The simplicity you want.
The precision you demand.

TopKAT PLUS

TopKAT PLUS proves that sophistication can be simple. Order your Gasboy dispenser with TopKAT PLUS installed, and it goes to work; identifying every driver, monitoring every transaction, tracking every detail. No separate mounting base, no dedicated power lines. Just a steady stream of data that maximizes efficiency and keeps you in control.

TopKAT PLUS demands little, but delivers a lot. It enables you to create a wide variety of customized restrictions, it delivers sophisticated reports, and it integrates seamlessly with your automatic tank gauge system. It can even deliver data to you anywhere in the world over the Internet.

Track costs more precisely with a seamless connection to Gasboy Fleet Head Office.

Collect data without slowing down your operation with support for multiple access technologies, including Web-based and contactless systems.

Stay up and running 24-7 with lighted terminals and secured access for unattended sites.

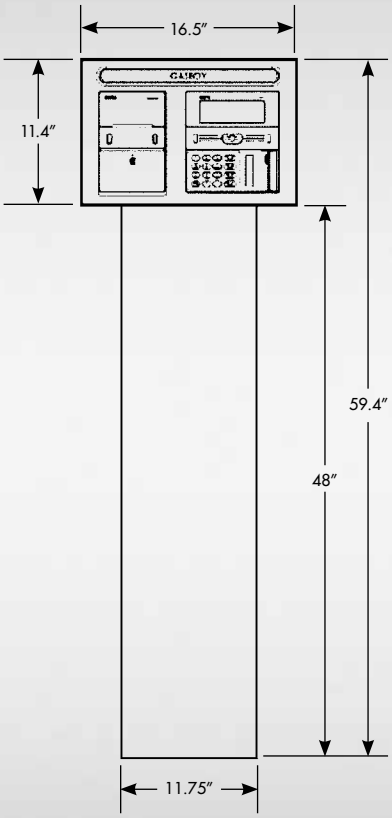
Are you ready to see what the simple sophistication of TopKAT PLUS could do for you? Talk to your sales rep!

Accu-Flo
1-800-921-2228
www.accuflo.com

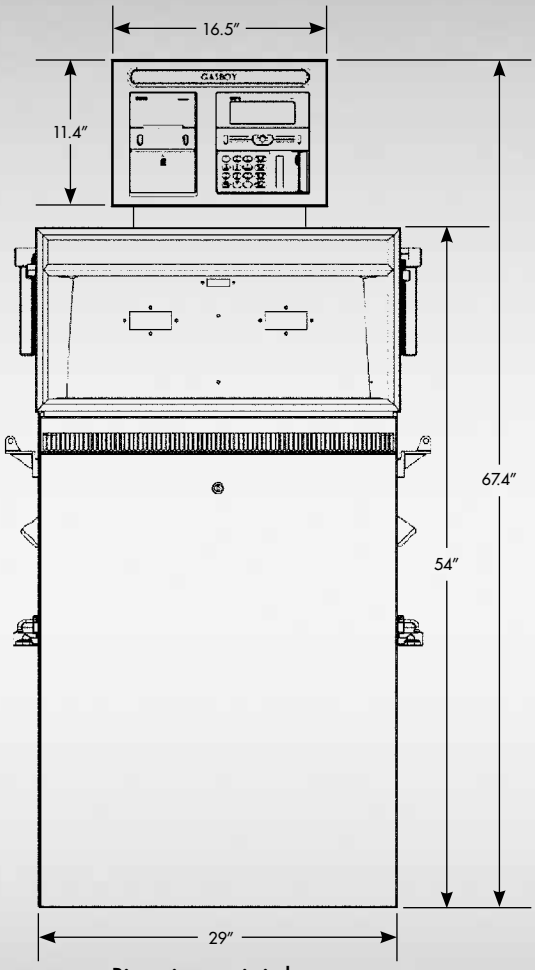
Commercial & Industrial Solutions

GASBOY

Hardware



Dimensions are in inches.



Dimensions are in inches.

Data Entry Options/Access Control

Piezoelectric keypad, magnetic card reader, and mifare card/tag reader. Available optional ruggedized thermal printer for printout of purchase receipts.

