

Trimline® and Commercial Self-Contained Pumps

Model No.	Description
164-R/164-1	Trimline Single One-Product Standard Gallonage
164-S/164-5	Trimline Single One-Product High Gallonage
261-R/261-1	Trimline Dual One-Product Standard Gallonage
262-R/262-1	Trimline Dual Two-Product Standard Gallonage
625-R/625-1	Commercial Single One-Product Standard Gallonage
625-S/625-5	Commercial Single One-Product High Gallonage
655-R/655-1	Commercial Dual One-Product Standard Gallonage
656-R/656-1	Commercial Dual Two-Product Standard Gallonage

Note: A "5" in the second digit denotes unlighted Trimline models. A "T" in the fourth digit denotes intermediate gallonage.

Load Table

See attached wiring diagrams:

Manual Resets:

FE-300	Single & Dual 2-Product Pumps 120VAC
FE-301	Single & Dual 2-Product Pumps 240VAC
FE-302	Dual 1-Product Pumps 120VAC
FE-303	Dual 1-Product Pumps 240VAC
FE-304	Three-phase Motor Pumps 220/380VAC

Electric Resets:

FE-305	Standalone Pumps 120VAC
FE-306	Standalone Pumps 240VAC
FE-307	Single and Dual 2-Product Pumps (Gilbarco Pulser) 120VAC
FE-308	Single and Dual 2-Product Pumps (Gilbarco Pulser) 240VAC
FE-317	Dual 1-Product Pumps (Gilbarco Pulser) 120VAC
FE-318	Dual 1-Product Pumps (Gilbarco Pulser) 240VAC
FE-309	Single & Dual 2-Product Pumps (VeederRoot Pulser) 120VAC
FE-310	Single & Dual 2-Product Pumps (VeederRoot Pulser) 240VAC
FE-311	Dual 1-Product Pumps (VeederRoot Pulser) 120VAC
FE-312	Dual 1-Product Pumps (VeederRoot Pulser) 240VAC
FE-313	Three-phase Motor Pumps 220/380VAC
FE-316	Electric Resets

Operating Environment

Relative Humidity.....	20% to 95% non-condensing
Minimum Outside Ambient Temperature.....	-22°F (-30°C)
Maximum Outside Ambient Temperature	104°F (40°C)

Performance Requirements

Minimum Delivery Rate (Std. Gal.) 10 gpm @ 35 psi inlet pressure
..... (38 lpm @ 102 kg/cm² inlet pressure)
Minimum Delivery Rate (High Gal.) 23 gpm @ 35 psi inlet pressure
..... (87 lpm @ 102 kg/cm² inlet pressure)
Meter Accuracy $\pm .25\%$ from 1.5 to 15 gpm (5.7 to 57 lpm)

Weights

Single One-Product

Standard Gallonage Pump Weight 350 pounds/158 kilograms
High Gallonage Pump Weight 360 pounds/162 kilograms

