MPD®-1 and MPD-3

Available Models and Weights

Generic Model No.	Description	Weight
RAN1220A	MPD-1 Three-Grade Dispenser (Two-Sided) High Profile	970 lbs./436 kgs.
RAR1220A	MPD-1 Three-Grade Dispenser (Two-Sided) Low Profile	
RAR8220A	MPD-1 Four-Grade Dispenser (Two-Sided) Low Profile	1,005 lbs./452 kgs.
RAF1220A	MPD-1 Fixed Blender (Two-Sided) High Profile	980lbs./441kgs.
RAL1220A	MPD-3 Three-Grade Dispenser (Two-Sided) Low Profile	920 lbs./414 kgs.
RAL8220A	MPD-3 Four-Grade Dispenser (Two-Sided) Low Profile	1,025 lbs./461 kgs.
RAP1220A	MPD-3 Fixed Blender (Two-Sided) Low Profile	930lbs./419kgs.
RAP8220A	MPD-3 Fixed Blender, Eight-Hose (Two-Sided) Low Profile	
Note: The MPD-3 units are not available in high profile style (refer to a MPD-C).		

Use the following table to supplement the generic model number information in the table above. If a digit or letter in the table below appears at the noted position in the model number, it will indicate the following. See page ii for a breakdown of the 13 digit model number.

At This Position In Model No.	This Digit/Letter	Indicates
fourth	2 or 4	single-sided units
sixth	1	vapor recovery models
	3	vapor ready models
eighth	С	CRIND™ models

Related Manuals

MDE-2531	Pump and Dispenser Start-Up/Installation Manual
MDE-3303	Flow Restrictor Installation Manual

Load Table

Field Wiring Diagram (Attached)	Voltage Rating	
FE-65	110/115/120VAC	
FE-141 (Fixed Blender)	110/115/120VAC	
FE-275	220/230/240VAC	

Performance Description

Description	Performance
Meter accuracy	\pm .25% from 1.5 to 15 gpm (5.7 to 57 lpm)
Flow rate*	Subject to EPA regulations, site conditions and hanging hardware

^{*}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 in the United States.

Per EPA, burden of compliance with this regulation is service station owner's. Gilbarco is shipping flow restrictors with each dispenser sold in United States for field installation if needed. Actual flow rates will depend on your specific installation and accessories used.

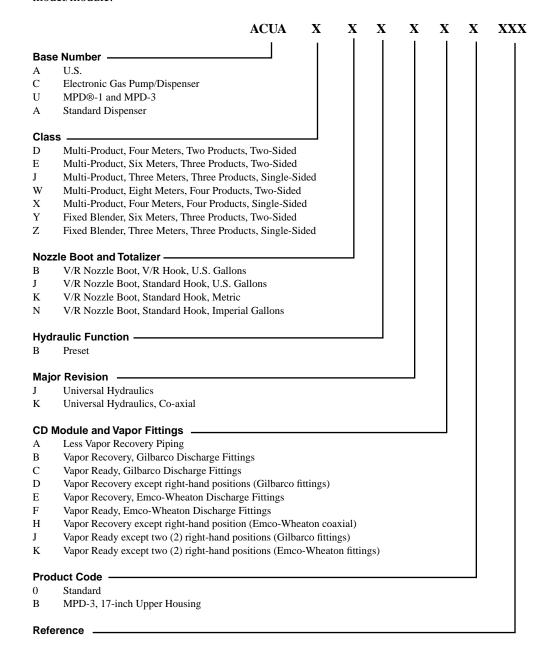
See MDE-2531, Pump and Dispenser Start-Up/Service Manual, "Flow Restrictors" section and MDE-3303, Flow Restrictor Installation Manual, for additional information on flow restrictors.

