

The Advantage® MPD® Single-Hose Dispenser

For Bennett and Southwest Foundations

Model Number	Description
B85	The Advantage MPD Three-grade, single-hose (two-sided)
B84	The Advantage MPD Three-grade, single-hose (single-sided)

Load Table

See attached wiring diagrams:

Domestic

FE-270 The Advantage Series dispensers 110/115/120 VAC

Operating Environment

Relative Humidity 20% to 95% non-condensing
 Minimum Outside Ambient Temperature -22°F (-30°C)
 Maximum Outside Ambient Temperature 131°F (55°C)

Performance Requirements

Delivery Rate* 12 gpm @ 26 psi inlet pressure
 (45 lpm @ kg/cm² inlet pressure)
 Meter Accuracy ± .25% from 1.5 to 15 gpm (5.7 to 57 lpm)

**Actual flow rates will depend on your specific installation and accessories used.*

Vapor Recovery Units

United States EPA Flow Rate Limitation

* The Environmental Protection Agency (EPA) has established regulations limiting flow rates for gasoline dispensers to a maximum of 10 gpm effective July 1, 1996. Per EPA, the burden of compliance with this regulation is the service station owner’s responsibility. Since typical dispenser flow rates will vary with site installation and hanging hardware, Gilbarco is shipping flow limiters with each dispenser sold in the United States for field installation if needed. These flow limiters will reduce flow rates by 2 gpm to 3 gpm and allow compliance with this regulation when installed in a typical site with conventional STPs.

Weights

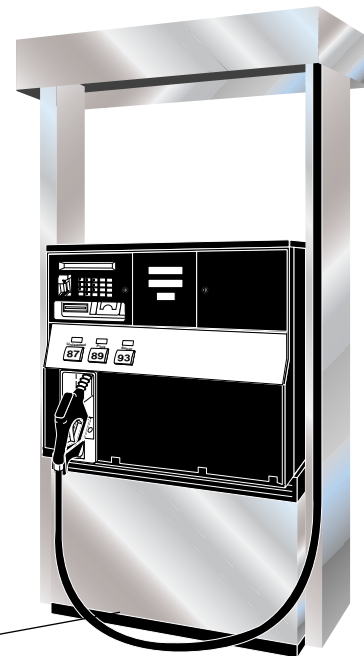
MPD Single-Hose Three-Grade Dispenser 910 pounds/410 kilograms

Model Number Breakdown

	B	X	X
Product _____			
B- The Advantage® Series			
Family Member _____			
0 - MPD® Dispenser			
1 - MPD Pump			
2 - Dual Dispenser			
3 - Dual Pump			
4 - Quad Dispenser			
5 - Quad Pump			
6 - Blender Six-Hose Dispenser			
7 - Blender Dispenser			
8 - Single Hose MPD Dispenser			
A - Blender Pump			
Configuration _____			
0 - 1-grade, 1-side			
1 - 1-grade, 2-side			
2 - 2-grade, 1-side			
3 - 2-grade, 2-side			
4 - 3-grade, 1-side			
5 - 3-grade, 2-side			
6 - 4-grade, 1-side			
7 - 4-grade, 2-side			
8 - 3 + 0 blender, 36" Frame, 2-side			
9 - 3 + 0 blender, 48" Frame, 2-side			
A - 5 + 0 blender, 36" Frame, 2-side			
C - 3 + 1 blender, 48" Frame, 2-side			
D - 5 + 1 blender, 48" Frame, 2-side			
F - 3 + 0 blender, 48" Frame, 2-side			
J - 5 + 1 blender, 48" Frame, 1-side			
M - 4 + 1 blender, 48" Frame, 2-side			

