

# Neo-Sunny

*Petrol Pumps & Dispensers* PAT.PEND.



 **TATSUNO**  
CORPORATION

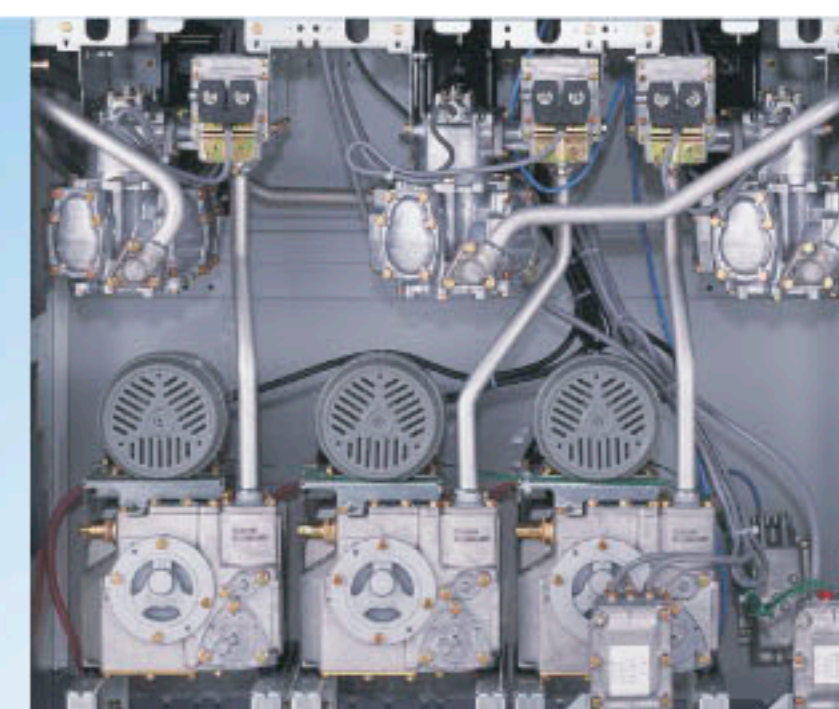


# Neo-Sunny

## Tatsuno Dispensers, Always Advanced



- Rich in Functions Designed with the Latest Technology
- Sturdy and Long Lifespan
- Functional and Beautiful Appearance
- Customer-Friendly Design
- Easy Operation and Maintenance



★ The photos show that the models are equipped with several options.



# Select the Model that Best Fits Your Needs

A lineup of models offering one to four products, varied nozzle positions, housing widths, and pumps or dispensers.

## GDB/GSB

Wide Housing, Front Nozzle Models



**4882**  
4 pumps  
8 nozzles  
2 counters



**3662**  
3 pumps  
6 nozzles  
2 counters



**3664**  
3 pumps  
6 nozzles  
4 counters



**2442**  
2 pumps  
4 nozzles  
2 counters



**2444**  
2 pumps  
4 nozzles  
4 counters

## GDA/GSA

Narrow Housing, Front Nozzle Models



**2442**  
2 pumps  
4 nozzles  
2 counters



**2444**  
2 pumps  
4 nozzles  
4 counters



**2222**  
2 pumps  
2 nozzles  
2 counters



**1222**  
1 pump  
2 nozzles  
2 counters



**1111**  
1 pump  
1 nozzle  
1 counter

## GDA/GSA

Narrow Housing, Side Nozzle Models



**2222**  
2 pumps  
2 nozzles  
2 counters



**1222**  
1 pump  
2 nozzles  
2 counters



**1111**  
1 pump  
1 nozzle  
1 counter

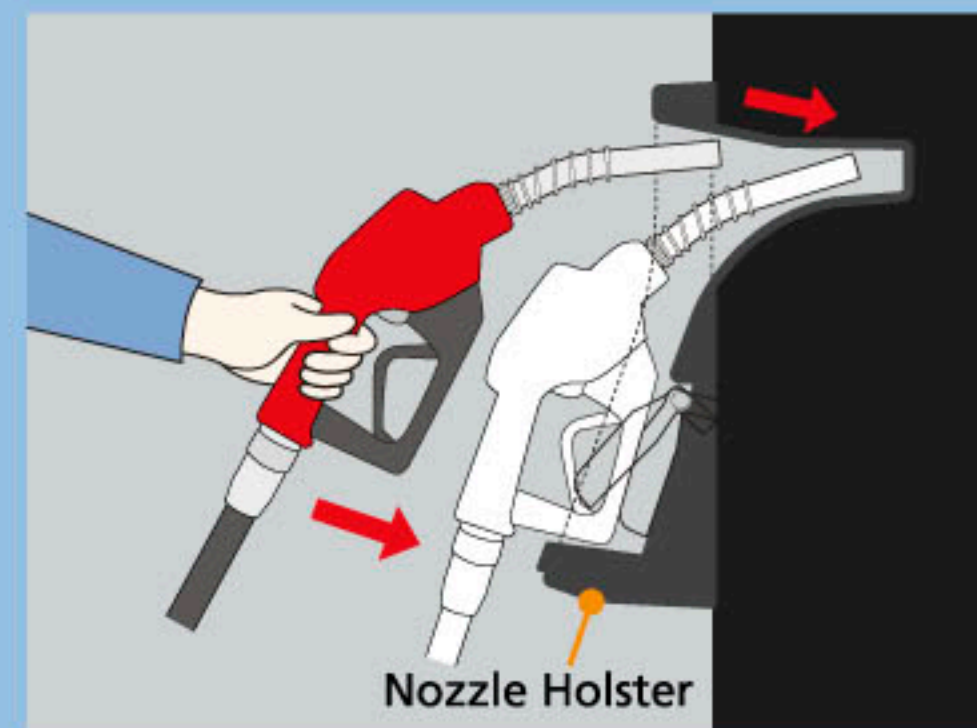
★ The photos show that the models are equipped with several options.



## Plastic Nozzle Holder Offers Easier, Friendlier Handling



Ergonomically designed for safer operation, easier handling, and longer life.



Nozzle Holster



## Tatsuno Nozzles Offer Excellent Operation

1. Enhanced durability.
2. Increased delivery speed.
3. Easy operation for precise pumping in 0.01L increments.



Model:FN-1001-Z03

- Prepay nozzle (Normal speed)



Model:FN-1004-6

- High speed nozzle (Up to 80 liter/min)

