

# Atlas™ 9100 Series

Standard, High and Super-High Mechanical Commercial Dispensers



# Gasboy—the world leader in fleet and commercial fueling

## Industry standard

Defined in more government and industrial specs than any other supplier of fleet fueling equipment.

## Comprehensive product offering

The broadest range of fleet management systems and commercial dispensers for most fueling applications, including gasoline, kerosene, diesel, aviation, E85/M85, and Biodiesel fuels.

## POS and fleet management

Dispensers integrate with a complete line of Gasboy or third party fleet control systems.

## Atlas series offers increased durability

### Commercial grade construction for longer life

Galvanized steel frame and painted or stainless lower panels offer superior corrosion resistance.

### Lower installation and service costs

Footprints are more standardized with a single sized frame for consistent layout of low hose products.

### 12-month warranty standard

Additional 12 months available.

### Field proven flow-through meter

Improves accuracy and performance in contaminated fuel environments.

### Superior graphic options

Choose from factory applied paint or stainless lower doors with Tedlar® or vinyl graphics for a uniform and longer lasting image.

### Service and support

With over 500 Distributors and 750 Authorized Service Contractors, customers are assured of easy access to sales and service anywhere in the world.

## Fleet management integration



**TopKAT™** the industry's only factory mounted integrated fleet system.

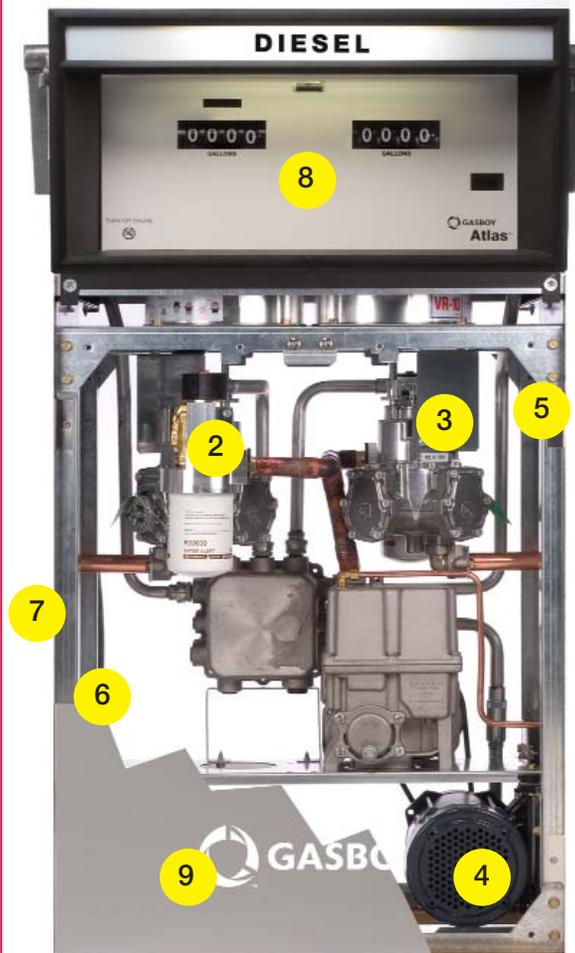


**CFN III PLUS™** combination fleet management system and POS.



**Islander II** card, key, or code activated island fleet manager system.

## Quality makes the difference



- 1- Interfaces with POS and Fleet System products.
- 2- Factory-installed filter in convenient location.
- 3- Improved flow-through meter increases reliability.
- 4- Vane type pumping unit does not require special priming procedure.
- 5- Heavy duty 13-gauge, galvanized frame and lower panels.
- 6- Fully removable door for easier access and service with plenty of room to work.
- 7- Removable side and top sheathing black or customer specified color, or stainless steel side and top panels.
- 8- Brightly lit brand area and display.
- 9- Customizable graphic options on lower door.

# Atlas 9100K Features, Options, Specifications

## Flow rates

Standard, High, and Super-High flow models that deliver from 15 to 40 GPM.

