Commercial 625 Ultra-Hi Dispensers

Model No.	Description
5625-U	Ultra-Hi™ High Gallonage Master Dispenser
5627-W	Ultra-Hi™ High Gallonage Satellite Dispenser

Load Table

See attached wiring diagrams:

FE-314	Commercial 625 Ultra-Hi Dispensers 120VAC
FE-315	Commercial 625 Ultra-Hi Dispensers 120VAC
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 (Ultra-Hi)* .....40 gpm @ 35 psi inlet pressure
.....(152 lpm @ 102 kg/cm^2 inlet pressure)
or when teamed with satellite .....60 gpm @ 35 psi inlet pressure
.....(228 lpm @ 102 kg/cm^2 inlet pressure)
Meter Accuracy .....± .25% from 1.5 to 15 gpm (5.7 to 57 lpm)

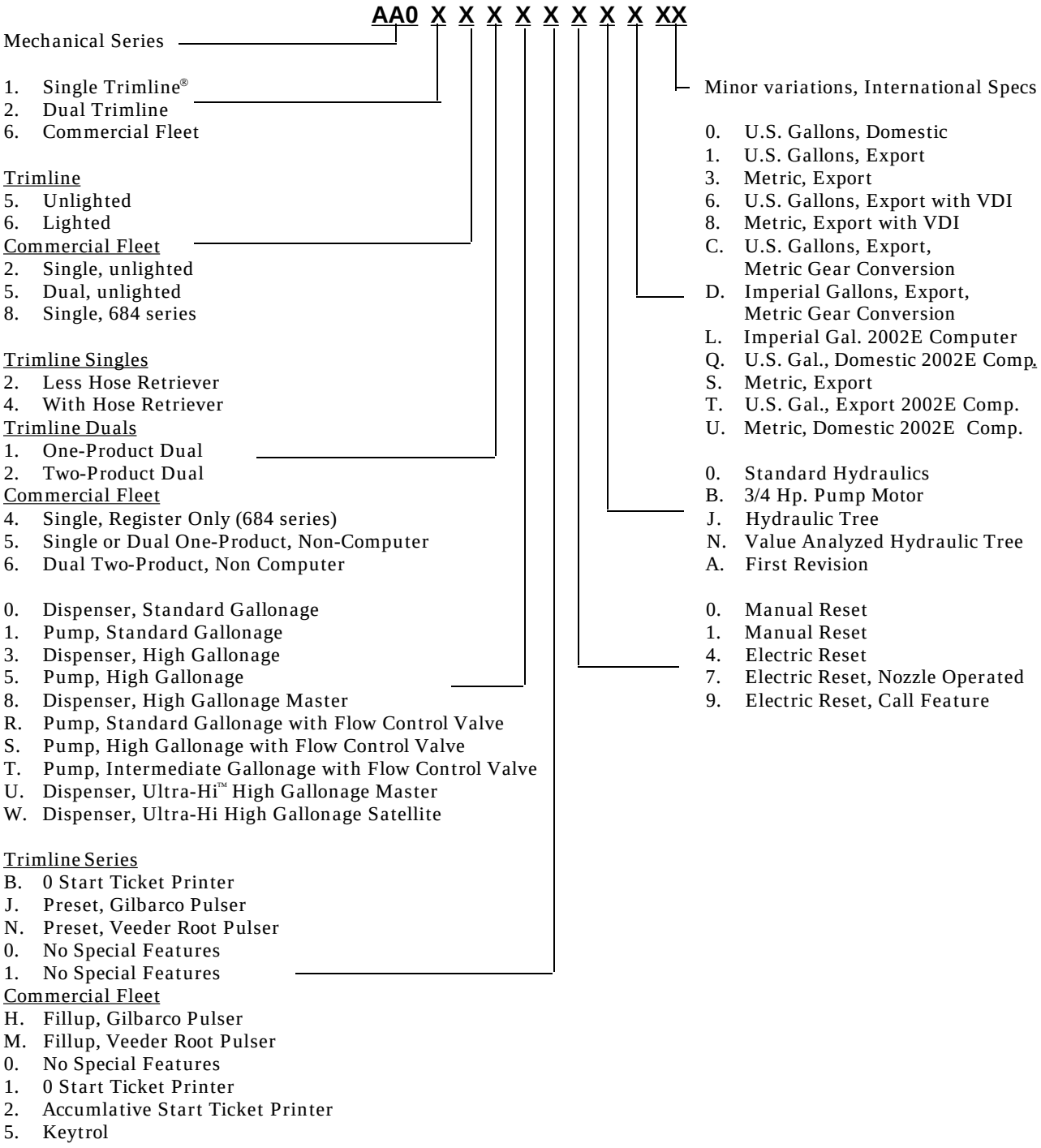
**Actual flow ratedepends on specific installation and accessories.*