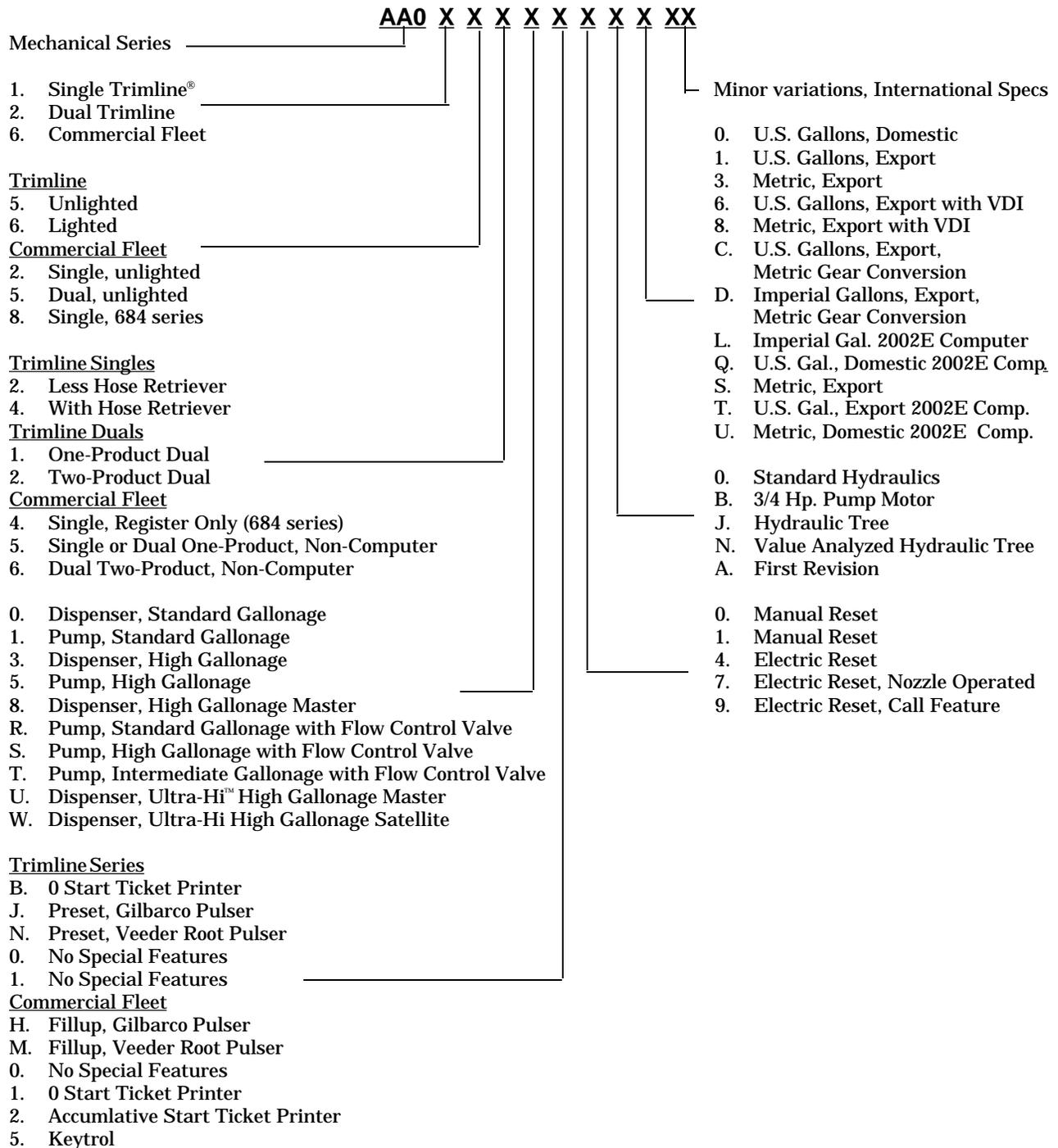
Dual One-Product

Pump Weight 540 pounds/243 kilograms

Dual Two-Product

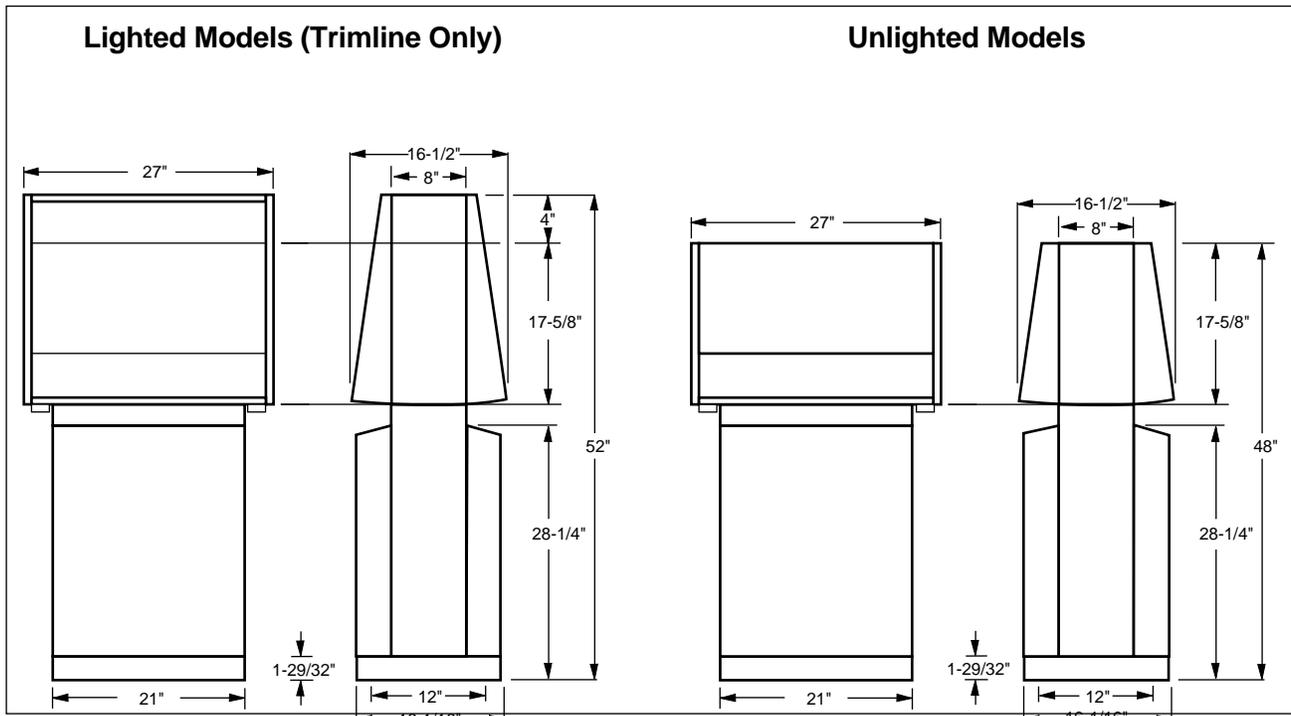
Pump Weight 575 pounds/259 kilograms

Model Number Breakdown

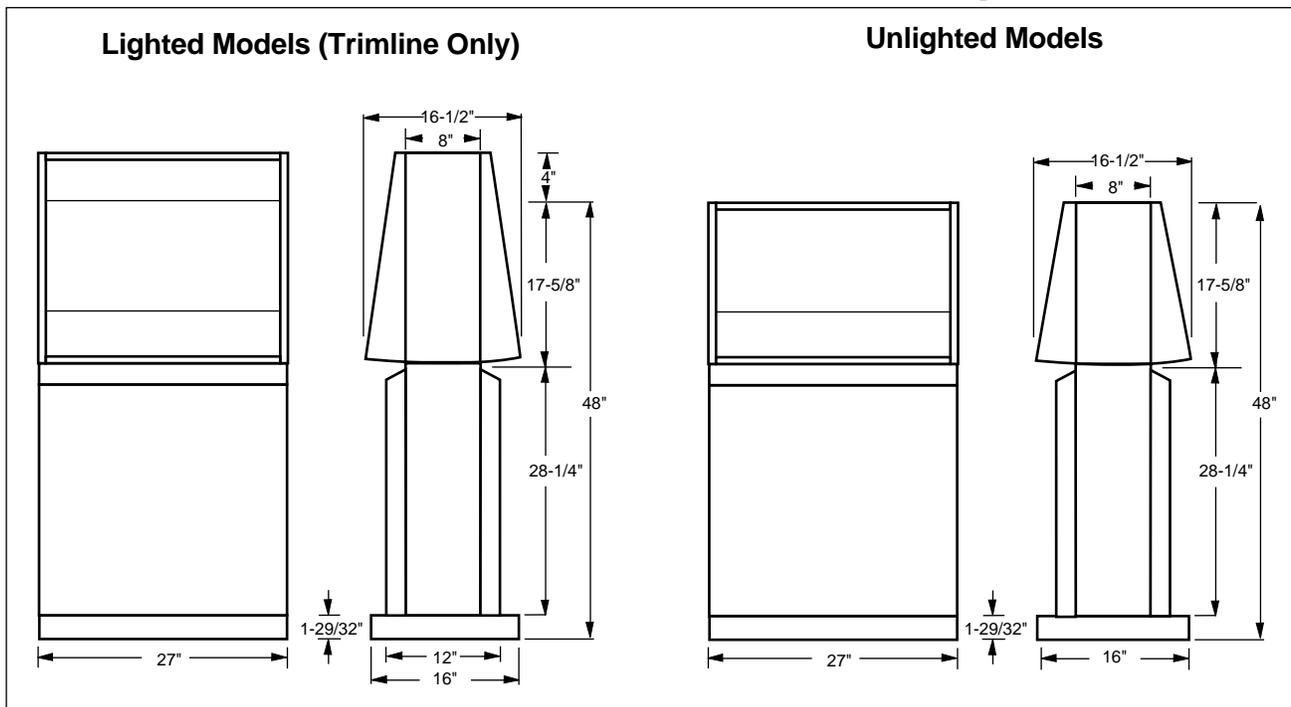


