

The Advantage® and Optimum™ Dual and Quad Pumps and The Advantage Super-Hi™ Dual Pumps

Related Manuals

MDE-2833	Pump and Dispenser Site Preparation
MDE-3116	Distribution Box Installation Manual
MDE-2755	STP Installation Manual

Available Models and Weights

Model Number	Description	Weight
B30	The Advantage Dual	1-grade, 1-hose (single-sided)
B31		1-grade, 1-hose (two-sided)
BE0	The Advantage Super-Hi Dual	1-grade, 1-hose (single-sided)
BE1		1-grade, 1-hose (two-sided)
B52	The Advantage Quad	2-grade, 2-hose (single-sided)
B53		2-grade, 2-hose (two-sided)
B10	Optimum Dual	1-grade, 1-hose (single-sided)
B11		1-grade, 1-hose (two-sided)
BK2	Optimum Quad	2-grade, 2-hose (single-sided)
BK3		2-grade, 2-hose (two-sided)
BM2	Optimum Quad Single Hose	2-grade, 2-hose (single-sided)
BM3		2-grade, 2-hose (two-sided)

Load Table

Field Wiring Diagram (Attached)	Voltage Rating
FE-286	110/115/120 VAC, Single Phase
FE-284	230/380 VAC, 3-Phase, 50 Hz.

Operating Environment

Environment	Range
Relative humidity	20% to 95% Non-condensing
Minimum outside ambient temperature	-22°F (-30°C)
Maximum outside ambient temperature	131°F (55°C)

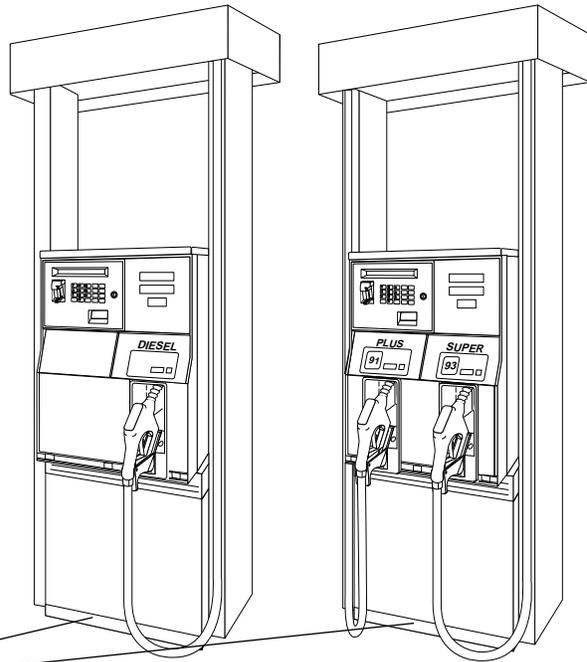
Model Number Breakdown

<p>Product _____ B X X</p> <p>B- The Advantage® Series</p> <p>Family Member _____</p> <p>3 - Dual Pump 5 - Quad Pump E- Super-Hi™ Dual Pump I - Optimum Dual Pump K - Optimum Quad Pump M - Optimum Quad Single-Hose Pump</p> <p>Configuration _____</p> <p>0 - 1-grade, 1-side 1 - 1-grade, 2-side 2 - 2-grade, 1-side 3 - 2-grade, 2-side</p>	<p>Options</p> <p>Brand Panel, Backlit ³ Brand Panel, Lighted ³ Brand Panel, Unlit Button, Call ³ Button, Stop ³ Cash Acceptor ^{1,3} CRIND™ Card Reader ^{1,3} Hose Retriever Light Conduit (Canopy) Nozzle, Push-To-Start Nozzle, Lever Activated Preset, Customer Programmable ^{1,3} Pricing, Cash/Credit ³ Speaker Totalizers, Mechanical Gallon Totalizers, Mechanical Imperial Totalizers, Mechanical Metric Vapor, Full (Balance System) ² VaporVac® Vacuum Assist ²</p>
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1 Cannot have both CRIND Card Reader and/or cash acceptor and Customer Programmable Preset.

