

**MINI
-MAXI
FUELER**

GNY EQUIPMENT, LLC

The Source For Ground Support Equipment

GNY Fuelers

Model: 1736 Midi-Fueler



Picture of Midi-Fueler

GNY Midi-Fueler is designed to filter, meter and dispense gasoline, avgas, diesel or aviation turbine fuels at flows up to 300 GPM from a stationary, compact unit. The basic unit can be fitted with a variety of options to suit individual customer needs. ([Click to go back to Fueler Page](#))

Standard Specifications:

Cabinet:

Unpainted 16 gauge stainless steel housing, removable rear access panel, hinged roof with hold open bar for access, dual/single front main access door(s) with locking handles keyed alike.

Equipment Base:

Heavy-duty channel frame with deck plate for equipment support.

Inlet Strainer:

Cast Iron construction, located on suction side of pump, 40 mesh basket.

Pump/Motor Starter:

Positive displacement type pump, cast iron construction/explosion proof electric motor and manual starter.

Filter/Separator:

Two (2) stage cartridge type F/S, internally epoxy coated steel ASME vessel, victaulic inlet and outlet, air eliminator, differential pressure gauge, (Direct reading piston type) and thermal pressure relief API 1581 Group II, Class B, Third Edition.

Deadman Control Valve:

GNY Manufactured.

Meter:

Positive displacement type, non-ferrous construction, large numerical counter. (SPECIFY GALLONS OR LITERS)

Hose Reel:

Heavy-duty hose reel, 115V AC, single phase, 60Hz explosion-proof electric rewind, non-ferrous swing joint/internals.

Hose:

50' length hose certified for aviation fueling coupled male x male non-reusable couplings.

Nozzle:

Overwing nozzle for aviation service, rigid drop tube, strainer, dust cap, swivel, grounding wire, non-ferrous construction.

Static Reel:

Heavy-duty aviation type, cable length to suit hose length, 100 amp alligator clamp.

Piping:

Piping upstream of filter separator to be steel, piping downstream of filter to be aluminum to prevent contamination. Victaulic couplings are provided to facilitate disassembly.

Electrical:

All wiring in rigid conduit in accordance with national electrical code for hazardous location.

Finish:

Base, equipment and piping finish painted Epoxy enamel, color white.

Standard Available 100, 200, 300 GPM			
Model No.	Flow Rate	Dimensions	Dry Weight
1736-100	100 GPM	78"x96"x46"	2300 lb.
1736-200	200 GPM	78"x108"x46"	2600 lb.
1736-300	300 GPM	78"x130"x46"	3000 lb.

In addition, the following information should be furnished:

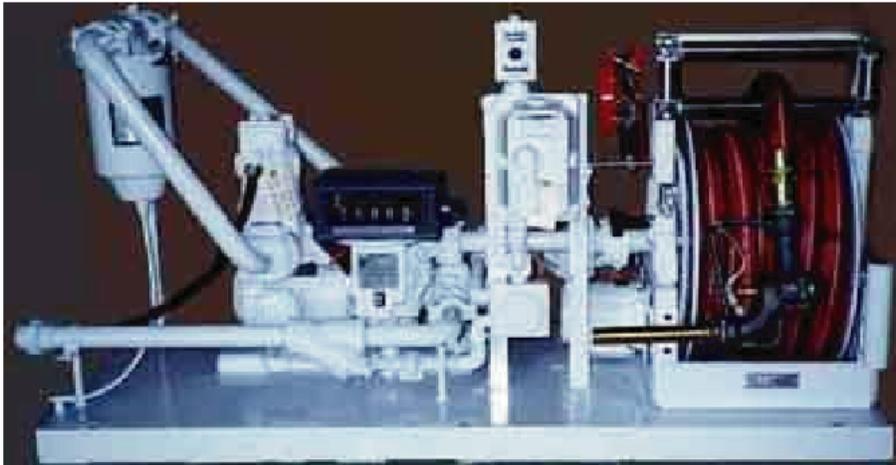
1. Type of fuel to be handled
2. Flow rate
3. Operating pressure
4. Electrical characteristics of power available at site
5. Size and type of fuel inlet connection

Our dedicated, experienced professional staff will help you design a unit for your liquid handling/ refueling application.