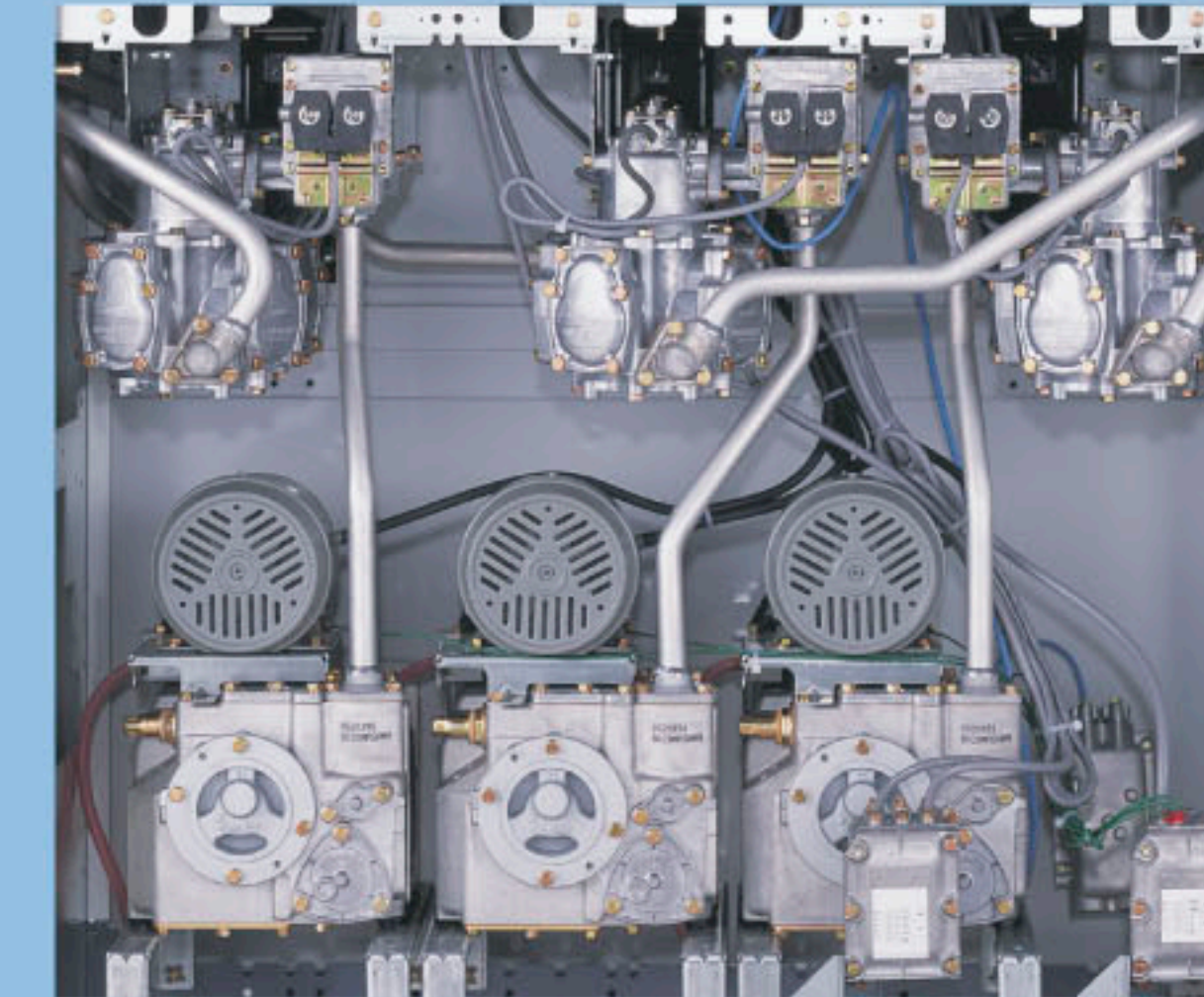
## Dual-plane Swivel

- Dual-plane swivel offers easy hose handling
- Easy maintenance

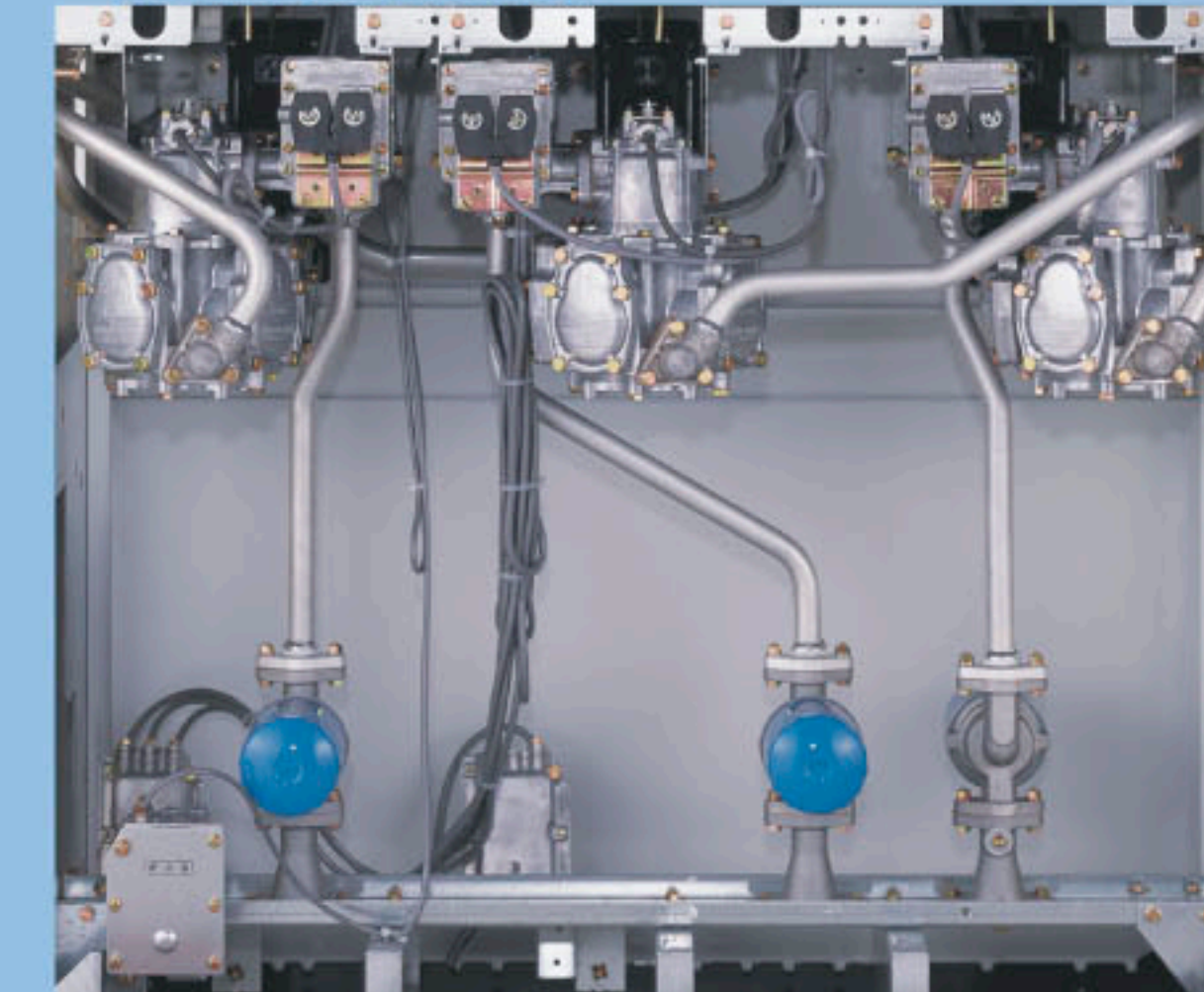


## Select Self-Contained Pump or Dispenser

- Suction model



- Remote model



## Standard High-Quality 3-Phase Motor

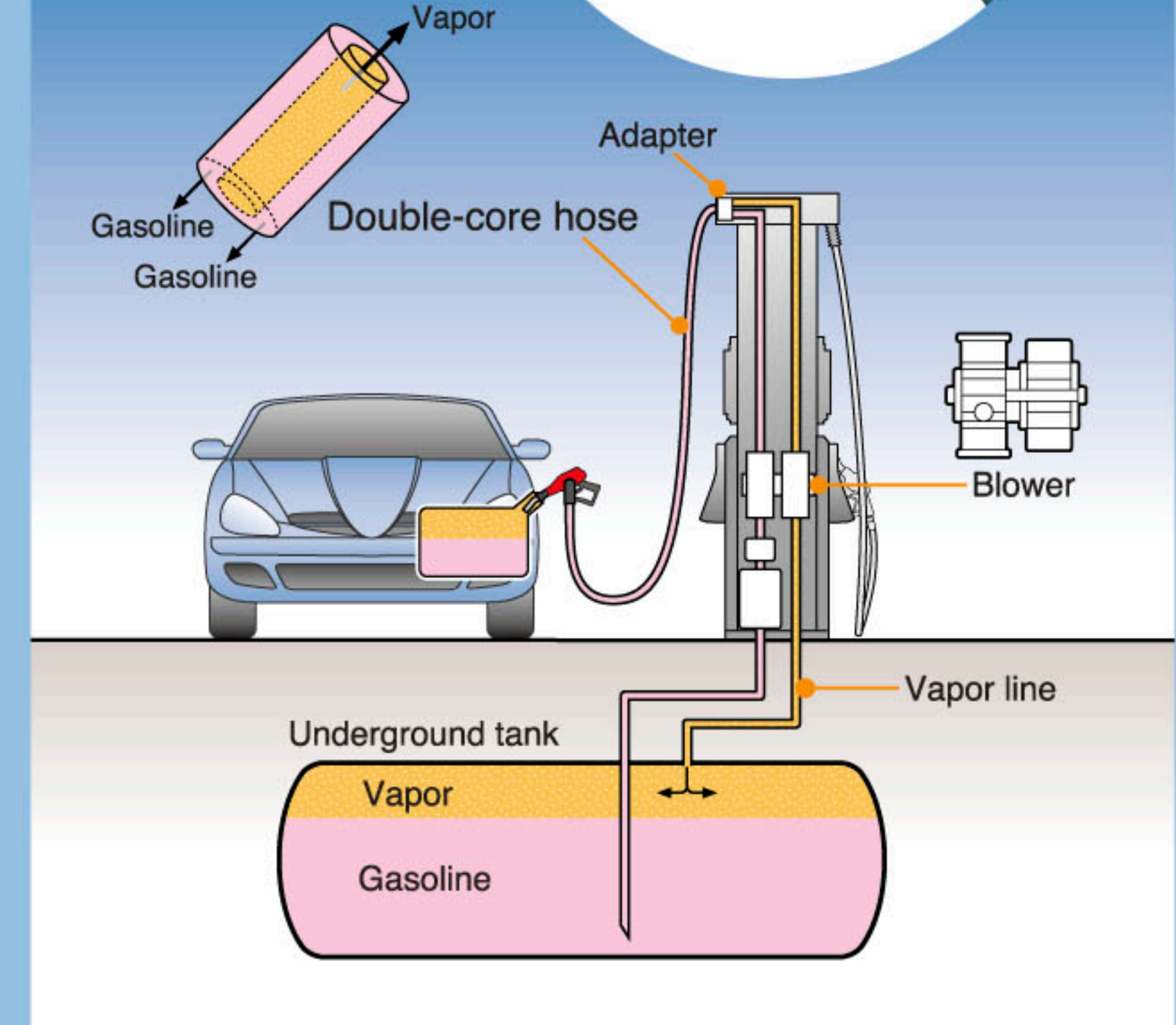
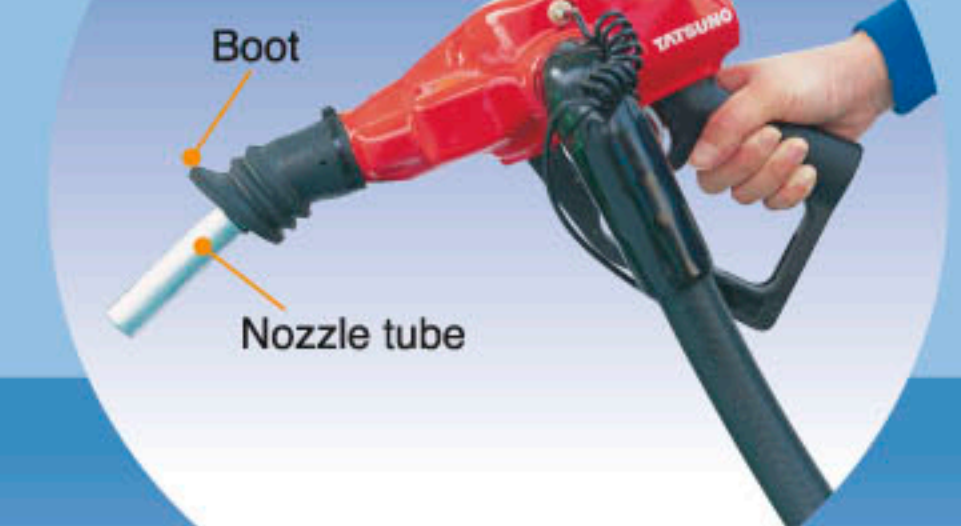
A multi-feature three-phase motor is standard with suction pumps.

- Low electricity consumption
- Rugged endurance
