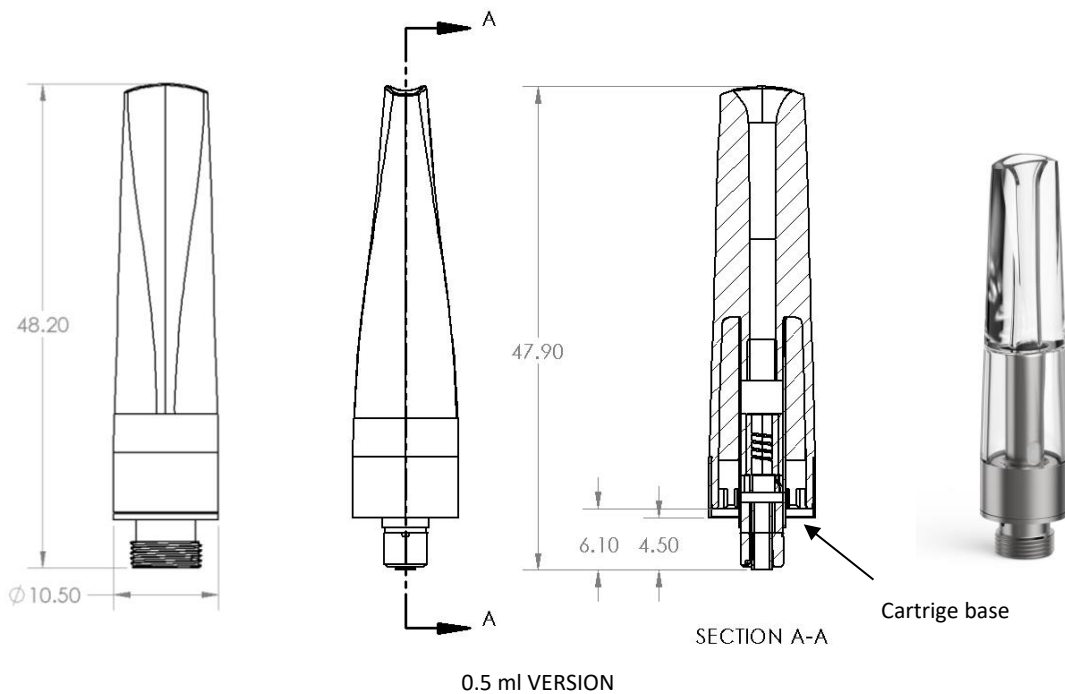
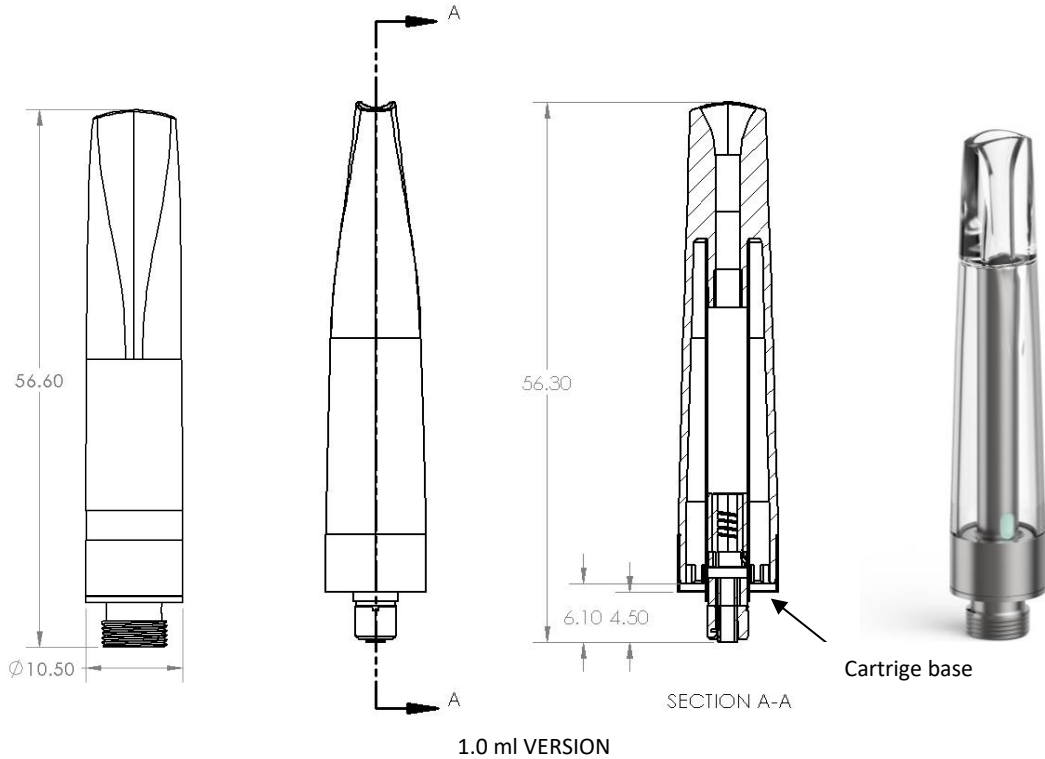

