial pulldown of the unit. While traditional multi-temp units are running at high speed during pre-cool or while being staged for loading, the Precedent unit will be operating in low speed, consuming significantly less fuel. At high box temps, the difference between high speed and low speed capacity is minimal, but the fuel consumption is significantly less in low speed. For set points below 30 degrees F, the advanced technology of the SR-4 controller will automatically switch the unit to high speed operation once any one zone reaches 30 degrees F, providing additional capacity to reach the lower set point. For set points above 30 degrees F, the unit will operate in Eco-Pulldown mode until set point is achieved, possibly never operating in high speed mode.

SEE IT IN ACTION

Here is one test example of how Eco-Pulldown affected set point attainment and fuel consumption:



NEW TECHNOLOGIES THAT DELIVER

Eco-Pulldown technology is just one of the innovative technologies you find in the Precedent multi-temp product line. When you combine Eco-Pulldown with the Precedent's DDE (Diesel Direct Electric) architecture, expanded condenser coil and efficient electric dual fan operation, the Precedent multi-temp can deliver **up to 34% overall fuel savings** versus prior models.