Contact Factory for various options.

GNY Fuelers

Model: 9669 Mini-Fueler



Picture of Mini-Fueler

[\(Click to go back to Fueler Page\)](#)

GNY Equipment Mini-fueler is designed to filter and meter all gasoline, avgas, diesel or aviation turbine fuels at flows of up to 100 GPM from a stationary, compact unit. The basic unit can be fitted with a variety of options to suit the individual customer's needs. All units conform to NFPA 407 aircraft refueling standards. Cabinets are supplied as a packaged unit including all components required for safe, efficient delivery and metering of aircraft fuel.

All units are hydrostatically pressure tested and flow tested before shipment and are warranted for a period of one year from delivery date. Installation and servicing instructions are supplied with each unit.

Standard Specifications:

Cabinet:

Unpainted 18 gauge stainless steel housing, Locking handle, Latch, and Hinged down door.

Equipment Base:

Formed steel channel, reinforced.

Inlet Strainer:

Cast Iron construction, located on suction side of pump, 40 mesh basket.

Pump:

Blackmer positive displacement type, 50 PSI by-pass.

Motor:

3 HP 230/460 Volt, 60 Hz, 3 phase, class 1, division 1, group D, for hazardous location (SPECIFY VOLTAGE).

Motor Starter:

Manual type with on/off switch, for hazardous location.

Filter/Separator:

Facet Int'l. VFCS-21-7 Fuel Gard.

Meter:

1 1/2" size, positive displacement type, non-ferrous construction, large numerical counter, totalizer, air eliminator and strainer (SPECIFY GALLONS OR LITERS).

Hose Reel:

Electric rewind, 115V AC, 50/60Hz, single phase motor, class 1, division 1, group D, non-ferrous swivel joint/internals.

Hose:

50' long hose certified for aviation fueling coupled male x male non-reusable couplings. (Size to suit)

Nozzle:

Overwing nozzle, rigid drop tube, 100 mesh strainer, swivel, grounding wire, non-ferrous construction. (Size to Suit)

Static Reel:

50' cable length, alligator clamp and spring rewind.

Piping:

All aluminum with victaulic couplings to ease removal of pipe assembly.

Electrical:

All wiring in rigid conduit in accordance with National Electric Code for hazardous location.

Finish:

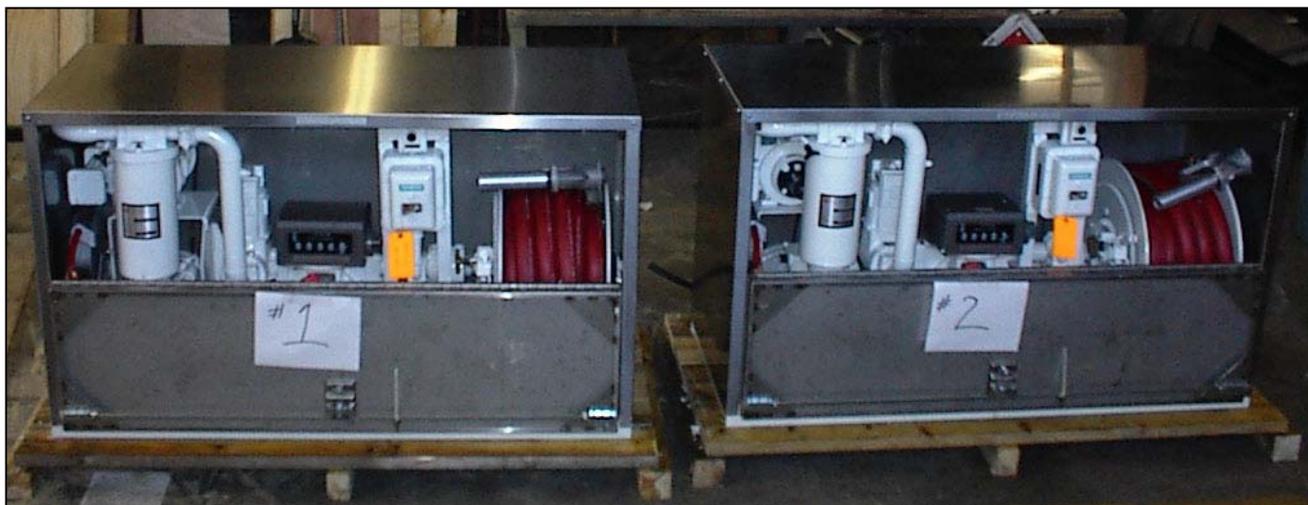
Base, equipment and piping finish painted air dry enamel, color white.

