



Dresser Wayne Fuel Dispensers

Theft and Fraud Protection by Design and Technology



It's an unfortunate fact that the frequency of fuel theft and financial fraud is increasing. As fuel dispenser and payment technology has advanced, criminals have become more sophisticated in their methods of stealing fuel and gaining access to consumers' credit card information. In some cases, simply driving off without paying for fuel is a common low tech method that happens more often when fuel prices rise. As a result, fuel retailers need effective resources to protect themselves and their customers from criminal activity that can cost millions of dollars in loss.

To help retailers and consumers defend their assets, Dresser Wayne fuel dispensers provide the highest level of security available. Our engineers continuously create products that address the specific and potential ways in which theft and fraud occur. We build security into multiple facets of our fuel dispensers, from tamper-resistant features to technological advances that safeguard financial data as it is relayed over networks.

Innovative design and technology reduce unauthorized dispenser access

Dresser Wayne helps head off fuel theft by designing fuel dispensers that limit unauthorized access to internal components. And we don't just create restrictions for one access point. We have developed multiple security measures combined with the latest technology to protect retailers and consumers in many ways.

Protection from Payment Card Fraud

While pay-at-the-pump has become a widely used and appreciated convenience, it also potentially exposes consumers to financial fraud. In addition to deterring fuel theft through ground-breaking design, Dresser Wayne uses superior fuel dispenser design to protect consumers from identity and financial data theft. Fuel dispensers feature short, clean cable routings to quickly identify electronic skimming devices that illegally capture data as it is relayed from the forecourt to the POS. Dresser Wayne dispensers also feature secure Encrypting PIN Pads (EPPs) that protect retail customer financial data and Personal Identification Numbers (PINs) from the moment they are entered into the payment terminal. All data is immediately encoded before it is sent over the network.

Another way we help keep data safe is through the physical design of our in-dispenser payment keypads. The keypad is angled to restrict payment screen viewing by anyone other than the user, and the keypad mounting features a built-in privacy shield that further hides information or key punch patterns from prying eyes.

Dresser Wayne fuel dispensers are designed for security

- Tamper resistant bezel doors protect internal components
- Card payment security features and technology help keep financial data secure
- Access to electronics requires tools that do not reside on the dispenser
- It is difficult for thieves to tamper with fuel dispensers and cabling without being noticed



Dresser Wayne Security Feature

Competitive Dispensers

Protecting access to electronics

The more time-consuming and obvious it is to break into a fuel dispenser, the less likely criminals can tamper with electronics to steal fuel or data. Dresser Wayne fuel dispensers feature a large bezel door that can only be opened by unfastening multiple tamper-resistant screws. Consequently, it is easy to notice an unauthorized person trying to open the door. Plus, the printer door is separate from the bezel door so routine paper changes do not expose internal components.

Internal components can be accessed by opening a small panel that also provides access to the printer. As a result, the fuel dispenser components are frequently exposed each time the printer paper is changed. A thief can also open the door without alerting suspicion. Even worse, the door can be unlocked with a single key that can be easily duplicated.

Programming security

If it is easy to make changes to a fuel dispenser's operating configuration, thieves can quickly change pricing and tamper with the system to obtain fuel illegally. Exclusive to Dresser Wayne fuel dispensers, a password-controlled remote is needed to program electronics, and the remote is typically stored away from the dispenser and available only to authorized technicians or site personnel.

Programming keypads are built into the fuel dispenser and common passwords are widely known.

Limiting offline fueling access

Dresser Wayne adds another layer of security with a specialized Printed Circuit Board (PCB) jumper device that connects two pins on the circuit board to enable standalone or offline fueling. Thieves cannot dispense fuel without the jumper which makes it difficult to access the fuel dispenser components unobserved or change the price-per-unit setting.

Competitive products do not require specialized equipment to change settings or dispense fuel offline.

About Dresser Wayne

With offices on five continents, manufacturing facilities on four, and thousands of employees worldwide, Dresser Wayne has shaped the retail and fleet fueling industry ever since the company's modest beginnings in 1891. Known for combining cutting-edge technology with exceptional customer focus and win-win industry partnerships, Dresser Wayne has become the leading supplier of integrated solutions to its customers in the retail and fleet petroleum industry.

Dresser Wayne—headquartered in Austin, Texas—is largely responsible for the innovations that contribute to the look and functionality of the modern service station. From dispensers and POS systems to retail intelligence and after-sale support services, Dresser Wayne is committed to continuing its long tradition of providing innovative, customer-centric solutions in all facets of the industry. Dresser Wayne is a business unit of Dresser, Inc.



Protect your warranty and regulatory certifications. Insist on Dresser Wayne Genuine Parts for all equipment repairs and upgrades.

Worldwide Headquarters:

Austin, Texas, U.S.A.
T. +01 512 388 8311

European Headquarters:

Malmö, Sweden
T. +46 40 360 500

Rio de Janeiro, Brazil
T. +55 21 2598 7711

Shanghai, China
T. +21 5899 3976

About Dresser, Inc.

Dresser, Inc. is a leader in providing highly engineered infrastructure products for the global energy industry. The company has leading positions in a broad portfolio of products including valves, actuators, meters, switches, regulators, piping products, natural gas-fueled engines, retail fuel dispensers and associated retail point of sale systems and air and gas handling equipment. Leading brand names within the Dresser portfolio include Dresser Wayne® retail fueling systems, Waukesha® natural gas-fired engines, Masoneilan® control valves, Mooney® regulators, Consolidated® pressure relief valves, and Roots® blowers and rotary gas meters. It has manufacturing and customer service facilities located strategically worldwide and a sales presence in more than 100 countries. The company's website can be accessed at www.dresser.com.



© 2008 Dresser, Inc. All rights reserved. Wayne is a trademark of Dresser, Inc.

920989 03/2008

www.dresserwayne.com