Operating Environment

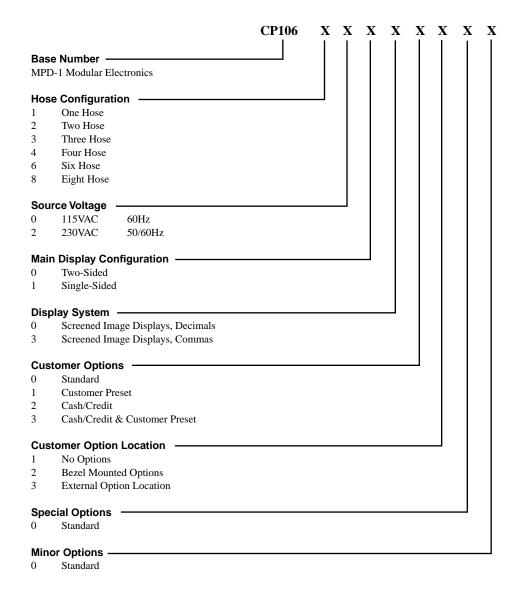
Environment	Range
Relative humidity	20% to 95% Non-condensing
Minimum outside ambient temperature	-22°F (-30°C)
Maximum outside ambient temperature	131°F (55°C)

Model Number Breakdown

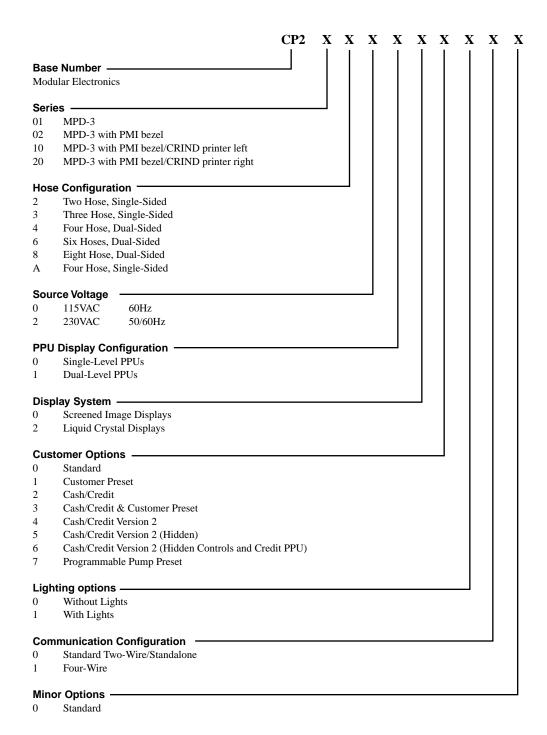
The 13 digit model number is displayed on a plate attached to the corresponding model/module.