Standard Available 30, 60, 100 GPM			
Model No.	Flow Rate	Dimensions	Dry Weight
9669-30-3PH	30 GPM	63" x 26" x 37 1/2"	875 lb.
9669-60-3PH	60 GPM	63" x 26" x 37 1/2"	1000 lb.
9669-100-3PH	100 GPM	72" x 39" x 42 1/2"	1500 lb.

Our dedicated, experienced professional staff will help you design a unit for your liquid handling/ refueling application.

Contact Factory for various options.

GNY FUELING CABINETS AT AMTRAK (LONG ISLAND) RAILWAY SITE INSTALLATION



MIDI-FUELER

100, 200 or 300 G.P.M. SERIES NO. 1736

For Gasoline, Avgas, Diesel, Aviation or Turbine Fuels

GNY fueling cabinets are designed to meet the requirements of commercial and private airports, marine and locomotive refueling terminals. Standard units can be installed with integral pump or as satellite units operating from a remote pumping system. Custom units can be fabricated to your specification to handle any type of fueling operation. All units conform to NFPA 407 aircraft refueling standards.

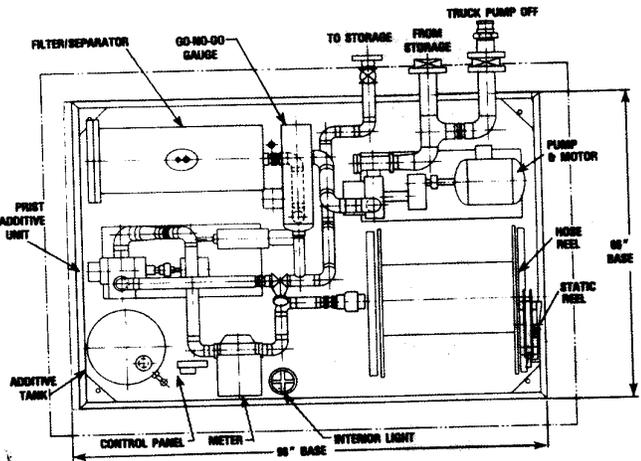
ORDERING INFORMATION

The chart below lists all standard and optional components for Model Series 1736 Fueling Cabinets. All items should be specified when ordering or requesting information. In addition, the following information should be furnished.

TYPE OF FUEL TO BE HANDLED: FLOW RATE. OPERATING PRESSURE; ELECTRICAL CHARACTERISTICS OF POWER AVAILABLE AT SITE; SIZE (I.D.) AND TYPE OF FUEL INLET CONNECTION.

CABINET	Unpainted 16 gauge stainless steel housing, removable rear access panel, hinged roof with hold open bar for access, dual/single front main access door(s) with locking handles keyed alike.
Option	1A. Deletion of entire cabinet.
EQUIPMENT BASE	Heavy duty channel frame with deck plate for equipment support.
Option	1B Containment Base
INLET STRAINER	Cast iron construction, located on suction side of pump. 40 mesh basket.
PUMP/MOTOR STARTER	Positive displacement type pump, cast iron construction/explosion proof electric motor and manual starter.
Option	2A. Deletion of pump/motor and starter, inclusion of remote stop/start switch with indicator light
	2B. Magnetic Starter.
FILTER/SEPARATOR	Two (2) stage cartridge type F/S, internally epoxy coated steel ASME vessel, flanged inlet and outlet, air eliminator, differential pressure gauge, (Direct reading, piston type) and thermal pressure relief. API 1581 Group II, Class B, 3rd Edition.
Option	3A. Sump heater with pilot light and on-off switch for hazardous locations.
	3B. Two (2) GNY millipore test connections, one (1) upstream and one (1) downstream of F/S, connections panel mounted in front of cabinet for ease of access.
	3C. Electronic water detection system providing automatic pump shutdown in the event of water accumulation in filter/separator sump.
	3D. Go-No-Go Filter Monitor with auto shut down fuses with pressure gauge as on filter/separator to check differential pressure across elements.
DEADMAN CONTROL VALVE	
Option	4A. Electric/Hydraulically operated, normally