Options

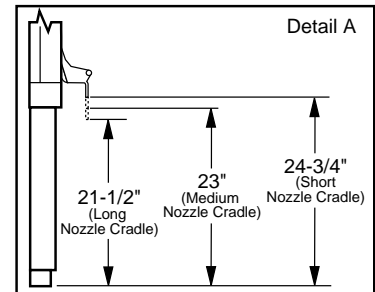
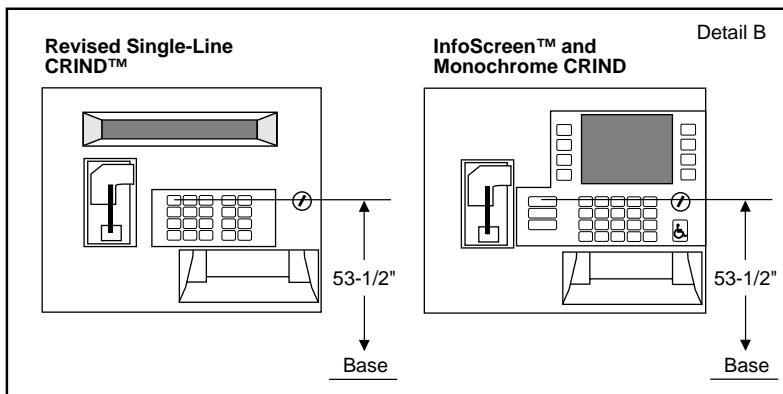
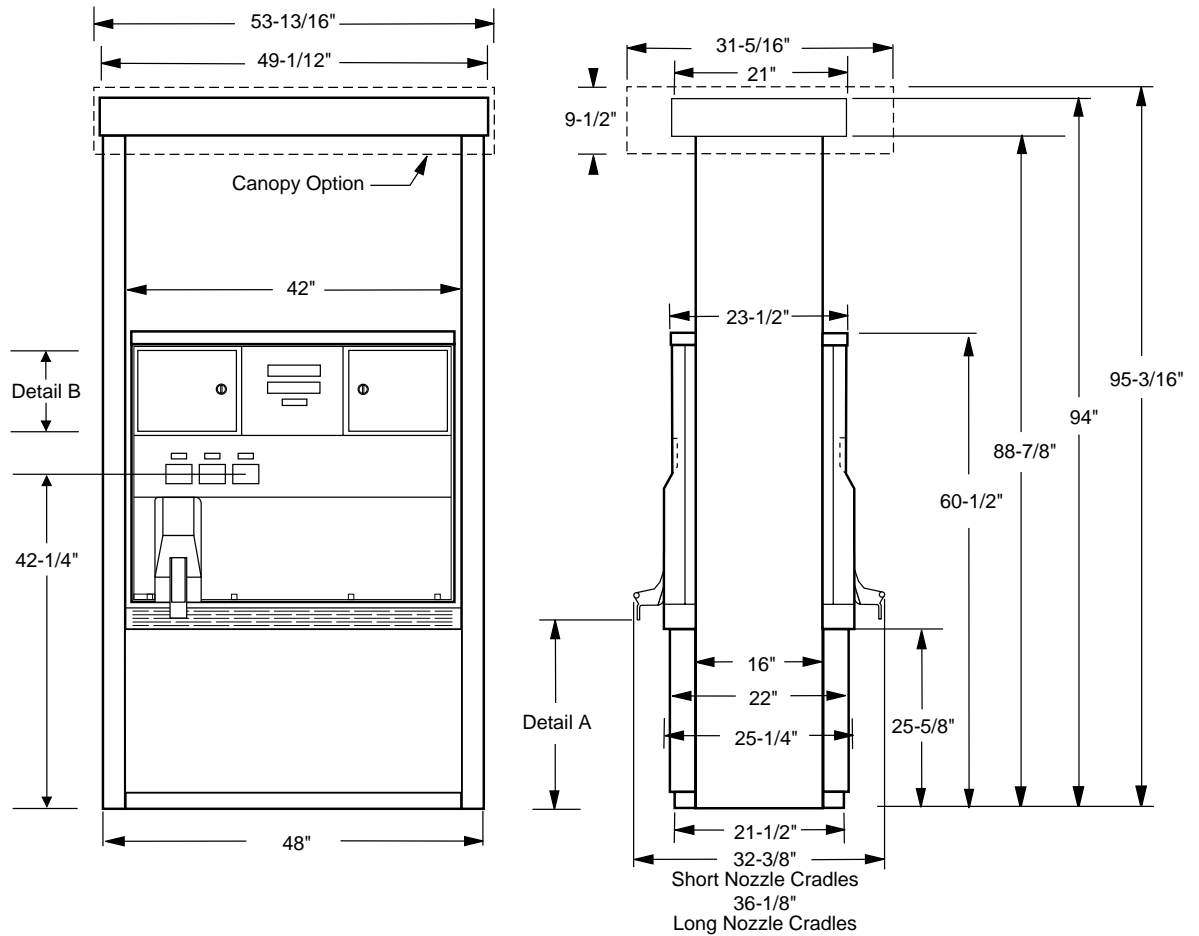
- Push-To-Start Nozzle
 - Lever Activated Nozzle
 - CRIND™ Card Reader †
 - Customer Programmable Preset †
 - Cash/Credit Pricing
 - Full Vapor (Balance System)
 - VaporVac™ Vacuum Assist
 - Mechanical Totalizers
 - Gallon Totalizers
 - Metric Totalizers
 - Imperial Totalizers
 - Unlit Brand Panel
 - Lighted Brand Panel
 - Backlit Brand Panel
 - Light Conduit (Canopy)
 - Speaker
 - Cash Acceptor †
 - Hose Retriever
- † Cannot have both CRIND Card Reader and/or Cash Acceptor and Customer Programmable Preset.