MPD®-1 Electronics Module

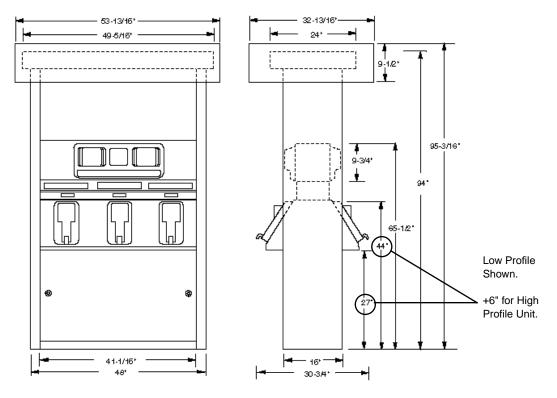


MPD®-3 Electronics Module

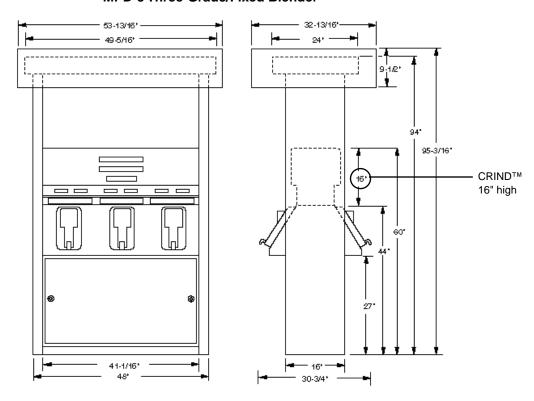


MPD®-1 and MPD-3 Three-Grade/Fixed Blender Elevation

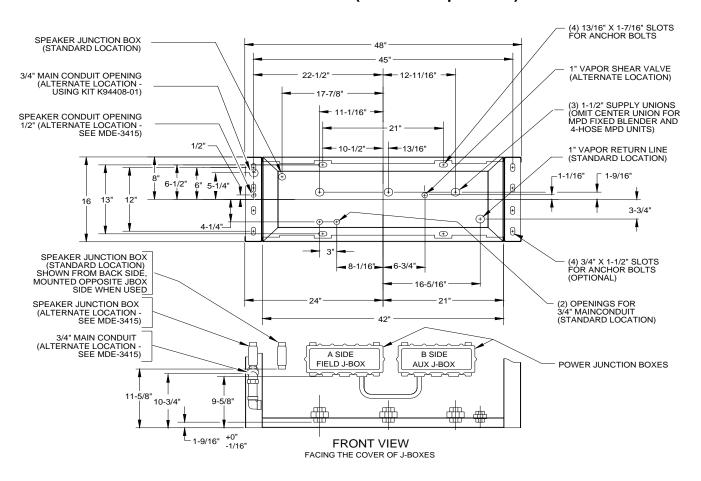
MPD-1 Three-Grade/Fixed Blender

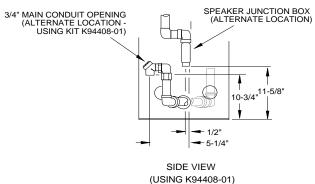


MPD-3 Three-Grade/Fixed Blender



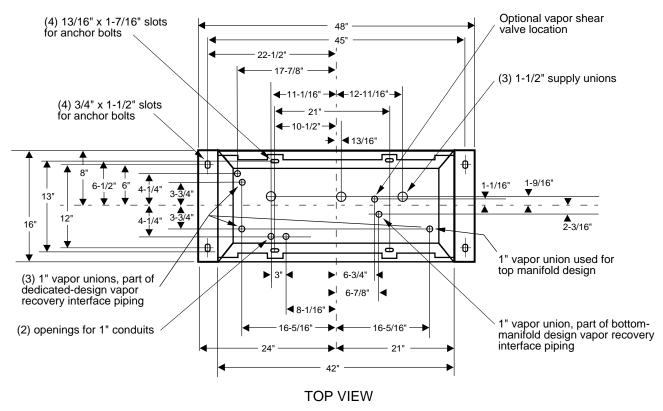
MPD®-1 and MPD-3 Three-Grade Foundation (Manifold vapor lines)

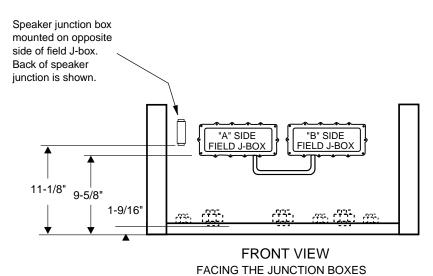




VAPOR RECOVERY WITH MANIFOLD AT TOP

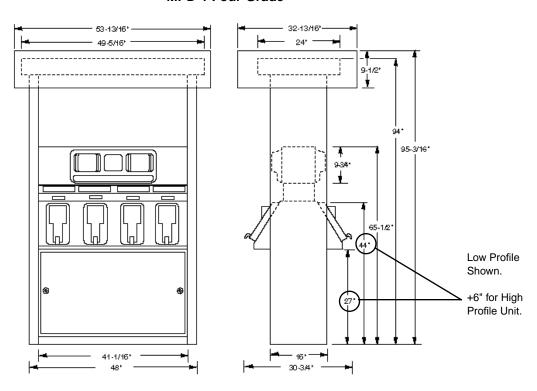
MPD®-1 and MPD-3 Three-Grade Foundation (Dedicated vapor lines)



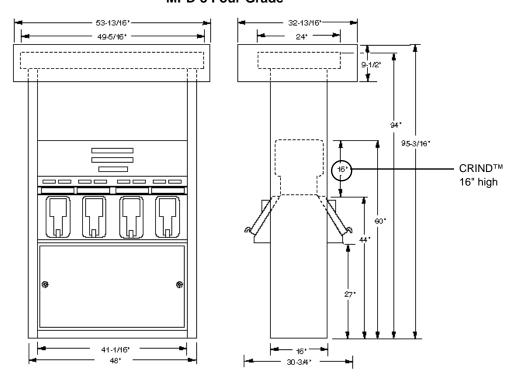


MPD®-1 and MPD-3 Four-Grade Elevation

MPD-1 Four-Grade



MPD-3 Four-Grade



MPD®-1 and MPD-3 Four-Grade Foundation (Including Four-Grade Fixed Blender)