Elevation

Trimline® or Commercial Self-Contained Pumps 21" Frames



Trimline® or Commercial Self-Contained Pumps 27" Frames



Screening Specifications

Lower Doors

Overall: 33.94" H x 34.62" W
(Total Blank Area)

Front Surface: 25.41" H x 25.49" W

Metal Brand Panels

Overall: 5.88" H x 25.125" W

(Total Blank Area)

Screening Area: 5.56" H x 24.88" W

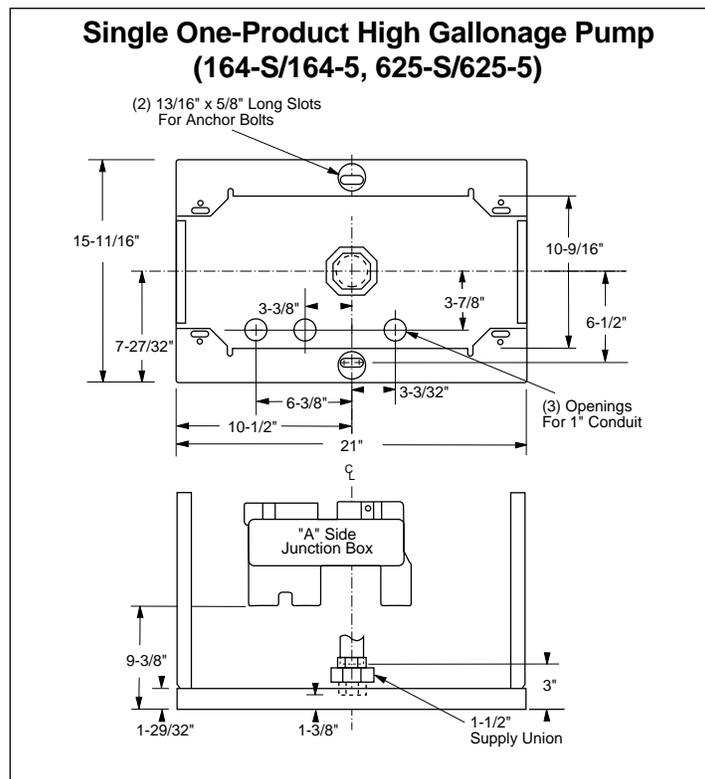
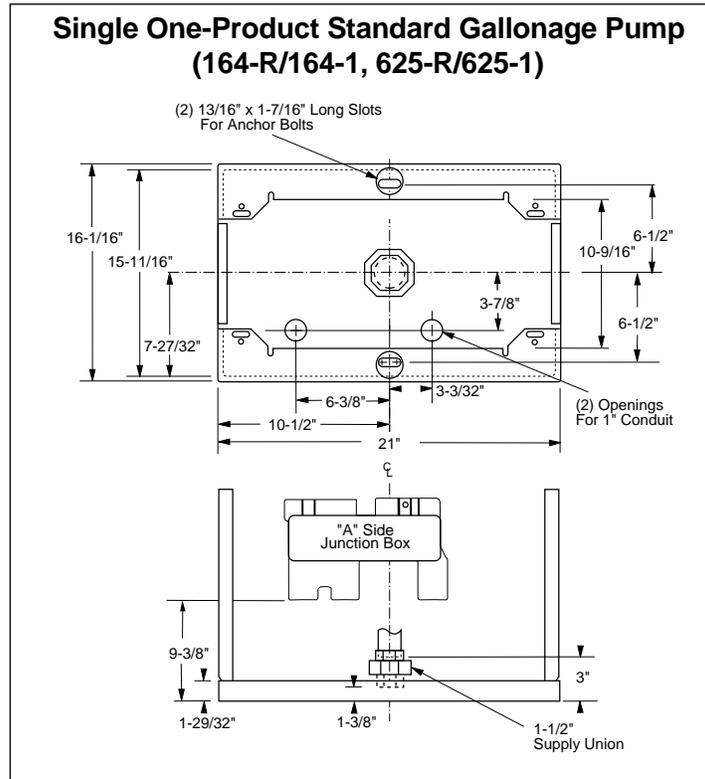
Plastic Advertising Panels
(Lighted Units Only)