SERIES NO. 1736



PLAN VIEW

General Layout For 100 GPM. Shown

STANDARD MODELS 100, 200 and 300 G.P.M.

MODEL NO.	FLOW RATE	DIMENSIONS	DRY WEIGHT
1736-100	100 GPM	78"x96"x46"	2300 lb.
1736-200	200 GPM	78"x108"x46"	2600 lb.
1736-300	300 GPM	78"x130"x46"	3000 lb.

Weights and measures are approximate.

closed inline control valve with explosion proof electric solenoid valve deadman handle/switch with 50' cable to operate on an intrinsically safe electrical current for underwing fueling only.

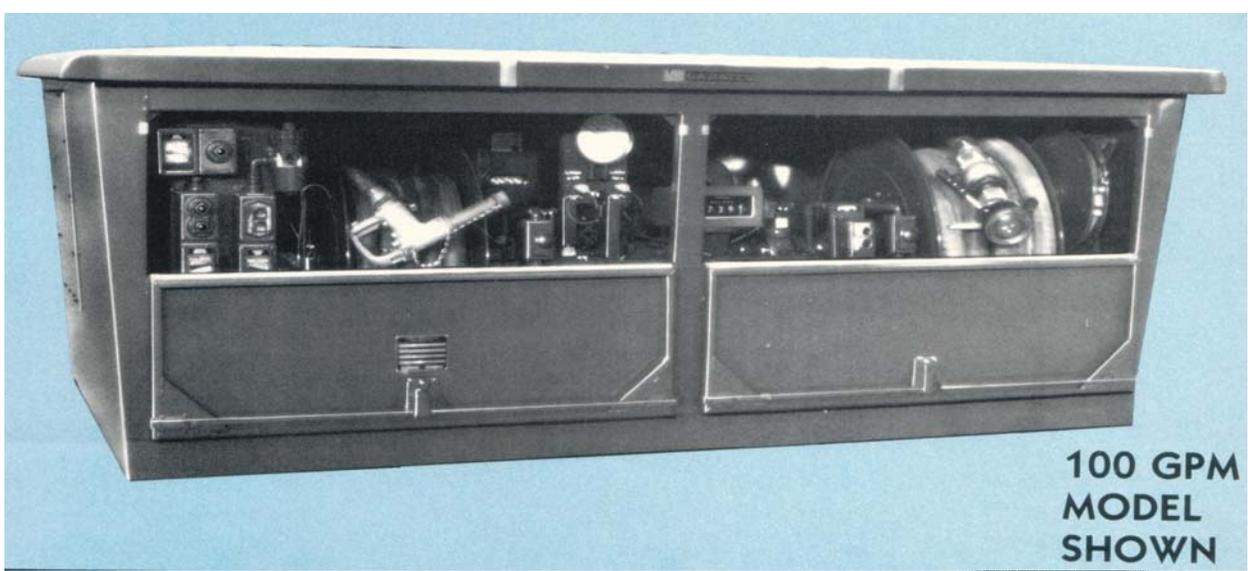
4B. Adds to deadman system a spring rewind reel to accommodate deadman cable and switch, reel system.
NOTE: Option 4a. must be included.

METER

Option

Positive displacement type, non-ferrous construction, large numeral counter.

5A. Ticket printer.
5B. Addition of preset valve to meter.
5C. Addition of rate of flow indicator.