- Less maintenance
- Compact size
- Fewer parts than a single phase motor



## Vapor Recovery System for Safety and a Cleaner Environment

Vapor recovery nozzle

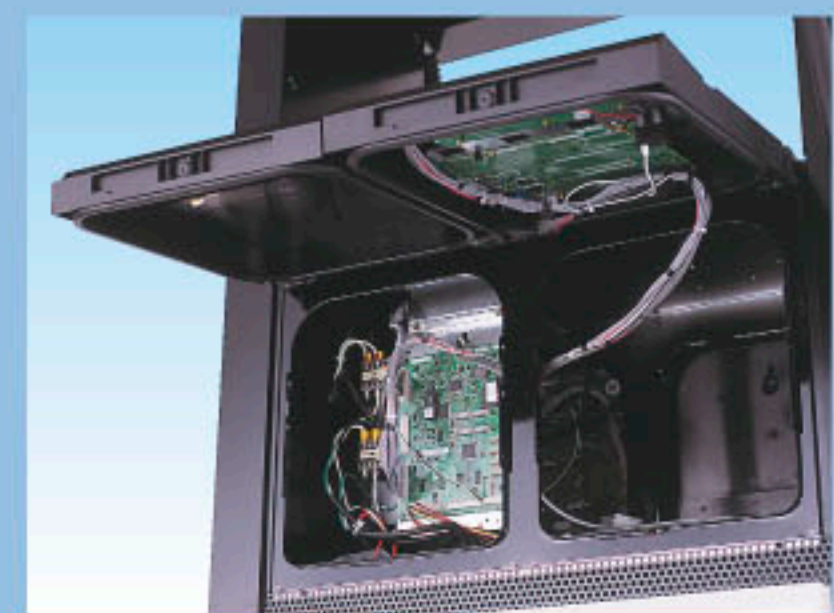


Vapor is returned to the underground tank during fuelling via the double-core hose preventing both atmospheric pollution and possible vapor ignition.

## Easy Maintenance Design

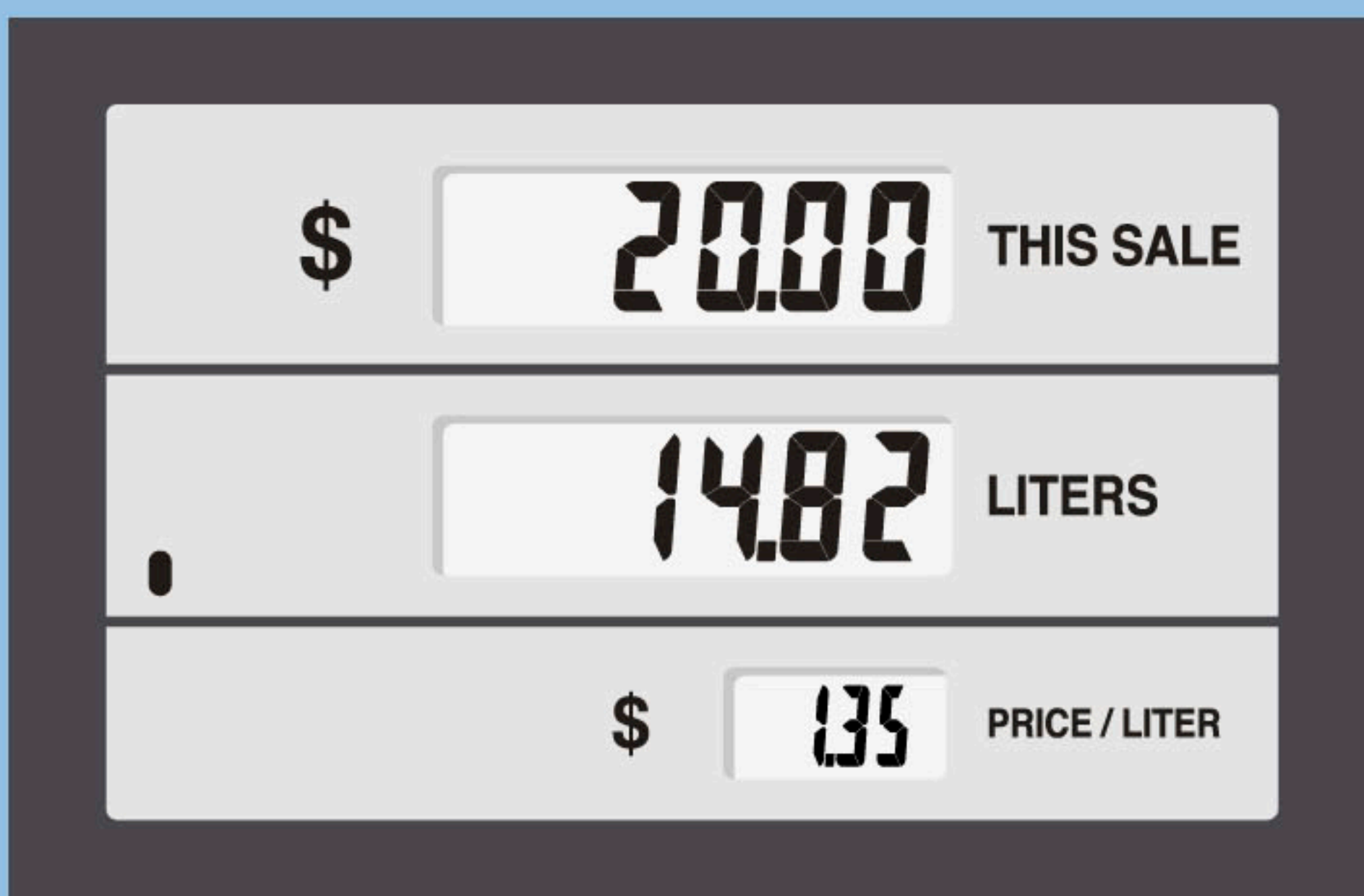
Easy inside access for maintenance and a sturdy structure offering long life.

