

# MPD Precision™ Blender Dispensers

## Available Models

Model Number	Description
AE1220A	Three-Grade Dispenser (Two-Sided)

*Note: In the third digit, a “2” or “4” denotes single-sided units.  
In the fifth digit, a “1” denotes vapor recovery models.  
In the fifth digit, a “3” denotes vapor-ready models.  
In the seventh digit, a “C” denotes CRIND models.*

## Weights

Weight	Description
930 lb/419 kg	MPD Precision Blender Dispenser

## Load Table

Field Wiring Diagram (Attached)	Voltage Rating
FE-244	110/115/120VAC (Domestic)
FE-283	220/230/240VAC (Export)

## Performance Description

Description	Performance
Meter accuracy	± 0.25% from 1.5 to 15 gpm (5.7 to 57 lpm)
Blend accuracy	± 1% from 0.5 to 15 gpm (1.9 to 57 lpm)
Flow rate *	10 gpm @ 35 psi inlet pressure (38 lpm @ 102 kg/cm <sup>2</sup> inlet pressure)

\* Units with Balanced Vapor Recovery System.

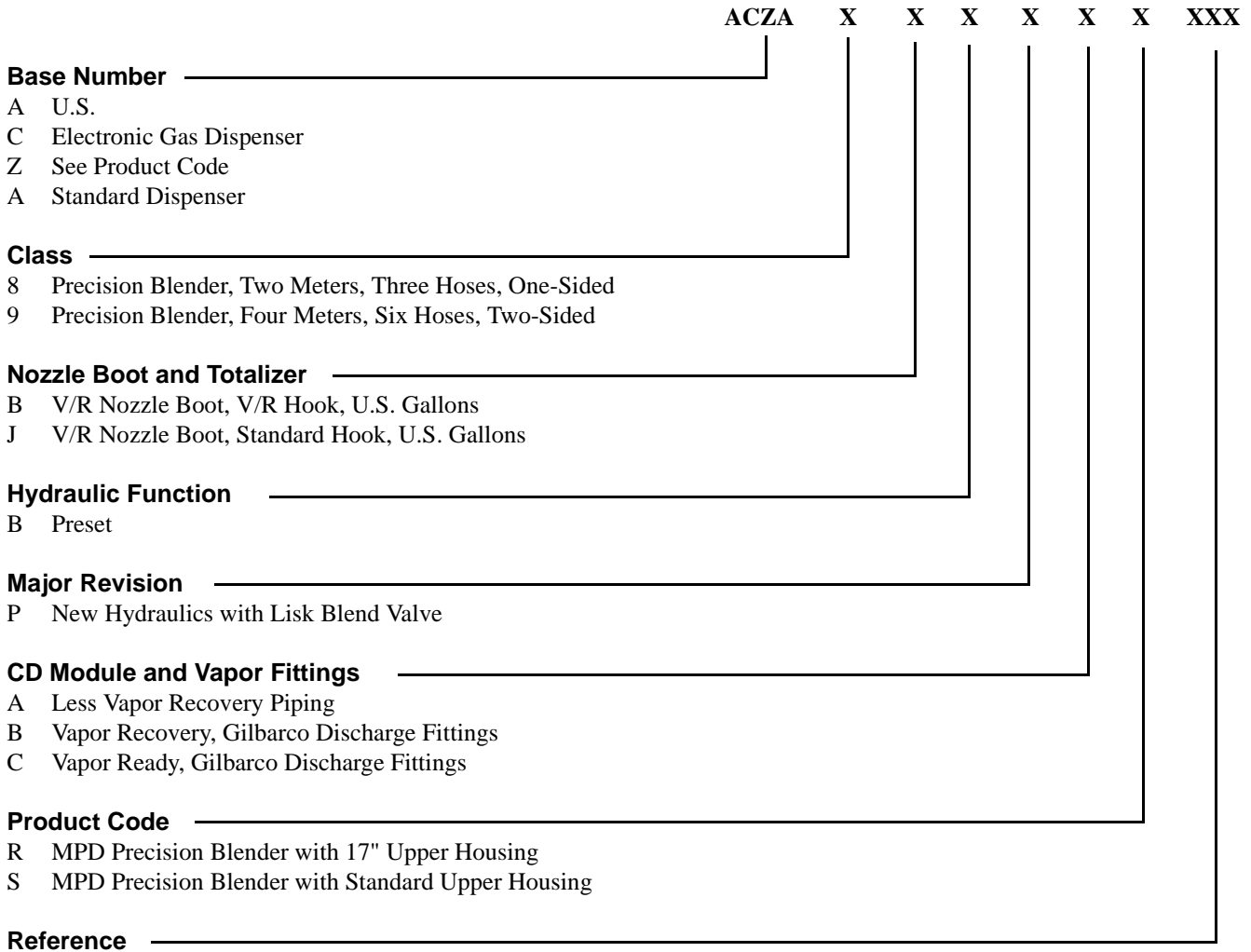
Due to restrictions in hoses and nozzles, the maximum allowable delivery rate is less than 10 gpm.