Dispenser Connection Options

TopKAT PLUS can control up to two electronic hoses as a factory installed dispenser mount. As a pedestal mount, it can control up to two mechanical hoses or up to eight Gasboy RS-485 electronic dispenser hoses.

Communication Options

Supports a wide variety of communication links: cellular, dial-in modem, VPN, satellite, ADSL and more.

Central Controller

Embedded hardware platform designed to survive the harsh fueling environment. TopKAT PLUS runs on an embedded operating system and uses a solid state Flash disk and RTC (Real Time Clock) with backup, along with surge suppressors for transient and noise immunity. Power fail recovery mechanisms are included.

Additional Hardware Features

- Weatherproof enclosure to survive the harsh environment of a Home Base Station
- Secured remote capabilities for monitoring, management and maintenance activities
- Ethernet interface to Automatic Tank Gauge systems using the Veeder-Root Serial Interface Command Protocol
- Advanced electronic support of mechanical dispensers, enabling totalized, preset and price updates

Software

Remote Web Access
Monitor, manage and maintain the TopKAT PLUS from anywhere. Web Access makes remote and secure management possible. No special management software is necessary. All you need is a standard PC with Internet. The technology is already integrated into the station controller.

Head Office
Fleet Head Office consolidates the data from multiple sites, centralizes management and generates reports, including exception reports. It also enables control of the limits and restrictions placed on the various fleet vehicles. And authorized fleet personnel are able to log-in remotely so they have the ability to control and manage wet stock inventory on all stations including orders, deliveries and reports.

Restrictions and Limits
We make it easy to control a fleet's fuel expenses. By defining limits (day, week, month), maximum number of refueling (day, week, month) and setting restrictions (days of the week, fuel type, stations, time intervals), you can maximize profitability. And when you have multiple sites, the centralized Fleet Head Office can synchronize data so that the limits can be applied to all of your sites. Even in the case of communication failure, a site will be able to refuel for a predefined grace period (parameter) using the most recent limits stored in its database.

System Reports

The TopKAT PLUS application provides a highly flexible report utility for producing a wide range of data reports. So fleet managers and head office managers can review fueling transactions from different aspects and ascertain balance between sales and buys, fleet expenses, vehicle performance and more.

Two different types of reports are available:

Custom Reports
Enable the user to generate reports performed in the location by the following profiles:
- **Transactions:** Sums up transaction details in order and broken down by the selected field
- **Products:** Sums up all data in the report by product, containing total transactions amount and quantity sold
- **Payment Mode:** Sums up all data by payment whether Customer, Credit or Cash depending on the application settings

Export Reports
Enable the user to generate and export records of the transactions performed in the location by the following parameters:
- **Date range**
- **Transactions:** Differentiate by field name, format, width and precision
- **From last export**

Users can transfer the report in CSV, text or XML. They can set the delimiter, the decimal point notation and column names. The format column enables users to define specific formats, such as: date and time, left justification and zero padding for numbers. The reports can run manually or automatically. If they run automatically, the storage location is either FTP or Local Directory.

Real Time Fueling

Real Time Tank Level

Real Time Reporting

THE FOLLOWING PHYSICAL, ELECTRICAL AND ENVIRONMENTAL SPECIFICATIONS ARE APPLICABLE TO THE TOPKAT PLUS:

Name	TopKAT PLUS
Supply voltage	120/240VAC
Power consumption	1A max
Operating temperature	-40 °F to +104 °F (-40°C to +40 °C)
Storage temperature	-40 °F to +158 °F (-40°C to +70 °C)
Humidity	80% Non-condensing
Dimensions	16.55"W x 11.39"H x 20.47"D (420.4 x 289.4 x 520 mm)
Communication interface	RS-485 – 9600 bps, Half-Duplex RS-232 Ethernet RJ-45 – 10 Mbps
Pump control maximum current (2 Solid State Relay Channels)	Motor maximum: ¾ HP at 115 VAC or 1½ HP at 230 VAC Factory installed – switches motor relays
Power supply output voltage to Pulser unit	12 VDC +/- 20%
Power supply maximum output current	30 mA max
Pulser input high level voltage	9 to 15 VDC
Pulser input high level sink current (@15V)	3 mA
In use "on" level (Input)	100 – 240 VAC, 50/60 Hz, 2 W (20 mA)
In use "off" level (Input)	0 to 20 VAC

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