- Open display panels with stoppers
- Front panel with nozzle holster
- Well-designed internal construction

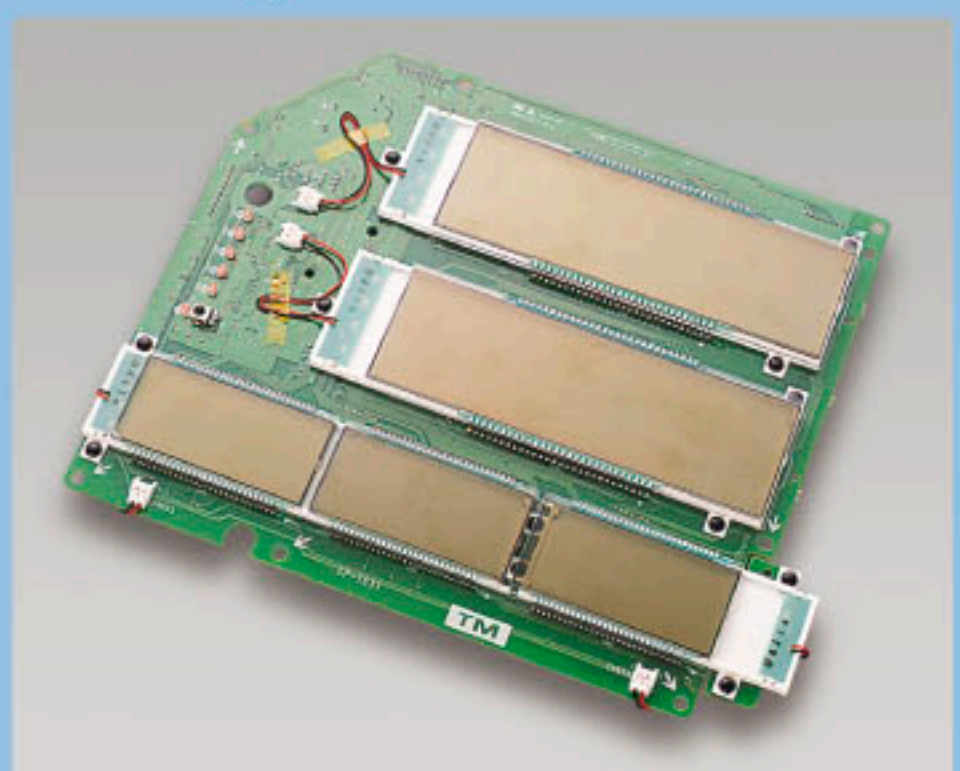




## Large Easy-to-see LCD Display with LED Backlight



New LCD Panel Introduced  
Brightness control, no color distortion, and a maintenance-free long life

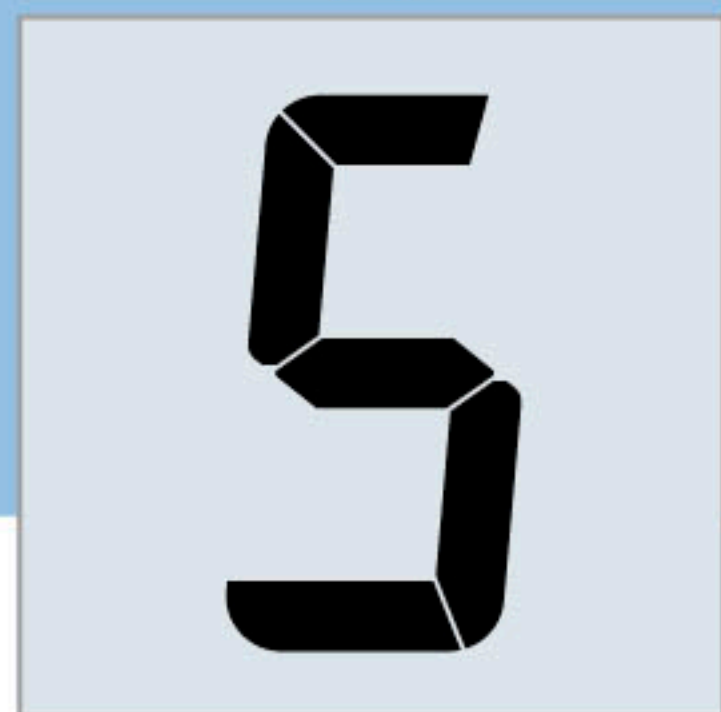


New LCD panel display with integrated LED backlight  
Clear day and night visibility.  
Longer life with less maintenance

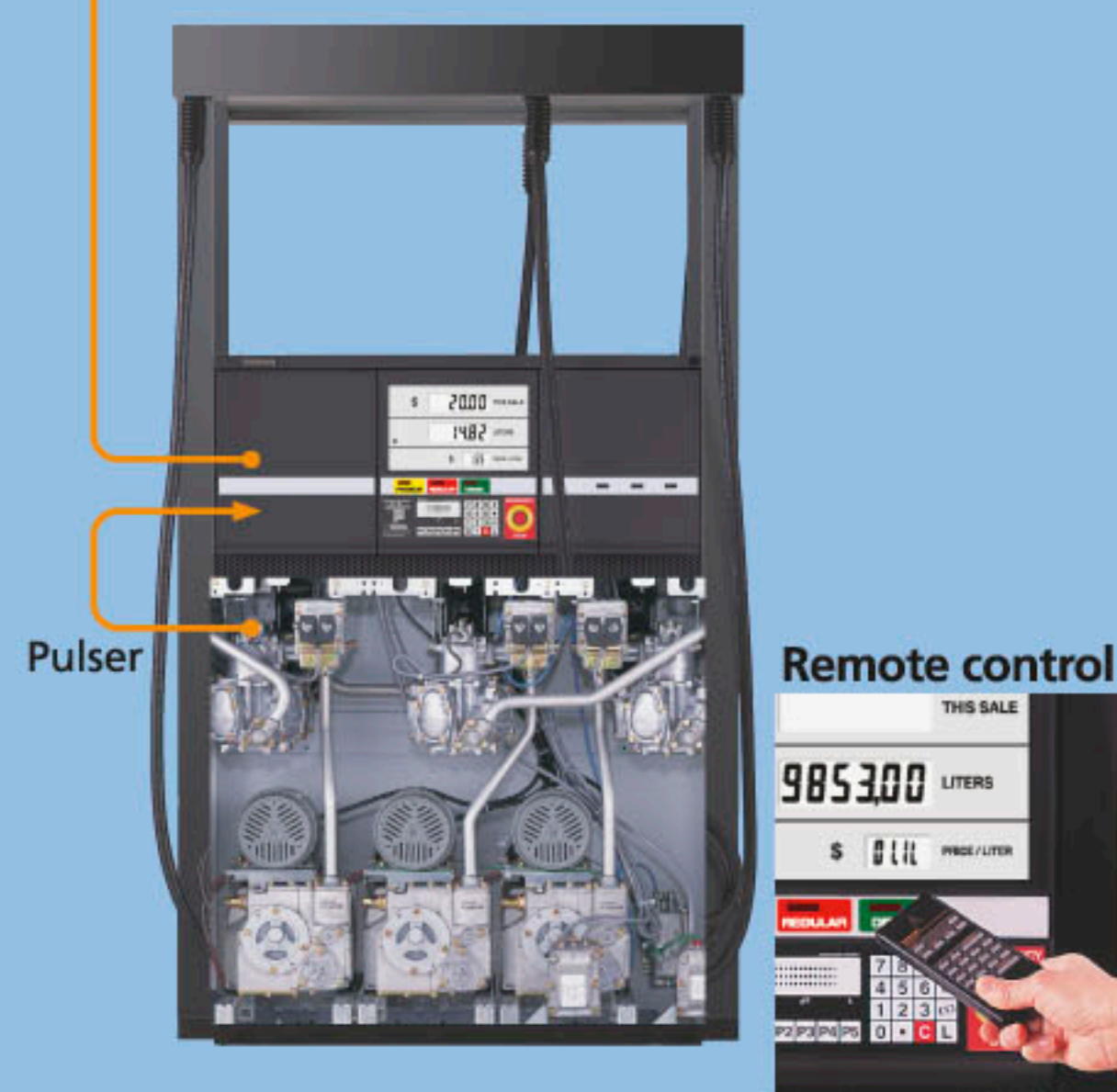
Improved Visibility  
Clear, 117% Larger Figures  
The clear 35mm figures are 117% larger than 30mm figures.