Overall: 4.69" H x 24.84" W

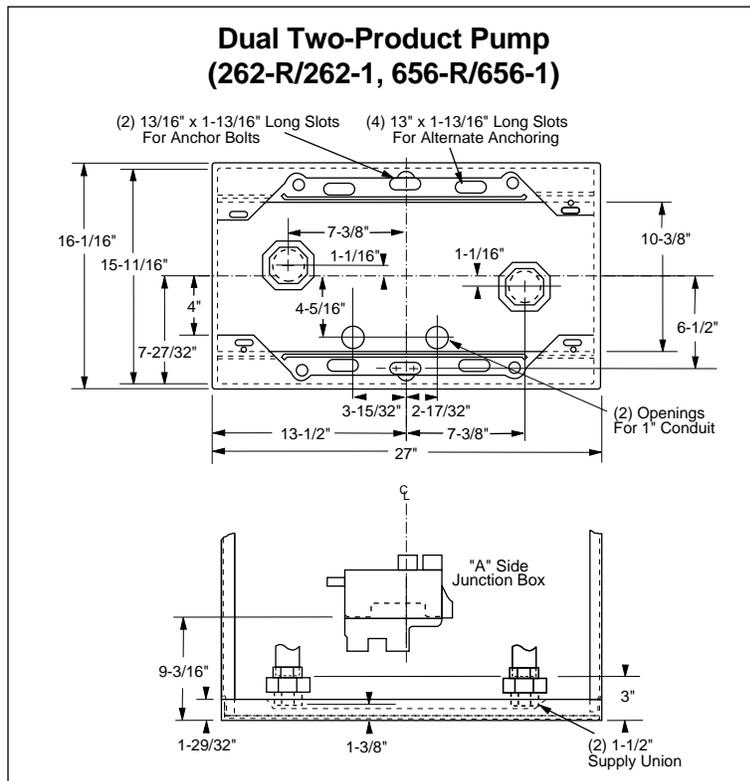
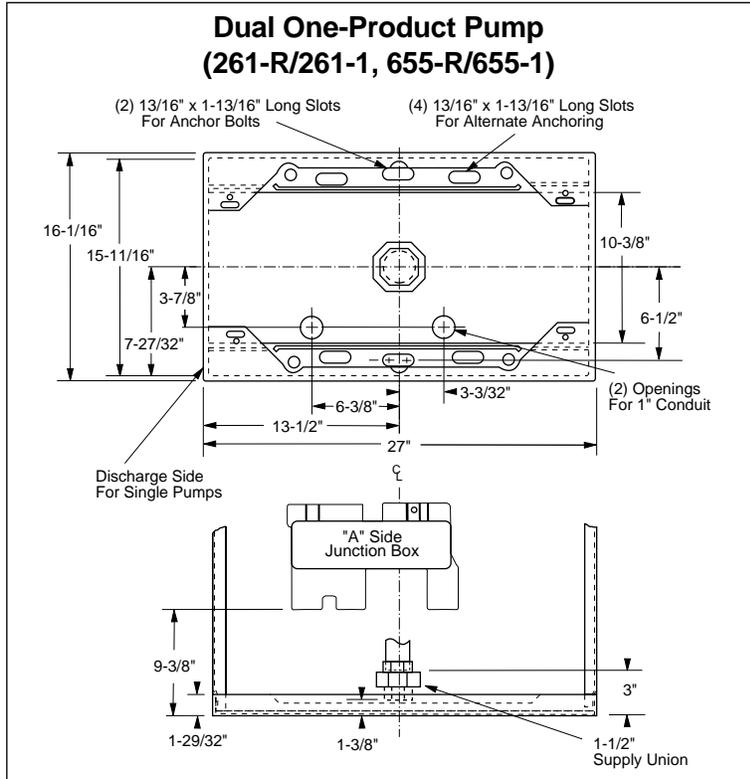
(Total Blank Area)

