

Case Study – Firwin goes 'Back to School' with Ward Clean Air Products

As their name would suggest, [Ward Clean Air Products](#) is a company whose goal is keeping the air we breath clean from potentially harmful diesel emissions. The company began its operations under the name Ward Diesel Filter, marketing Diesel Exhaust Removal Systems for Fire & Rescue Apparatus, providing fire fighters with an automated, vehicle mounted exhaust removal system that protected fire fighters from breathing in diesel particulate in the fire station. Building on their success in the fire apparatus market, the company created Ward Clean Air Products, to market their verified emissions control products to other markets using diesel engines, including school buses, urban buses, construction and municipal fleets.



Ward came to Firwin when they were looking for a way to maintain the exhaust temperature that leads to the catalyst. "For catalysts to perform at their optimal level, it is important that the high exhaust temperature is maintained to ensure maximum pollution burn-off", said Scott Beecher, vice-president, sales & marketing at Ward. "Firwin provides us with custom fitted insulation blankets that keep the exhaust temperature elevated in all kinds of climates. In addition, their blankets help to prevent the heat from the exhaust from affecting nearby components, and protect personnel from potentially burning themselves on the hot exhaust ", added Scott.



Firwin Insulation Blankets on School Bus Exhaust

Ward has a network of technicians across the U.S., ready to perform on-site installations. "We strive to give our customers the least obtrusive relationship we can", notes Scott. "With on-site installation, our customers don't need to take their vehicles out of service, there is no down time, and no need to transport the vehicle to a depot ", said Scott.

Ward also assists customers in obtaining funding from the EPA, which is working with the government's recent stimulus package to fund diesel emissions reduction.



Ward is currently doing a lot of work retrofitting school buses with its Clean Air products. According the company's web site, children who ride on a diesel school bus may be exposed to up to **4 times more toxic** diesel exhaust than someone traveling in a car. A study found that diesel exhaust levels on school busses were **23-46 times higher** than levels considered to be unsafe and a significant cancer risk according to the U.S. EPA and federal guidelines. Exposure to untreated diesel exhaust can also be a factor in childhood asthma and lung disease.

So the next time you hop on a bus or send your kids off to school, take a peek at the exhaust. You just might see a Ward Clean Air filter along with Firwin's insulation blankets helping to keep the air clean and safe for everyone.

Other Articles: [Firwin FAQ](#) • [Company News](#) • [Firwinie Returns](#)