(actual size)



## Electronic Totalizer Readout



### Multi-Purpose Self-Diagnosing Totalizer

Multiple totalizer functions are available and all data can be read using the remote control. Data is clearly shown on the display. Self-diagnosis prevents possible breakdowns.

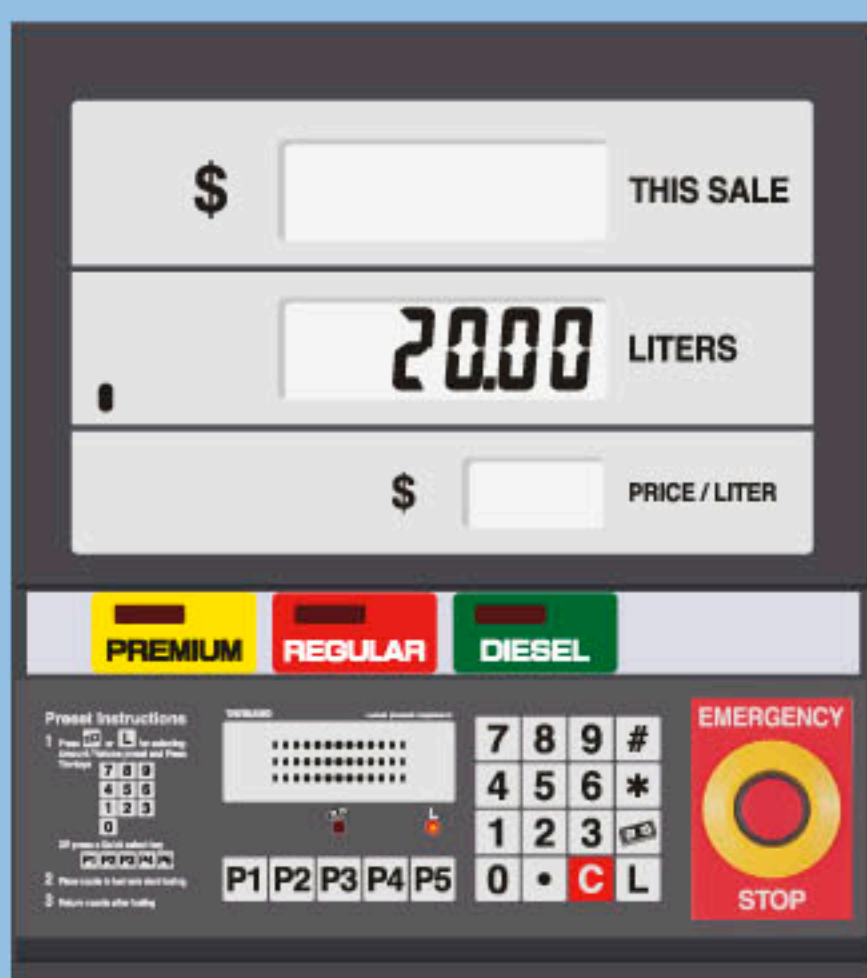
**Electro-magnetic totalizer**  
Totalizes electronically processed data from the flow meter pulse signal. Optional mechanical totalizer available.



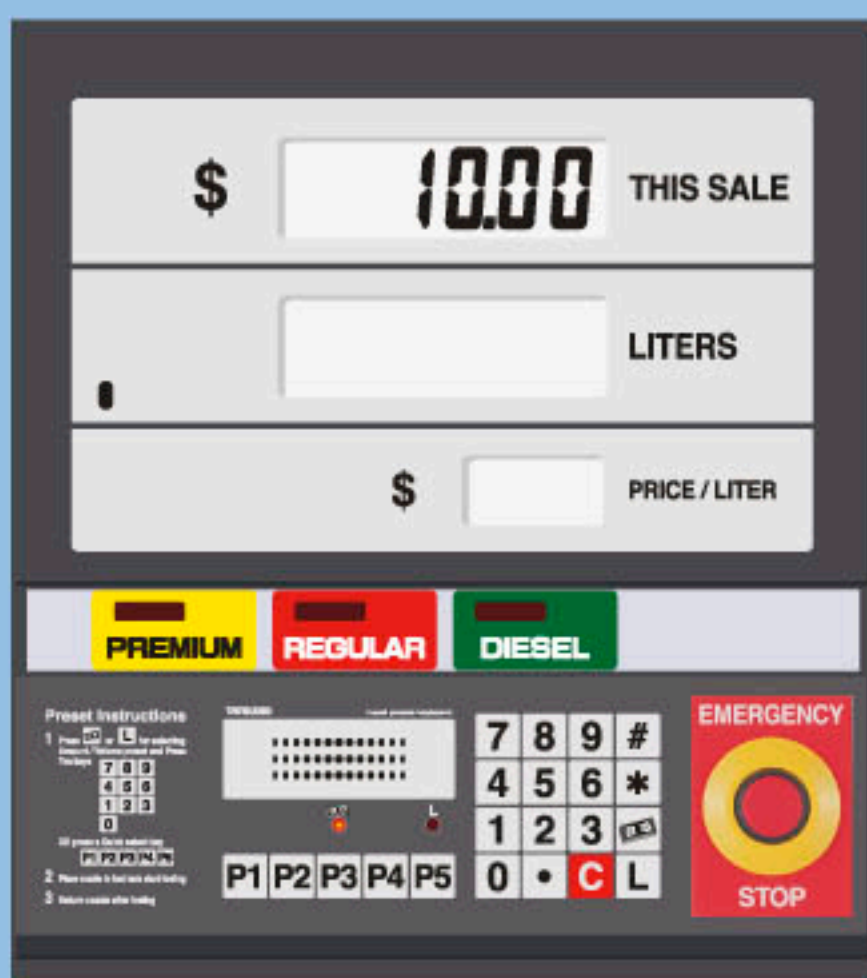
Electro-magnetic totalizer

## Easy-to-Set Preset Functions

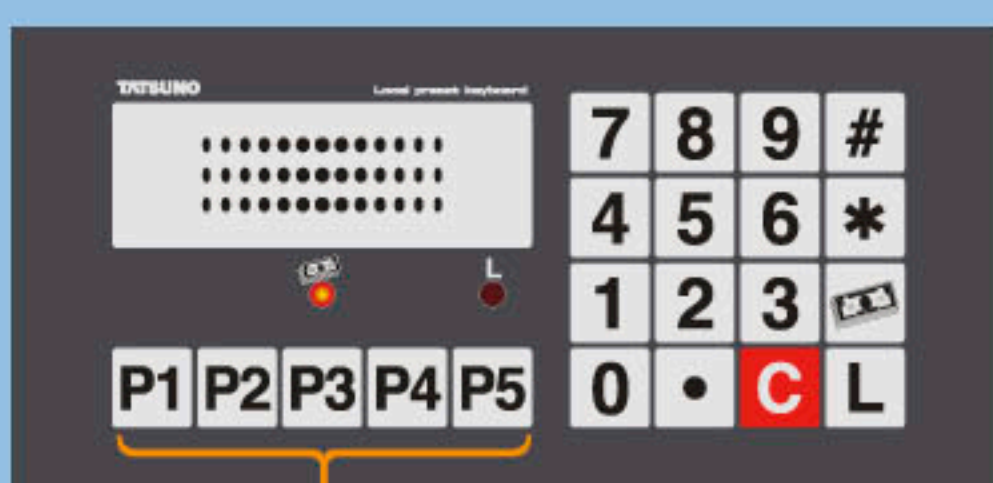
### Preset Volume or Amount Displayed



#### ▲ Volume preset



#### ▲ Amount preset



#### Swift preset with five-rank keys

Any given amount or volume can be correctly and automatically fuelled using the preset mode with the preset amount or volume shown on the main display.

Optional small preset display on the preset keypad available.