## Master, Satellite or Combo

The Master/Satellite Combo saves installation expense and extra equipment costs while also saving forecourt space. The front is master, and back is satellite for adjacent master.

## Meter

Four-piston, positive displacement flow-through CFT meter bolsters resistance to fuel contamination with self-cleaning central chamber.

## Solenoid valve

Standardized 1" solenoid valve that may be cleaned or replaced without breaking down pipe work.

## Cabinet and finish

Top and sides are black or stainless steel, with lower panels painted white or optional specified color or stainless steel.

## POS / Fleet Management Interface

Pulsers converts register revolutions to electrical pulses for connection to Gasboy Fleet Management Systems or POS. Select 1:1, 10:1, or 100:1 ratios.

## Electrical Keytrol™ pulser and mounting kits

Includes necessary pulsers, top cabinet panels, and wiring for factory-installed Gasboy Electrical Keytrol. For gallons, specify 10:1 kits, and for liters, specify 1:1 kits.

## Satellite compatible piping

Provides internal piping and union for connecting to a satellite dispenser. Available on remote dispenser models only.

## Lighted brand area and display

Illuminates product and register areas for brighter day or night fueling.

## Mechanical display register

Veeder-Root® mechanical registers with power reset interlock. Displays on both sides include gallons or liters to 999.9 and price per gallon or liter to 9.999. Includes non-resettable mechanical totalizer.

## Pump and motor

Quiet, efficient rotary vane pump with an air eliminator and self-priming built into pump casting. Pumps include an improved check valve design and field replaceable shaft seal. Continuous duty motor. Refer to table for horsepower.

## Pressure regulator valve

Prevents product from leaking from the air elimination vent in aboveground tank installations.

## Factory installed filter

Ten-micron filter helps ensure product purity and helps protect critical components from contamination.

## External filter kits

Standard and high flow kits include adapter, element, and pipe fittings. Specify standard or hydrosorb element.

## Ticket printers

Print ticket with volume dispensed. Zero start and accumulative models. Not available with light or EK options.

## Hose

Optional 3/4" or 1" hardwall hose, variable lengths available.

## Automatic nozzles

Restrict flow when tank is full, 3/4" or 1".

## Internal hose retractor

Helps keep hoses out of the fueling lane.

## High hose retractor

Eases hose handling with enclosed spring return. Keeps hose up and out of the way to reduce wear and run-over damage.

## Hand crank

Ideal for regions where power outages are likely. Allows dispensing by hand at a rate of .6 liters per stroke.

## Mechanical reset

Where a hand crank is likely to be used.

## Vapor recovery

Complete vapor recovery kit or special nozzle boot and hanger only. Field installation required.

## Voltage and frequency

Standard: 115VAC/60 Hz. For other applications & international: 230VAC/60Hz; 230VAC/50Hz; 230VAC/60Hz with 380VAC motor; 230VAC/50Hz with 380VAC motor.

## Inlet connection

Standard and High: 1-1/2" (3.8 cm) NPT. Super High 2" (5cm) NPT.

## Discharge

1" NPT, adjustable to 3/4"

## Maximum working pressure

50 PSI

## Dimensions

Units: 53-3/4"H x 28-1/2" W x 18-1/2"D.  
Packaging: 67"H x 38"W x 25"D

## Approvals\*

UL and cUL; US Weights and Measures for the resale of fuel for applications involving the contracted periodic billing of the fuel dispensed (cardlocks); MC Certificate of Approval for Canada Weights and Measures; and NYCDF.

\*Pending or in process as of January 10, 2005.

## Notices

### Performance flow rates

Flow rates shown are maximum test rates. Actual delivery rates will vary depending upon the installation conditions, product dispensed, added accessories and size of submersible pump. Tested and calibrated for accuracy at any speed or pressure.

### Safety Warning

Failure to follow proper installation instructions may result in property damage, personal injury, or loss of life. Gasboy products must be installed by a qualified installer and used in conformance with all building, fire, and environmental codes and other safety requirements applicable to their installation and use, including, but not limited to, NFPA 30, NFPA 30A, and NFPA 70. This product is only part of a fuel dispensing system. Additional accessories or safety devices may be necessary to meet the applicable codes. Gasboy dispensers shall not be used for the direct fueling of aircraft without filters, separators, and other equipment necessary to ensure product purity.