Cabinets are supplied as a packaged unit including all components required for safe, efficient delivery and metering of air craft fuel. All units are hydrostatically pressure tested and flow tested before shipment and are warranted for a period of one year from delivery date. Installation and servicing instructions are supplied with each unit.

All GNY fueling cabinets are manufactured to the same exacting standards of quality and performance used in the design and fabrication of all our aviation equipment.

GNY cabinets can be piped to unload transporters, defuel and recirculate product on special request. Cabinets can be supplied with additive blenders if required.

ADDITIVE BLENDING SYSTEM

- Option 6A.** System designed to add anti-icing (prist) additives into product upon delivery to aircraft. System includes liquid driven motor, speed reducer, additive pump. and stain less steel additive storage tank, system completely self-contained, additive rate is adjustable and will remain constant once set, additive injection into product can be turned off.
- 6B.** System as described above to add biocidal (bibor) additives.
- 6C.** Product driven additives 0-1500 P.P.M.

adapter to allow interchange of overwing and underwing nozzle. NOTE: Option 9B must be included.

HOSE REEL

Heavy duty hose reel. 115VAC, single phase, 60 Hz explosion-proof electric rewind, non-ferrous swing joint/internals.

- Option 7A.** Additional hose reel complete with hose and nozzle, (type of nozzle must be specified).
- 7B.** Deletion of electric rewind for manual hand crank.

STATIC REEL

Heavy-duty aviation type, cable length to suit hose length, 100 amp alligator clamp.

LIGHTS

Option

- 10A.** Explosion-proof interior cabinet light 110 volt AC, pendant type fixture with lens, lens guard, and switch.
- 10B.** Explosion-proof exterior cabinet marker light, fixture with lens, lens guard and switch.

HOSE

50' length hose certified for aviation fueling, coupled male x male non-reusable couplings.

- Option 8A.** Alternate lengths of hose, length must be specified, 75' 100'.

PIPING

Piping upstream of filter separator to be steel, piping downstream of filter separator to be aluminum to prevent contamination. Victaulic couplings are provided to facilitate disassembly.

Option

- 11A.** Piping downstream of filter separator to be stainless steel.
- 11B.** Recirculation piping to provide capability of circulating product from storage through F/S and back to storage for cleaning product. Requires a separate return line back to the storage tank.
- 11C.** Off load piping to provide flow from tank truck through filter/separator into storage. NOTE: Option 11B must be included.
- 11D.** Defuel piping to provide capability of defueling aircraft returning fuel to storage. NOTE: Option 11B must be included.

NOZZLE

Overwing nozzle for aviation service, rigid drop tube, strainer, dust cap, swivel, grounding wire, non-ferrous construction.

- Option 9A.** Delete overwing nozzle.
- 9B.** Underwing nozzle, 100 mesh strainer, dust cap, swivel inlet with quick disconnect, 35 PSI hose end control valve. (requires addition of deadman control option 4A.)
- 9C.** Addition of dry break quick disconnect

FINISH

Base, equipment and piping finish painted air dry enamel, color white.

GNY MIDI FUELER MODEL: GNY 1736-100

(CLIENT: EAST HAMPTON AIRPORT, N.Y.)

Specification:

100 G.P.M. Off-loading / Bottom loading fuel dispenser for Jet Fuel, comprising of Electrical driven Pump set with Elec. starter, Filter/Seperator with Accessories, Relaxation Tank, Meter with totalizer, Hose Reel, 3" Fueling Hose, Valves, Dead-man System, Installed in Stainless Steel Cabinet (108" x 78" x 48"H).



Supplied in Year 2001

GNY MIDI FUELER MODEL: GNY 1736-100

(CLIENT: EAST HAMPTON AIRPORT, N.Y.)

Specification:

100 G.P.M. Off-loading / Bottom loading fuel dispenser for Jet Fuel, comprising of Electrical driven Pump set with Elec. starter, Filter/Seperator with Accessories, Relaxation Tank, Meter with totalizer, Hose Reel, 3" Fueling Hose, Valves, Dead-man System, Installed in Stainless Steel Cabinet (96"x 66"Base x 48"H).



Supplied in Year 2001