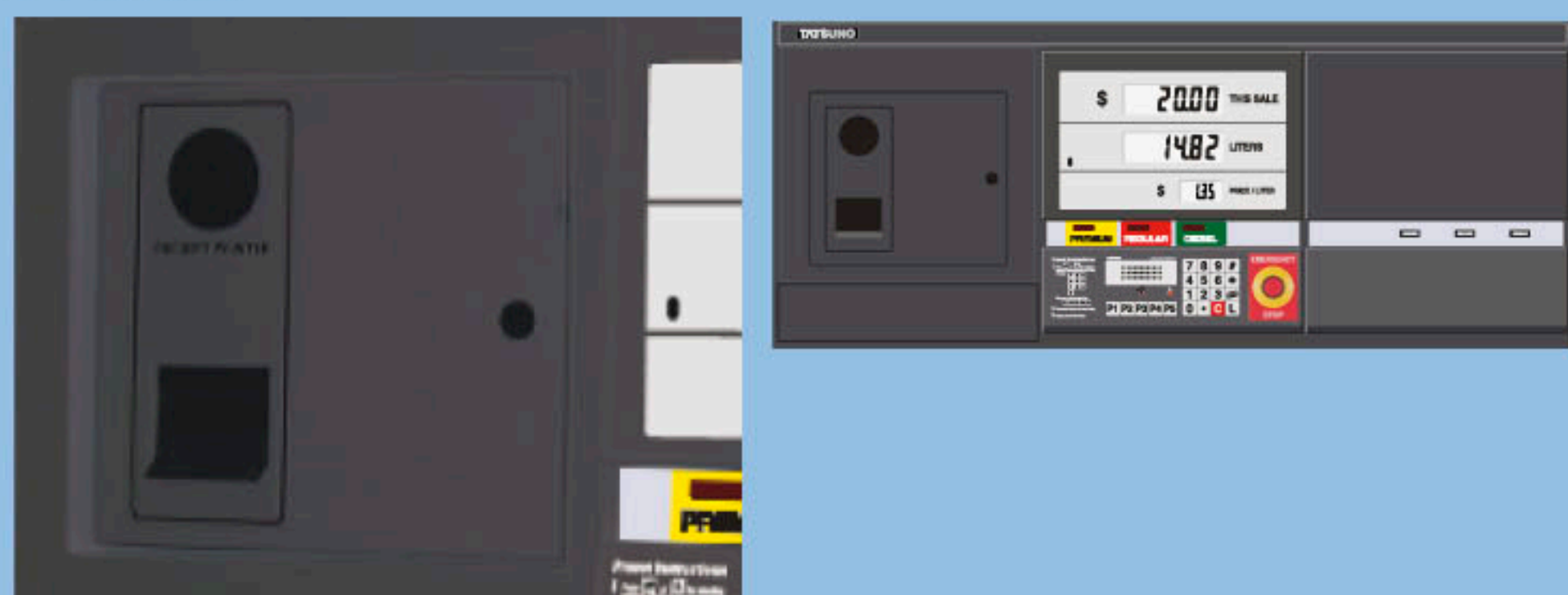
## Outdoor Payment Terminal for the POS System

### OPT-280



Optional pay-at-pump integration gives drivers quicker fuelling and payment services with easy-to-operate guidance.

### Printer



Optional long life printer automatically issues transaction receipts after fuelling.



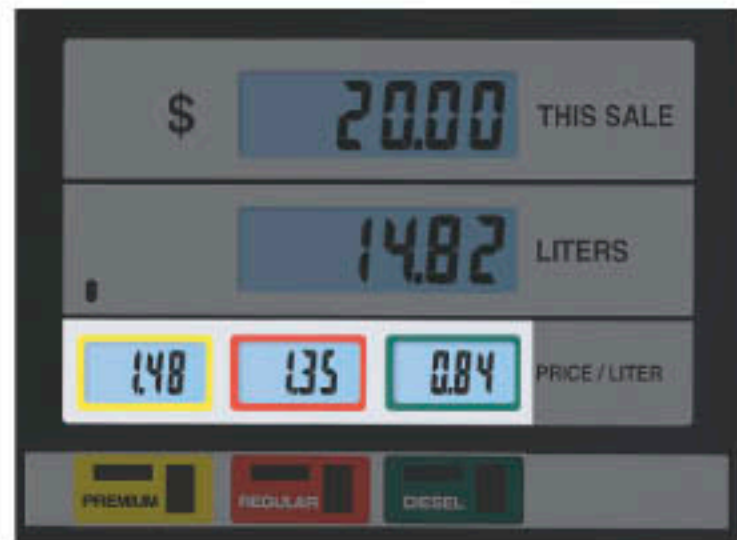


List of Functions/Types

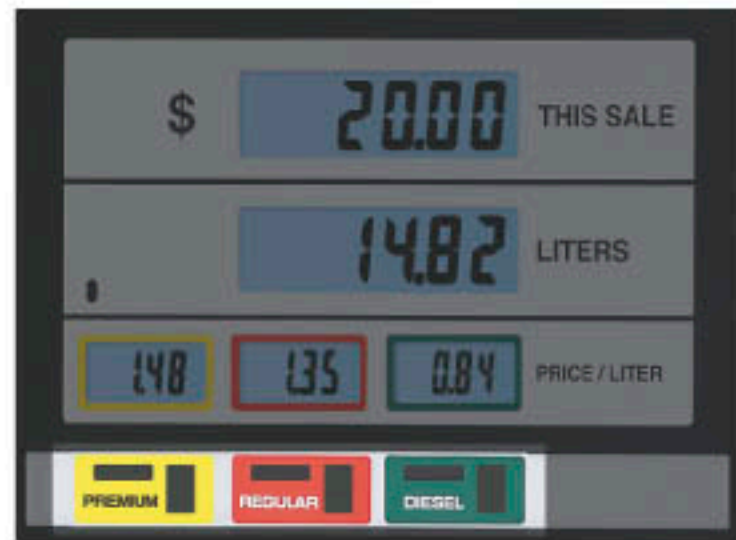
Suction and submersible types are available for all models.  
● Main Feature ▲ Optional Feature — Unavailable

Function		Wide Housing, Front Nozzle Models					Narrow Housing, Front Nozzle Models					Narrow Housing, Side Nozzle Models		
		4882	3662	3664	2442	2444	2442	2444	2222	1222	1111	2222	1222	1111
Appearance														
Fueling system diagram				 Simultaneous 4-nozzle fueling		 Simultaneous 4-nozzle fueling		 Simultaneous 4-nozzle fueling						
Measuring display(liter,amount,unit price)		●	●	●	●	●	●	●	●	●	●	●	●	●
Price display by product		—	▲	▲	▲	▲	—	—	—	—	—	—	—	—
Product lamp		▲	▲	▲	▲	—	—	—	—	—	—	—	—	—
Product selection switch & product lamp		▲	▲	▲	▲	—	—	—	—	—	—	—	—	—
Preset features		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
SIGNAL	RS-485	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	IFSF	▲	▲	▲	▲	▲	▲	▲	▲	▲	—	▲	▲	—
Hose & Hanger	15ft Standard	●	●	●	●	●	●	●	●	●	●	●	●	●
	15ft (Hard core)	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	17ft Standard	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	17ft (Hard core)	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Tatsuno nozzle (model 2)	Tatsuno standard nozzle	●	●	●	●	●	●	●	●	●	●	●	●	●
	Tatsuno prepay nozzle	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	Splash guard	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	Diesel drip guard	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Tatsuno swivel	Single	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
	Double	●	●	●	●	●	●	●	●	●	●	●	●	●
Vapor recovery		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Safety breakaway coupling		●	●	●	●	●	●	●	●	●	●	●	●	●
Electro-magnetic totalizer		●	●	●	●	●	●	●	●	●	●	●	●	●
Emergency stop button		●	●	●	●	●	●	●	●	●	●	●	●	●
Filling cap holder		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Sight glass		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Oil sump		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Outdoor Payment Terminal (keypad, display, card reader, printer)		▲	▲	▲ ※2	▲	▲ ※2	▲ ※1	—	▲ ※1	▲ ※1	▲	—	—	—
Printer		▲	▲	▲	▲	▲	—	—	—	—	—	—	—	—

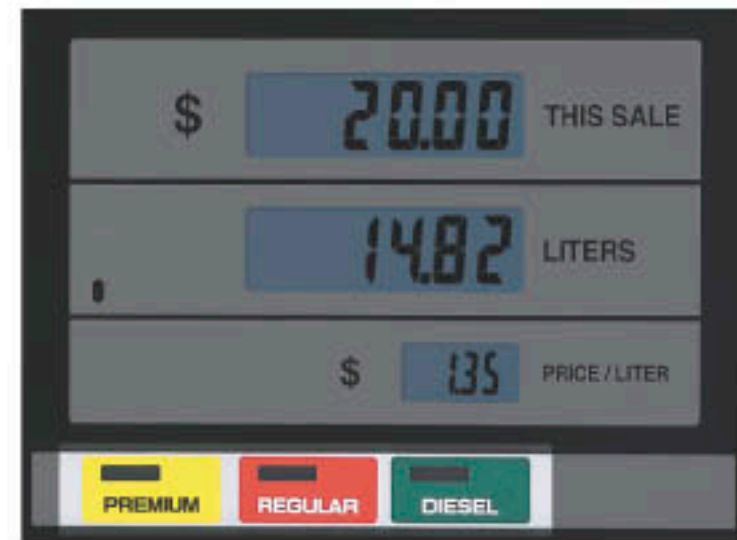
※1 The C2 counter is installed opposite the C1 counter when the OPT is installed. ※2 The pump cannot run simultaneous self-service 4-nozzle fueling when the OPT is installed.



