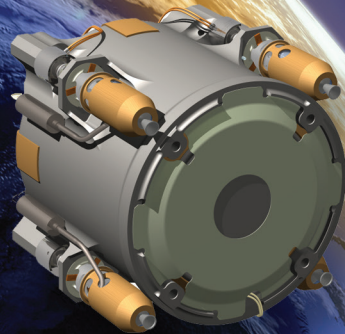


# MPS-121

## Modular Propulsion Systems



**AEROJET**  
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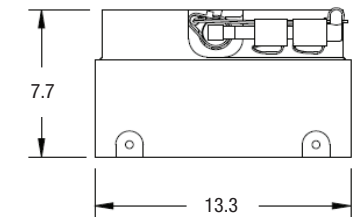
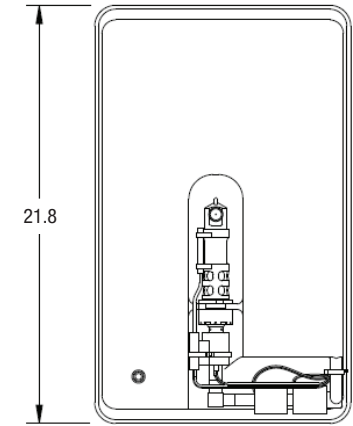
### CubeSat Modular Propulsion Systems

- Highly reliable, high delta-V propulsion for CubeSats and SmallSats
- Provides orbit maintenance, station keeping, and reaction control
- High density low vapor toxicity propellant and traditional hydrazine options available

#### System Specifications

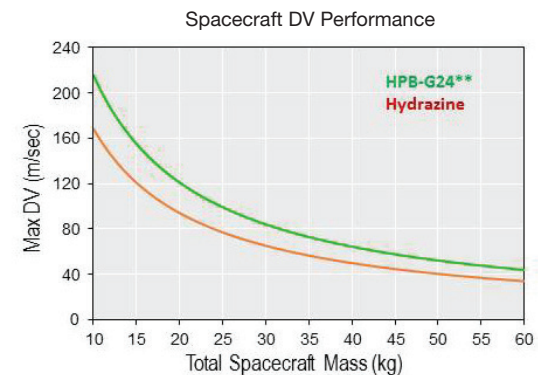
HPB-G24** Based System	MPS-131-2U
System Impulse* (N·s)	3,300
System Dry Mass (kg)	1.9
System Wet Mass (kg)	3.7
Input Voltage (Vdc)	9-13
Thrust Blow-Down Range (N)	1.0-0.1

Hydrazine Based System	MPS-121-2U
System Impulse* (N·s)	2,600
System Dry Mass (kg)	1.9
System Wet Mass (kg)	3.3
Input Voltage (Vdc)	9-13
Thrust Blow-Down Range (N)	1.0-0.1



\*System impulse based on steady state firing operation.  
Actual total impulse will vary based on operational duty cycles.

#### Performance Data



\*\*Propellant blend in development