Model number plate

Options <input type="checkbox"/> Full Vapor <input type="checkbox"/> Cash Acceptor <input type="checkbox"/> Balance Vapor <input type="checkbox"/> Retriever <input type="checkbox"/> Balance Ready <input type="checkbox"/> U.S. Gal Tot <input type="checkbox"/> Lever Activate <input type="checkbox"/> Metric Tot <input type="checkbox"/> Button Activate <input type="checkbox"/> Imp Gal Tot <input type="checkbox"/> CRIND <input type="checkbox"/> Overhead Spkr <input type="checkbox"/> Cash/Credit <input type="checkbox"/> Crngt Lgt Crd <input type="checkbox"/> Pump Preset <input type="checkbox"/>	<div style="display: flex; justify-content: space-between;"> <div> Model No B05 </div> </div> <div style="display: flex; justify-content: space-between; font-size: small;"> <div>MFG. BY GILBARCO, INC. GREENSBORO, N.C. </div> <div>Serial No DX PA001020</div> </div> <div style="display: flex; justify-content: space-between; font-size: x-small;"> <div>For use with equipment specified in installation instructions.</div> <div>N.Y.F.D. C of A. #4805</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: x-small;"> Underwriters Laboratories Inc. Power Operated Dispensing Device For Flammable Liquids </div> <div style="border: 1px solid black; padding: 2px; font-size: x-small;"> No LISTED </div> </div>
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Elevation Diagrams



Note:
Gilbarco VaporVac®
and some Balance Vapor Recovery units
use short nozzle cradles.

Screening Specifications

Lower Doors

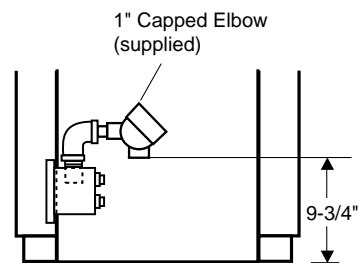
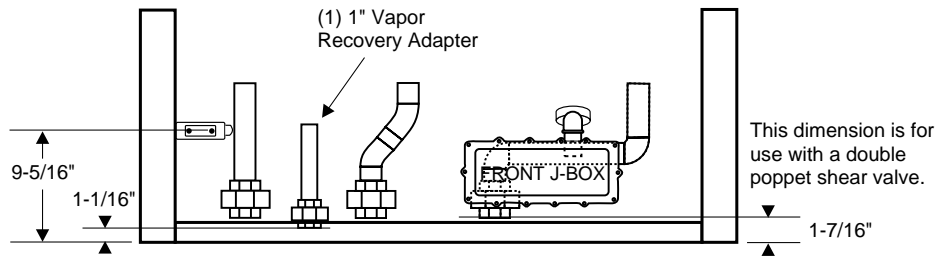
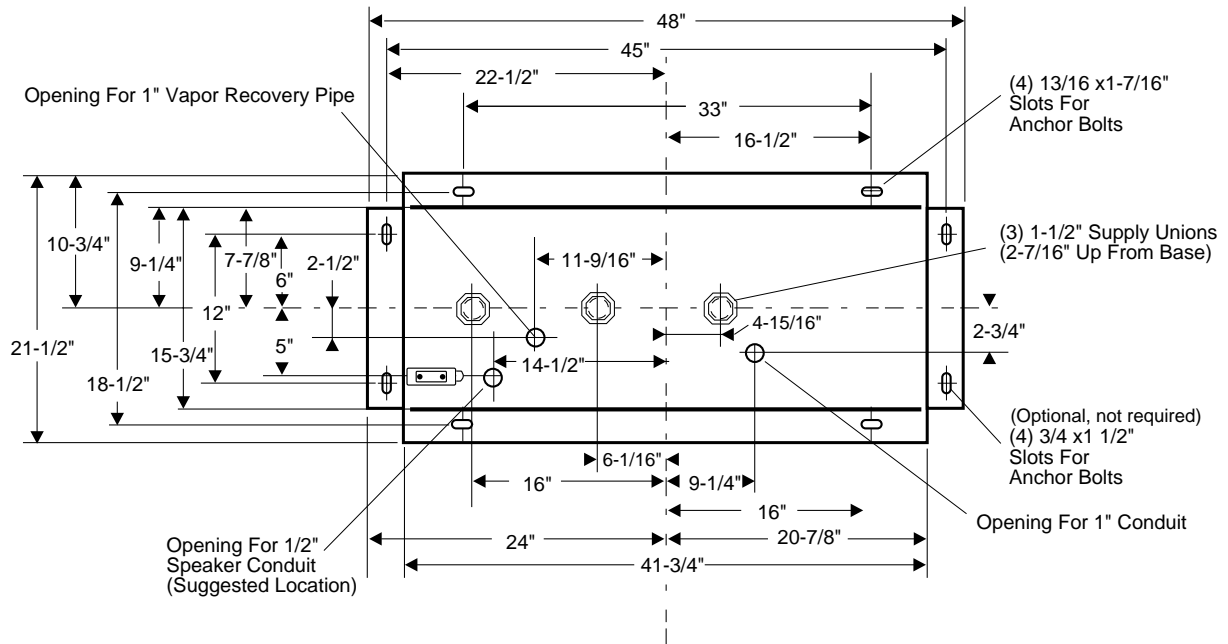
Overall: 22.94" H x 49.74" W
Front Surface: 19.94" H x 42.25" W

Canopy Option

Front Surface: 9.5" H x 53.81" W
Side Surface: 9.5" H x 31.31" W

Foundation Diagrams

(For Bennett Foundations)



(For Southwest Foundations)