Price display by product



Product selection switch & product lamp



Product lamp



Preset Function



Splash guard



Double swivel



Safety breakaway coupling



Emergency stop button

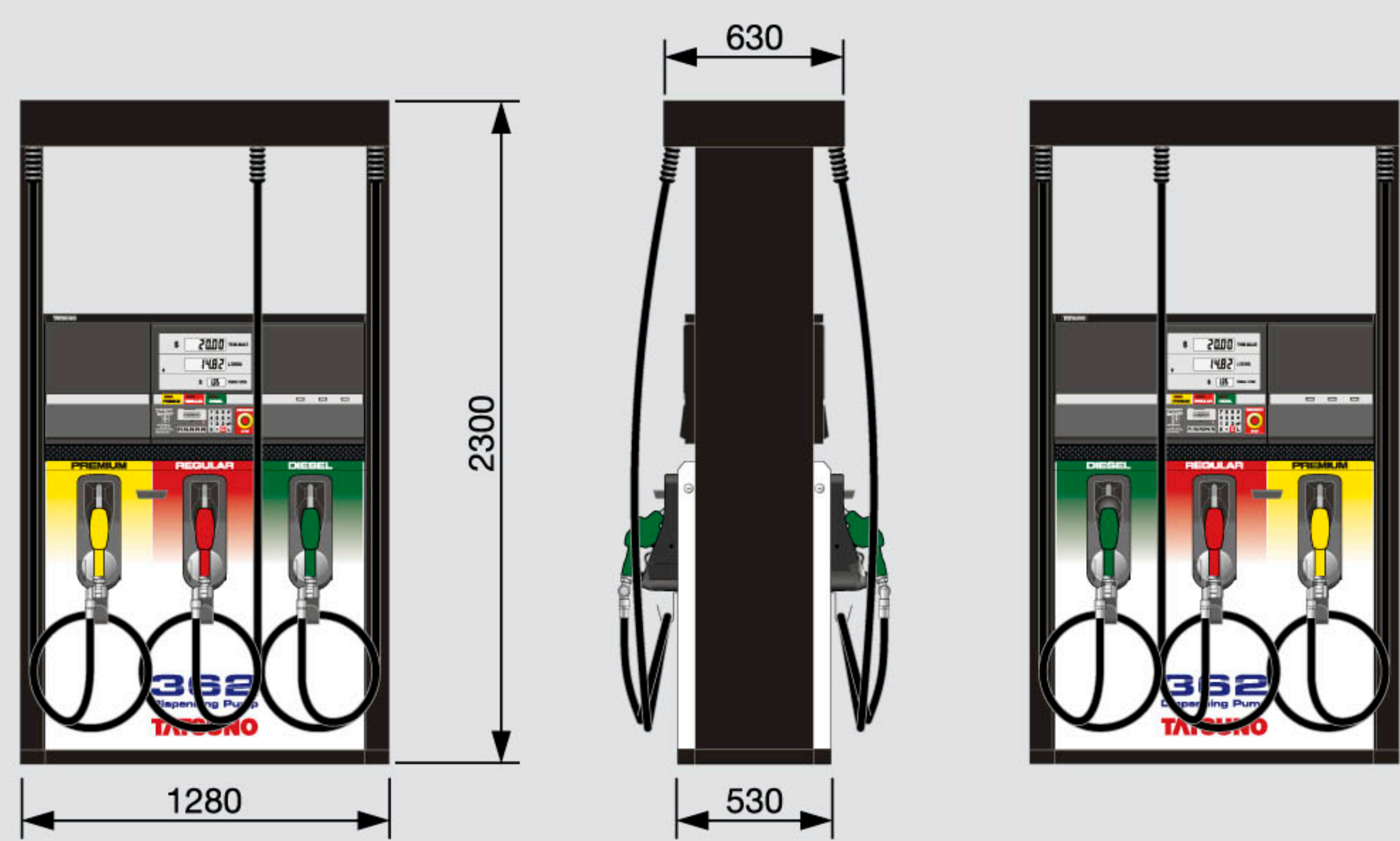


Filling cap holder



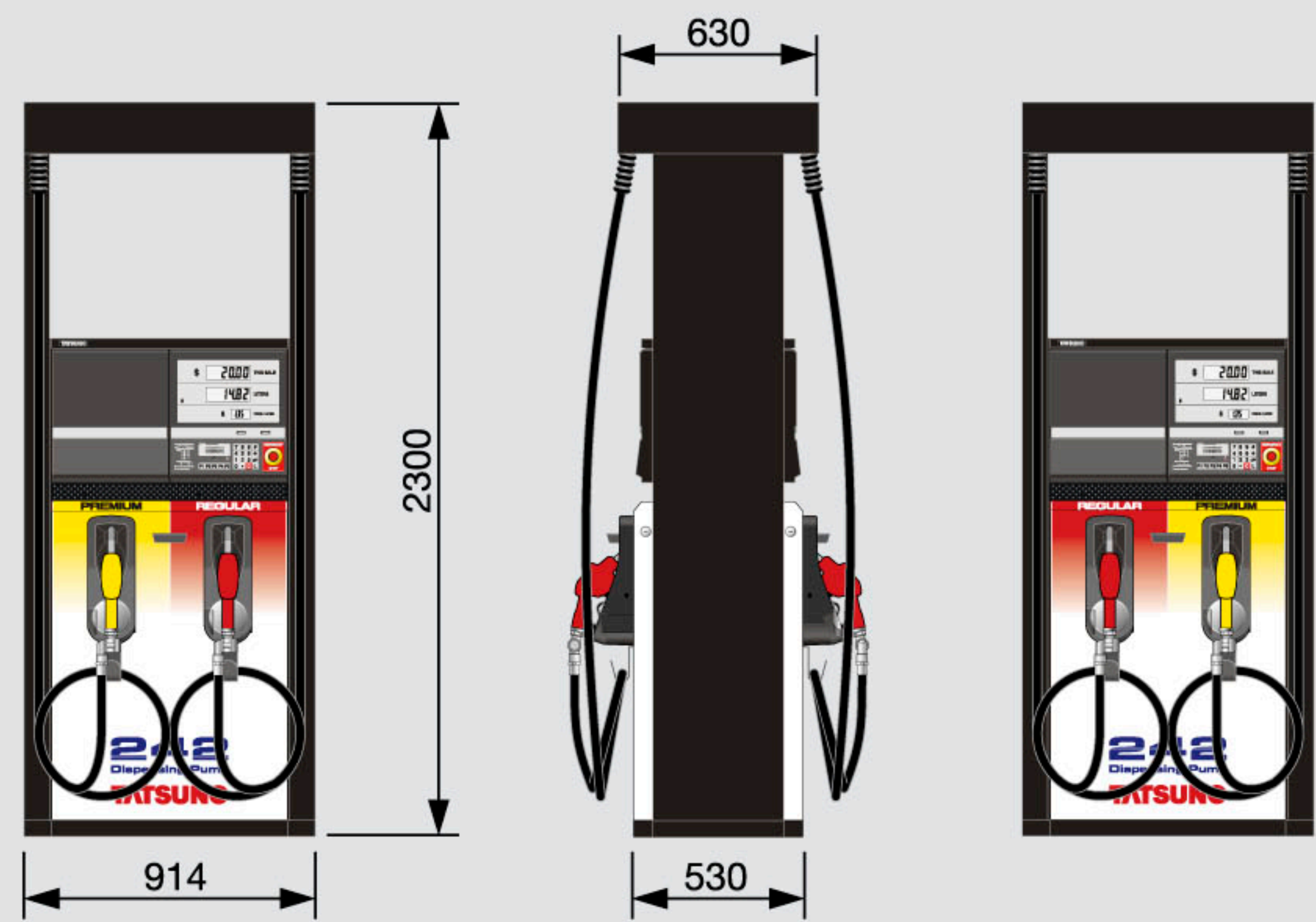
# Dimensions

Wide  
GDB/GSB  
models

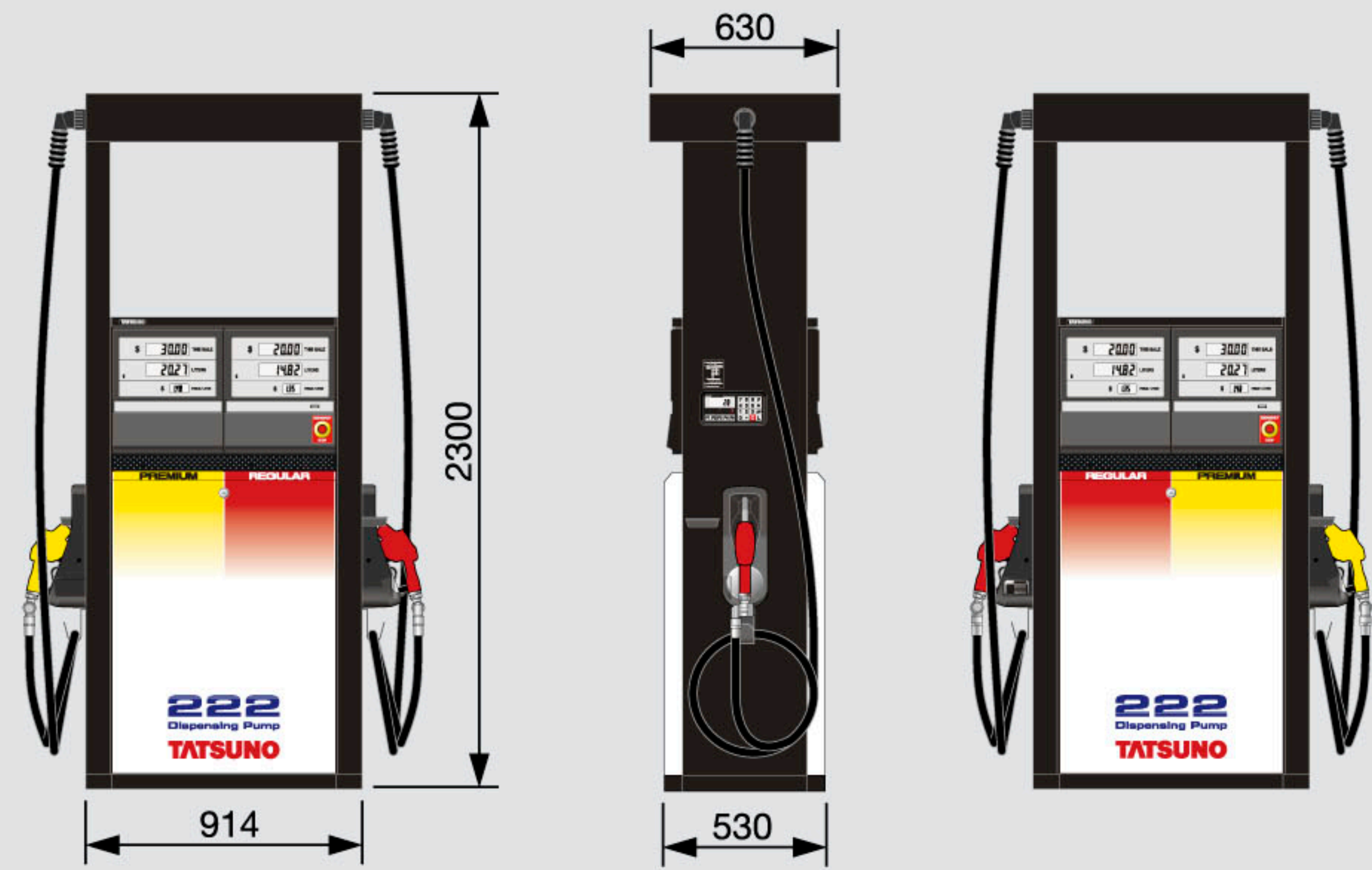


Narrow  
GDA/GSA  
models

Nozzle front model



Nozzle side model





# Specifications

Model Name & type	GDA/GDB suction series	Narrow GDA/GSA models : Lane Oriented (Nozzle front model) or Island Oriented (Nozzle side model), Narrow body with or without top case (canopy)
	GSA/GSB remote series	Wide GDB/GSB models : Lane Oriented (Nozzle front model), Wide body with top case (canopy)
Delivery Speed	Suction models : Standard speed (Gasoline/Diesel) : 40 liter/min. High speed (Diesel) : 70 liter/min. *Note : Simultaneous fueling 30 or 35 L/min. at standard speed & Reduction by half at high speed for Front 122, 242, 244, 362,482 models)	
	Remote models : Depend on the on-site submersible pump capacity	
Measuring Accuracy	±0.25 %	
Flow Meter	Standard : 4-piston positive displacement flow meter and electric calibration system Option : 4-piston positive displacement flow meter with micro-minute adjuster for manual calibration	
Suction pumping Unit	Internal silent gear pump with air separator, by-pass valve, and suction strainer and check valve	
Motor	Standard : 3-phase Induction motor, Explosion-proof, 380~415 VAC±10%, 50/60Hz 750W,400W made by Manufacture : Toshiba, Option : 1-Phase Induction motor,Explosion-proof, 220~240 VAC±10%, 50/60Hz 750W,400W made by Manufacture : Kitashiba,	
Counter	1) Type : LCD (Liquid Crystal Display) 2) Character color : Black characters on a white field with bright LED back light 3) Display : Amount -6 digits H:35mm, Volume -6 digits H:35mm, Unit price -4 digits H:22mm 4) Unit price setting : By remote control 5) Electronic totalizer : 8 + 2 digits or 7 + 3 digits 6) Other functions : Self-diagnosis function, Battery back-up, Over voltage protector	
Preset	Standard : Counter display use for confirming the preset data Option-1 : Small LCD readout with ten(10) keypad + 5-rank one-touch key buttons Function : Presetable for amount and volume with ten(10) keypad + 5-rank one-touch key buttons (Possible combined setting between amount & volume) Option-2 : No preset	