2 Not available on Super-Hi models.

3 Not available on Optimum models.



Model number plate

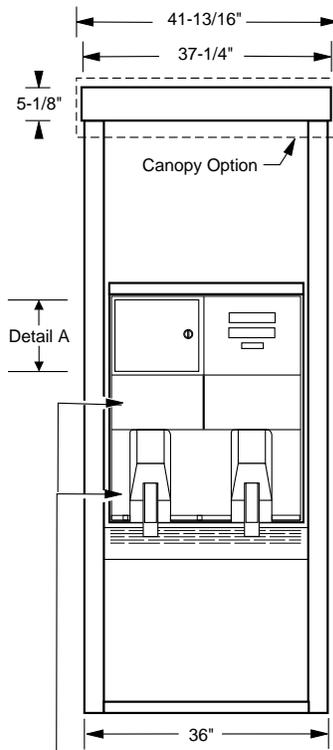
<p>Options</p> <p><input type="checkbox"/> Full Vapor <input type="checkbox"/> Cash Acceptor <input type="checkbox"/> Balance Vapor <input type="checkbox"/> Retriever <input type="checkbox"/> Balance Ready <input type="checkbox"/> U.S. Gal Tots <input type="checkbox"/> Lever Activate <input type="checkbox"/> Metric Tots <input type="checkbox"/> Button Activate <input type="checkbox"/> Imp Gal Tots <input type="checkbox"/> CRIND <input type="checkbox"/> Overhead Spkr <input type="checkbox"/> Cash/Credit <input type="checkbox"/> Crngt Lgt Crnd <input type="checkbox"/> Pump Preset</p>		<p>Gilbarco Model No. B05</p> <p>MFG. BY GILBARCO, INC. GREENSBORO, N.C. Serial No. DX PA001020</p> <p>For use with equipment specified in installation instructions. N.Y.F.D. C of A. #4805</p> <p>UL Underwriters Laboratories Inc. Power Operated Dispensing Device For Flammable Liquids No. _____ LISTED</p>	
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Dual