Screening Area: 4.19" H x 24.44" W

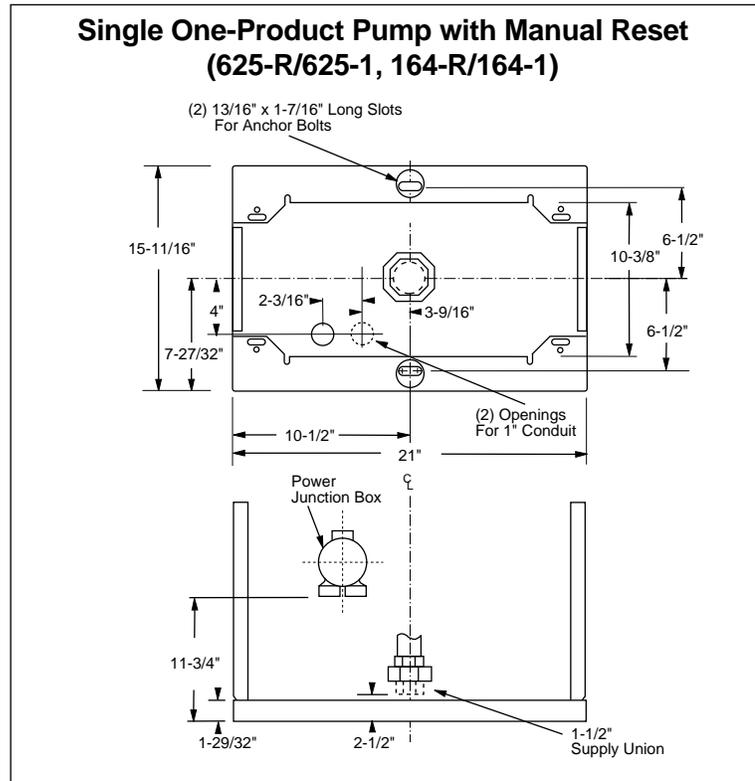
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 Warning!	
	<p>Dangerous environment. Highly flammable and explosive fuels are present. Failure to observe all safety precautions could result in serious injury or death. Observe all safety precautions as outlined in Gilbarco's manuals.</p>

Field Wiring Installation Notes

1. • Install a single EMERGENCY POWER CUTOFF control to remove AC power from site dispensing equipment and STP's simultaneously.
(The control is an additional safety feature, and not a substitute for NEC/NFPA30A circuit breaker requirements.)
 - Label the EMERGENCY POWER CUTOFF switch and instruct owner to keep area clear of obstacles.
2. Install a system Earth Ground.
3. Install power breakers to each circuit leading to the dispenser and STP or self-contained pump motors. They must be capable of simultaneously disconnecting hot and neutral conductors.
4. The junction boxes only show field wiring connections . Cap all unused wires. Local and National Electrical Codes may apply.
5. Use the same phase of electrical power for all dispensers.
6. Use 1" rigid metallic conduit to run wires. Install per NEC for hazardous locations.
7. Wires- 14AWG. Motor Wiring - min. 12AWG
System ground - wire is 12AWG.
Power loading and distance run may require larger wire size.

Note: In Canada switching neutral is contrary to the Canadian electrical code, reference part 1, rule 14-014.