Totalizer	Standard : Electro-magnetic type : 7 digits(Volume for each hose)combined with Standard or Optional flow meter. Option-1 : Mechanical type : 7 digits (Volume for each hose) combined with manual calibration system (Optional flow meter) Option-2 : No totalizer except electronic totalizer	
Reset Device	Automatic rest in nozzle holster	
Nozzle	Standard : Tatsuno nozzle with color scarf guard Spout size : 13/16" or 15/16" Option : Compatible with other makes	
Swivel	Standard : Provided: Tatsuno dual plane swivels Option : Compatible with other makes	
Hose	Standard : Black, 3/4" or 1" X 15 FT, Oil Resistant, Goodyear Option : Negotiable color & length by request	
Sight Glass	Option : Negotiable by request	
Safety Breakaway Coupling	Standard : Provided: Tatsuno (Non-reusable) Option : Not used	
Connection kit for underground piping	Suction : Flexible Tube, Flange, 1-1/2" threaded Remote : Connection pipe + packing, 1-1/2 threaded for OPW shut-off valve connection	
Filter for remote models	Standard : Paper filter Option : Reusable metal strainer	
Manual Drive Handle	Not Provided for suction models *Note : Manual drive fuelling is not available with this model	
Wiring	Cabtyre cable	
Painting	Standard : Side panel : black / Front panel: white Option : Negotiable by request	
Product sticker	Standard : Not provided Option : Negotiable by request	
POS Interface	Standard : No POS interface Option : RS-485 or IFSF	
Emergency Stop button	Standard : Provided Option : Not used	
Fueling Stop Function	Option : Effective against earthquakes with a seismic acceleration level of more than 100 GAL (5+ on the Richter Scale)	
Accessories	Remote control: Only provided 1 unit per gas fueling site through the distributor Anchor bolts : Not provided Hanging eye-bolt for island installation : Not provided *Supplied by the distributor as required	

※ Note:The delivery speed of the pump may change due to the following conditions if it is used beyond Tatsuno’s installation and operational instructions:  
1) Size and length of hose 2) Size and type of nozzle/swivel 3) Oil products, suction condition, and local piping conditions  
4) With/without preset (Specifications are subject to change with or without prior notice.)





**Yokohama plant**

**ISO9001 certified**



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PRINTED IN JAPAN  
20.17.04(S)1601cG