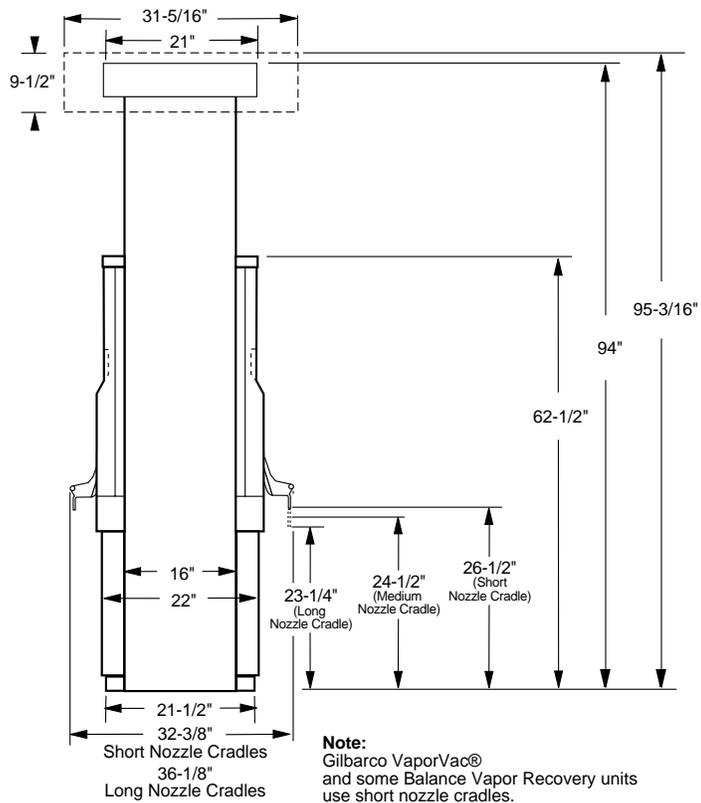
Quad

Elevation Diagram • Models B30, B31, BE0, BE1, B52, and B53

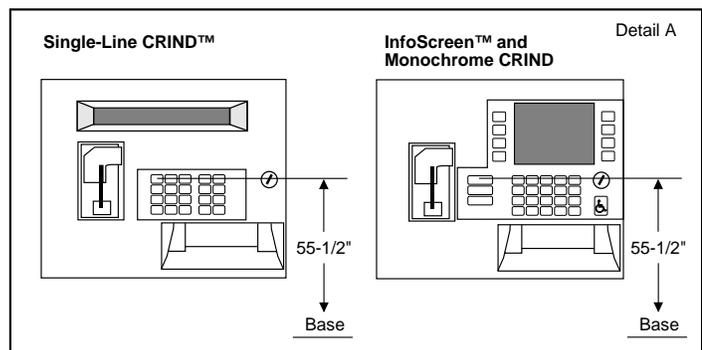
(The Advantage® Dual, Quad and Super-Hi™ Dual Pumps)



The Advantage® Dual and Super-Hi™ flow units are less left Put-down and PPU module