## Operating Environment

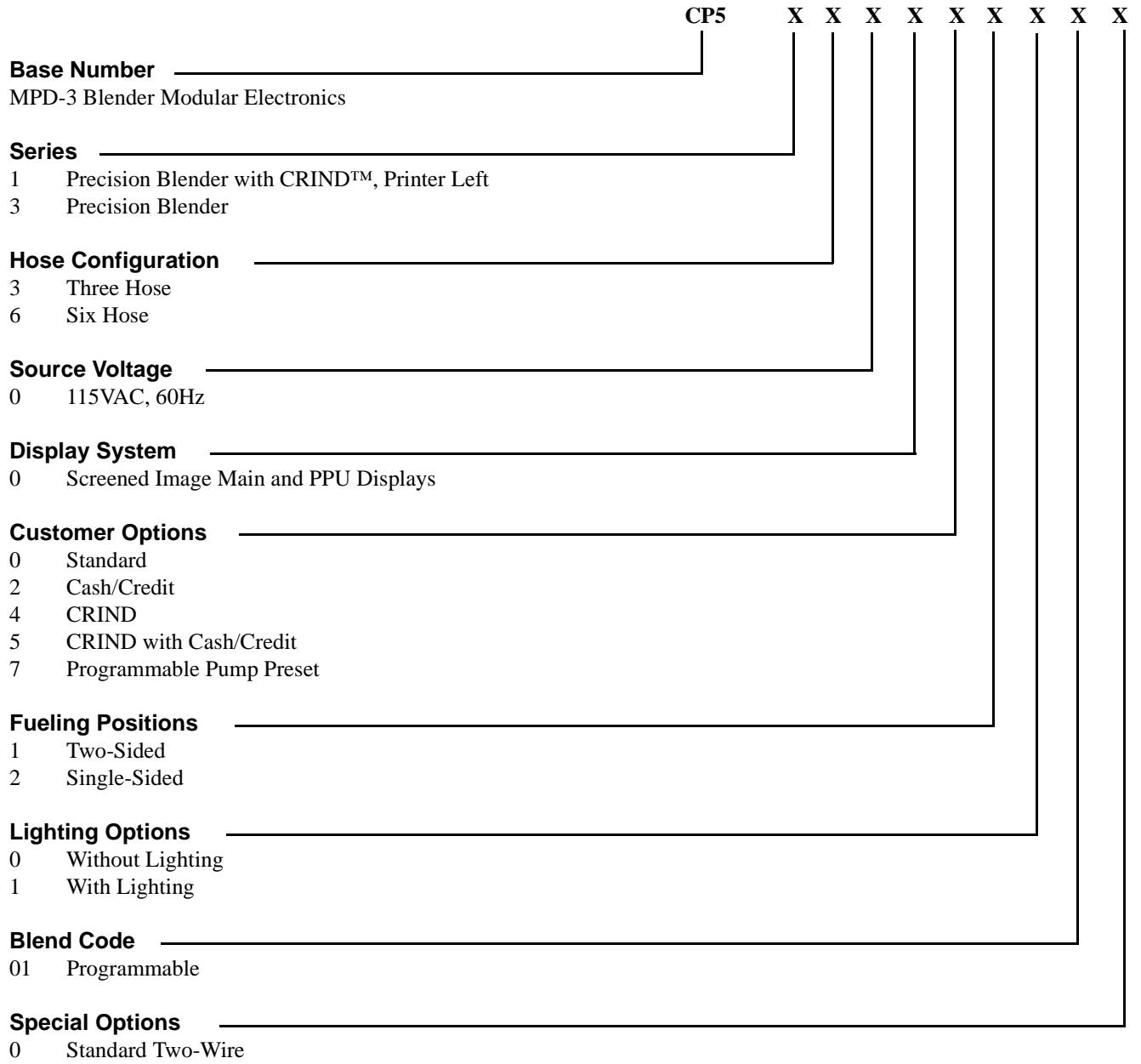
Environment	Range
Relative humidity	20% to 95% Non-condensing
Minimum outside ambient temperature	-22°F (-30°C)
Maximum outside ambient temperature	113°F (45°C)

## Model Number Breakdown • Hydraulics

The model number is attached to a plate on the corresponding module.



**Model Number Breakdown • Electronics**



## MPD Precision Blender

### Screening Specifications

#### Lower Doors

Overall: 26.38" H x 43.67" W

(Total Blank Area)

Front Surface: 23.55" H x 40.84" W

#### Canopy Option (Screening Area)

Front Surface: 9.31" H x 53.62" W

Side Surface: 9.31" H X 31.12" W

#### Metal Brand Panels

Overall; 2.75" H x 41.06" W

(Total Blank Area)

Screening Area: 2.5" H x 37.62" W

(Maximum Viewing Area)

#### Lighted Brand Panels:

Overall: 2.46" H x 11.7" W

(Total Blank Area)

Screening Area: 1.84" H x 11.25" W

(Maximum Viewing Area)