Weights

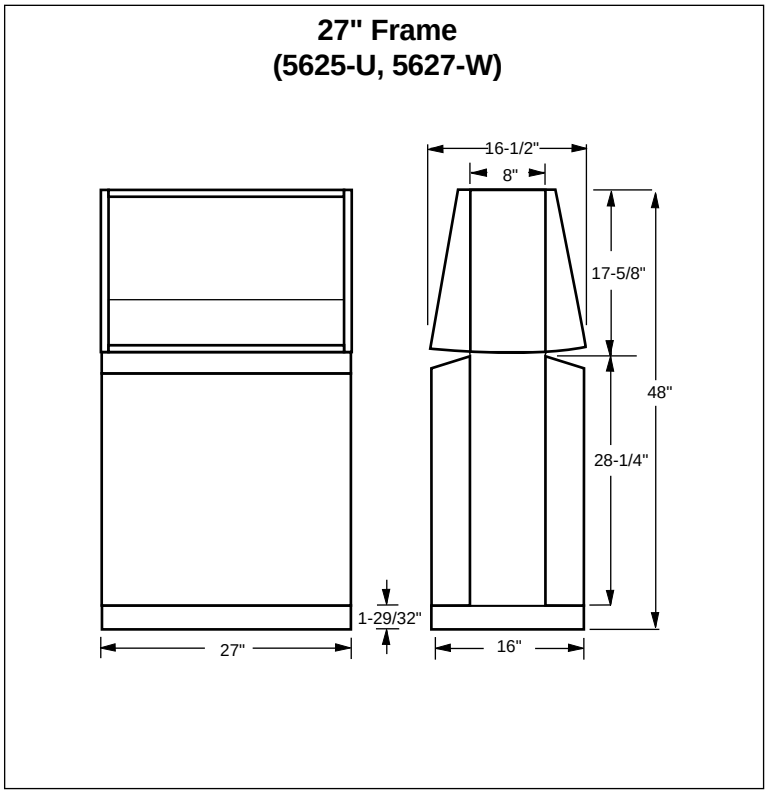
Ultra-Hi ™ High Gallonage

Master Dispenser Weight .....350 pounds/158 kilograms
Satellite Dispenser Weight.....150 pounds/68 kilograms

Model Number Breakdown



Commercial 625 Ultra-Hi™



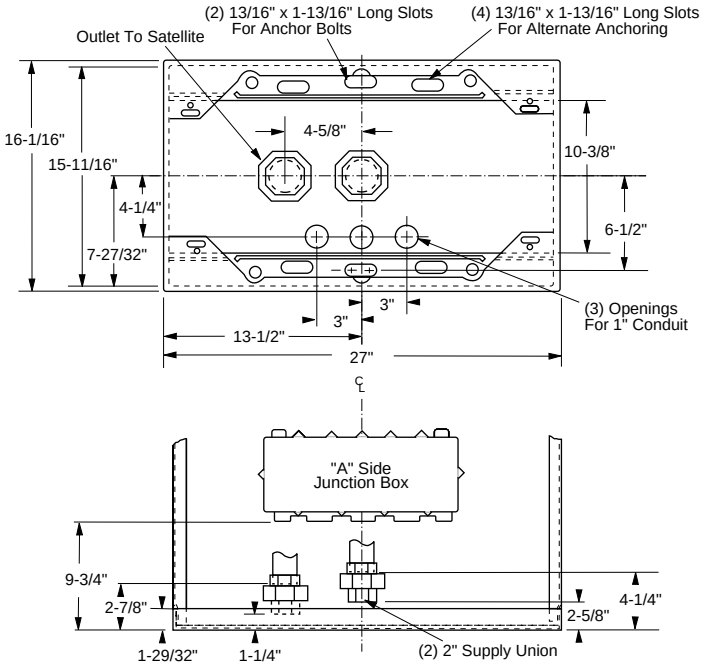
Screening Specifications

Lower Doors
- Overall: 33.94" H x 25.0" W
  - (Total Blank Area)
- Front Surface: 25.41" H x 19.49" W

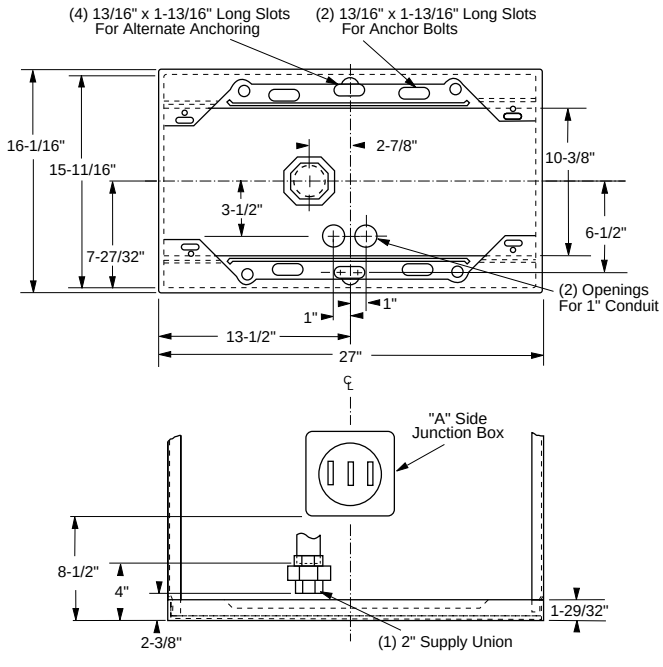
Metal Brand Panels
- Overall: 5.88" H x 25.125" W
  - (Total Blank Area)
- Screening Area: 5.56" H x 24.88" W

Commercial Ultra-Hi™ 625 Series

Ultra-Hi High Gallonage Master Dispenser (5625-U)



Ultra-Hi High Gal. Satellite Dispenser (5627-W)



Warning!

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.

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.