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



Screening Specifications

Lower Doors

Overall: 22.94" H x 37.74" W
Front Surface: 19.94" H x 30.24" W

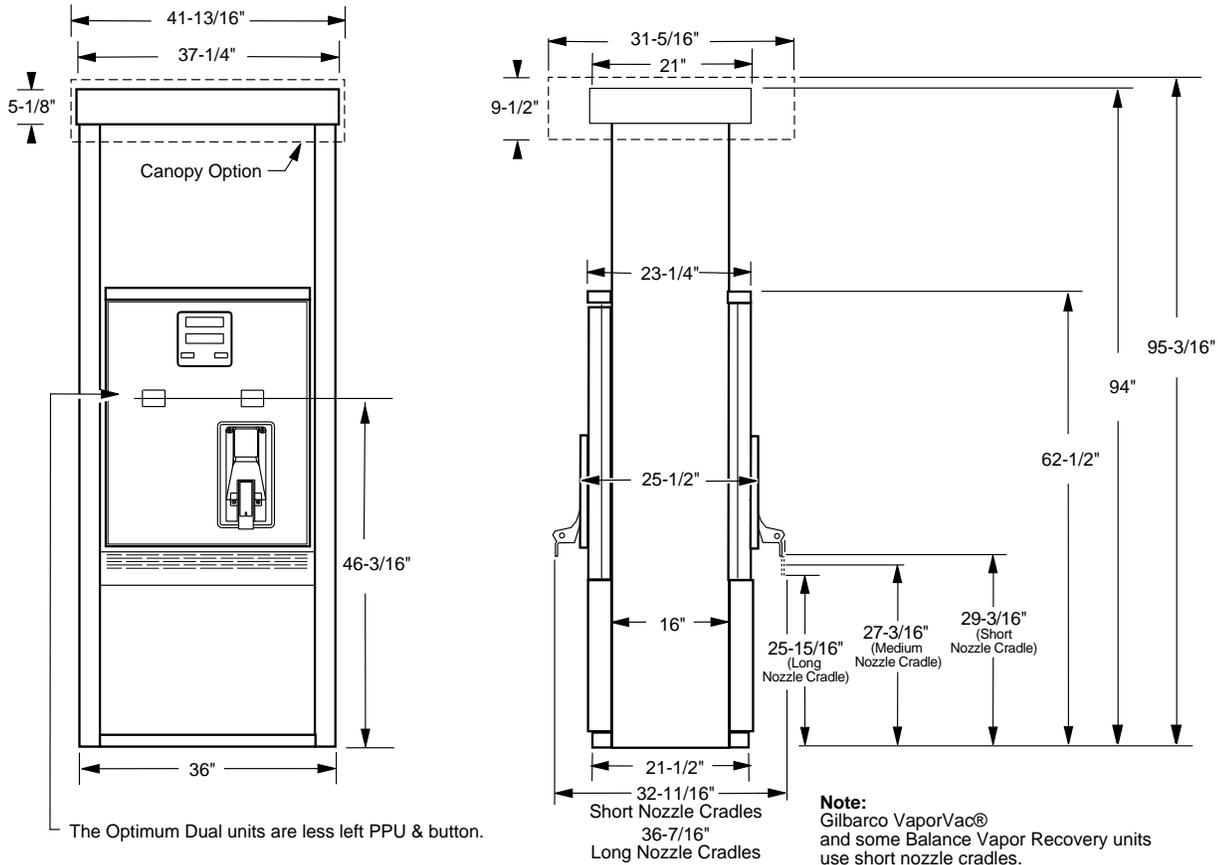
Canopy Option

Front Surface: 9.5" H x 41.81" W
Side Surface: 9.5" H x 31.31" W

Note: Measurements are in inches unless otherwise specified.

Elevation Diagram • Models BI0, BI1, BK2, BK3, BM2 and BM3

(Optimum™ Dual and Quad Pumps)



Screening Specifications

Lower Doors

Overall: 22.94" H x 37.74" W
Front Surface: 19.94" H x 30.24" W

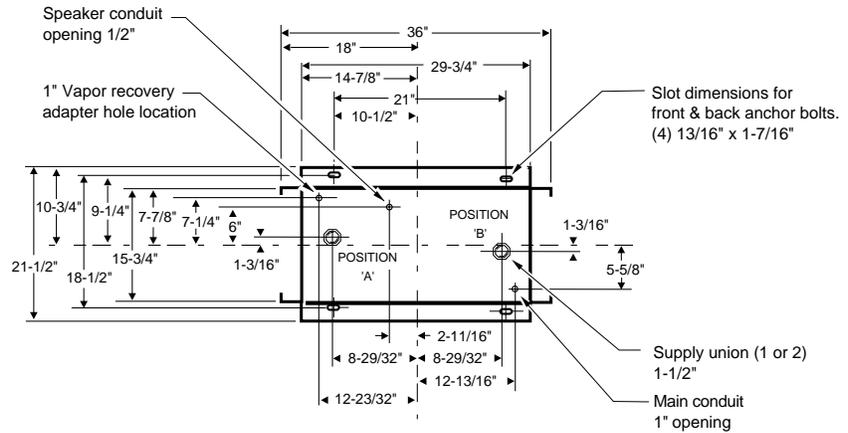
Canopy Option

Front Surface: 9.5" H x 41.81" W
Side Surface: 9.5" H x 31.31" W

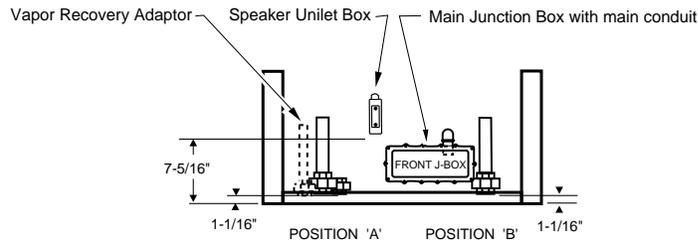
Note: Measurements are in inches unless otherwise specified.

Foundation Diagram • B30, B31, BE0, BE1, B52, B53, BI0, BI1, BK2, BK3, BM2 and BM3 (Dual, Quad and Super-Hi™ Dual Pumps)

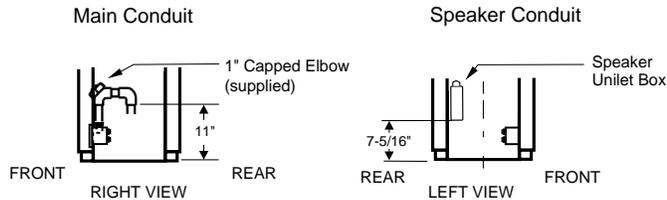
TOP VIEW



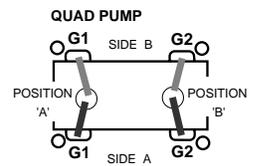
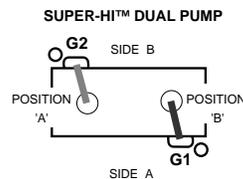
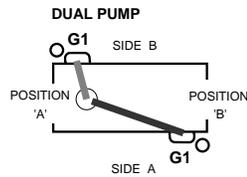
FRONT VIEW