# Atlas 9100K Series models

## ATLAS 9100 SERIES COMMERCIAL MECHANICAL PUMPS

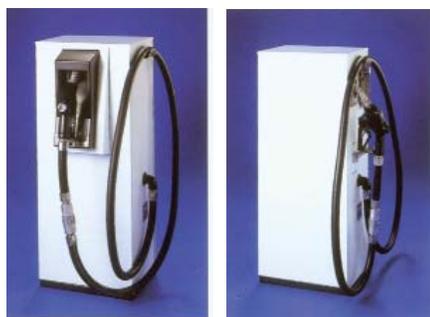
Model Number	Hoses	Prods	GPM/LPM	Motors	Meters	Piping	Solenoid
<b>Standard Flow</b>							
9152K	Single	1	Up to 15 (57)	(1) 3/4hp c.d.	Gilbarco CFT	1" I.D.	None
9152KTW1	Twin	1	Up to 15 (57)	(1) 3/4hp c.d.	Gilbarco CFT	1" I.D.	1"
9152KTW2	Twin	2	Up to 15 (57)	(2) 3/4hp c.d.	Gilbarco CFT	1" I.D.	None
<b>Hi Flow</b>							
9153K	Single	1	Up to 22 (83)	(1) 3/4hp c.d.	Gilbarco CFT	1" I.D.	None
9153KTW1M	Twin	1	Up to 22 (83)	(1) 3/4hp c.d.	Gilbarco CFT	1" I.D.	None
9153KTW2	Twin	2	Up to 22 (83)	(2) 3/4hp c.d.	Gilbarco CFT	1" I.D.	None

## ATLAS 9100 SERIES COMMERCIAL MECHANICAL DISPENSERS

Model Number	Hoses	Prods	GPM/LPM	Motors	Meters	Piping	Solenoid
<b>Standard Flow</b>							
9152KX	Single	1	Up to 15 (57)	n/a	Gilbarco CFT	1" I.D.	1"
9152KXTW1	Twin	1	Up to 15 (57)	n/a	Gilbarco CFT	1" I.D.	1"
9152KXTW2	Twin	2	Up to 15 (57)	n/a	Gilbarco CFT	1" I.D.	1"
<b>High Flow</b>							
9153KX	Single	1	Up to 22 (83)	n/a	Gilbarco CFT	1" I.D.	1"
9153KXTW1	Twin	1	Up to 22 (83)	n/a	Gilbarco CFT	1" I.D.	1"
9153KXTW2	Twin	2	Up to 22 (83)	n/a	Gilbarco CFT	1" I.D.	1"
<b>Super High Flow</b>							
9140KX	Single	1	Up to 40 (151)	n/a	(2) Gilbarco CFT	1-1/4" I.D.	1"

## ATLAS 9200 SERIES COMMERCIAL SATELLITE DISPENSERS

Model Number	Hoses	Prods	GPM/LPM	Motors	Meters	Piping	Solenoid
<b>High Flow (works with 9152K, 9153K, 9852KX, or 9853AX models)</b>							
9215K-Z High	Single	1	Up to 21	n/a	n/a	1" I.D.	1"
9215KTW-Z High	Single	1	Up to 21	n/a	n/a	1" I.D.	1"
9215K High	Single	1	Up to 21	n/a	n/a	1" I.D.	1"
<b>Super High Flow (works with 9140KX, 9840KX, or 9850KX models)</b>							
9216K	Single	1	Up to 40	n/a	n/a	1-1/4" I.D.	1-1/2"
9216KTW-Z	Single	1	Up to 40	n/a	n/a	1-1/4" I.D.	1-1/2"
9216K	Single	1	Up to 40	n/a	n/a	1-1/4" I.D.	1-1/2"



**Satellite dispensers**  
 May be paired with standard or high-speed remote dispensers equipped with the satellite piping option.