SIDE VIEW OF COLUMN



TOP VIEW OF MODEL CONFIGURATIONS



PRODUCT INLET LOCATIONS

DUAL PUMP

A	INLET FROM TANK A
B	NOT USED
POSITION	FUNCTION

B30 1-GRADE, 1-HOSE, 1-SIDE
(Uses position 'A')
B21 1-GRADE, 1-HOSE, 2-SIDE

SUPER-HI™ DUAL PUMP

A	INLET FROM TANK A
B	INLET FROM TANK A
POSITION	FUNCTION

BE0 1-GRADE, 1-HOSE, 1-SIDE
(Uses position 'B')
BE1 1-GRADE, 1-HOSE, 2-SIDE

QUAD PUMP

A	INLET FROM TANK A
B	INLET FROM TANK B
POSITION	FUNCTION

B52 2-GRADE, 2-HOSE, 1-SIDE
(Uses position 'A' and 'B')
B53 2-GRADE, 2-HOSE, 2-SIDE

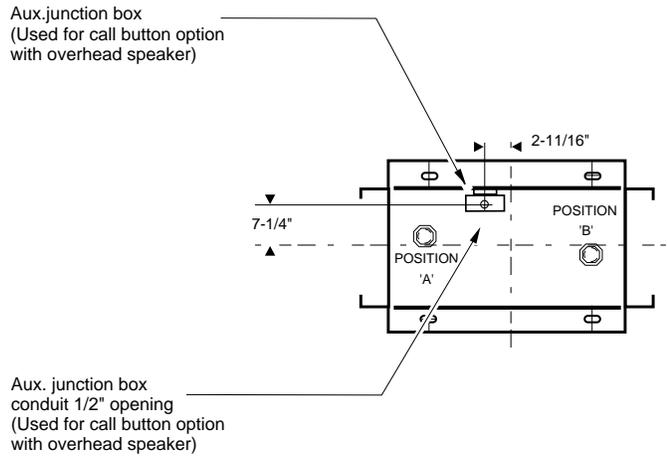
NOTE: NUMBER OF HOSES LISTED ARE PER GRADE, PER SIDE.

Note: Measurements are in inches unless otherwise specified.

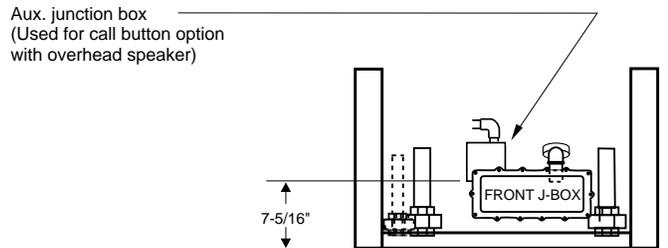
Optional Conduit Locations

(See Standard Conduit Location drawing for all standard conduit locations.)

TOP VIEW

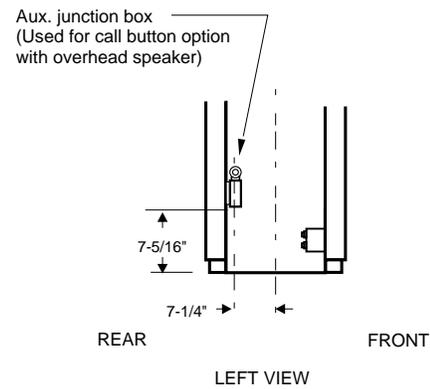


FRONT VIEW



SIDE VIEW OF COLUMN

Call Button Conduit



Note: Call Button option not available on Optimum™ models.