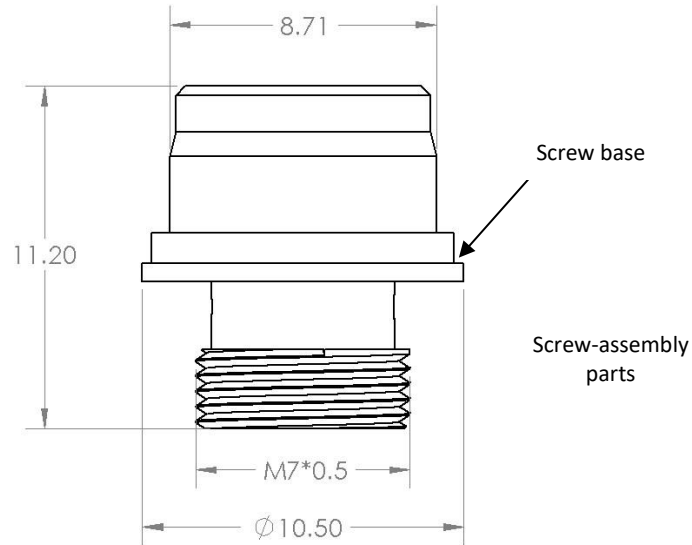
	DOCUMENT NO:	CDS-L612nn-206XXX-YYY-ZZZ	VER:	1.2
	Liquid 6 Cartridge, Solo			EFFECTIVE DATE:
APPROVAL:	ECO-234	Jupiter PN(s):	See P/N Legend	PAGE 1 OF 5



jupiter 	DOCUMENT NO:	CDS-L612nn-206XXX-YYY-ZZZ	VER:	1.2
	Liquid 6 Cartridge, Solo			EFFECTIVE DATE:
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*Dimensions are in mm

Description: Bottom fill press-fit vaporizer cartridge

Features:

- CCELL Technology atomizer – heating element embedded in porous ceramic
- Tamper proof, press-fit base
- 510 connection – M7 threaded connection
- Operational viscosity range up to 700,000 cPs @ 25°C [77°F]

Specifications		
Version (size)	0.5 ml	1.0 ml
Gross volume	0.52 ml	1.03 ml
Max. fill volume	0.50 ml	1.00 ml
Weight: Empty cartridge w/MP	5.47 ± 0.5 g	5.79 ± 0.5 g
Atomizer Resistance	1.40 ± 0.15 Ω (9W) (Various options available by request: See part number legend)	
Fluid Inlet Hole size	3.0mm x 1.8mm (Various options available by request: See part number legend)	


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Recommended Viscosity Range	1,000 - 700,000 cPs @ 25°C [77°F]	
Wetted Materials	Housing	Engineering Thermoplastic (ETP)
	Mouthpiece	Engineering Thermoplastic (ETP)
	Atomizer shell and airway	Stainless Steel
	510 thread Base	SnCo
	Heating element	Nichrome
	Wick	Ceramic
	Atomizer retaining wrap	Cellulose
	Seals	None
Branding Options	Available with MOQ	
Working Temperature & Humidity	Temperature Range: -10°C to 60°C [14°F to 60°F] Humidity Range: 35% - 70%	
Storage Temperature & Humidity	Temperature Range: 18°C – 28°C [64.4°F – 82.4°F] Humidity Range: 35% - 70%	

A. Part Number Legend (non-exhaustive list)

Part Number Legend – L612nn-206XXX*-YYY-ZZZ		
<ul style="list-style-type: none"> • nn -> Cartridge Volume <ul style="list-style-type: none"> ○ 05 for 0.5ml ○ 10 for 1.0ml • XXXX -> Custom Branding 	<ul style="list-style-type: none"> • YYY -> Cartridge Power <ul style="list-style-type: none"> ○ 000 for 9W ○ 017 for 7W ○ 019 for 6W ○ 120 for 1.2ohm ○ 110 for 1.1ohm ○ 090 for 0.90ohm 	<ul style="list-style-type: none"> • ZZZ -> Fluid inlet dimensions <ul style="list-style-type: none"> ○ 004-Custom size oval inlet

*XX digits denote product branding

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Top Fill Press-fit Cartridge Filling Instructions

1. Fill a syringe with a short, blunt tipped needle (14 ga. or smaller) with oil. Insert the needle into the space between the airway and the outer wall of the cartridge (see Figure 1). Fill the cartridge using the needle by placing it in the correct location. Fill the oil up to the bottom of the metal collar (see Figure 2).

Note: The syringe and needle may need to be warmed to improve fluid flow. Do not allow fluid to enter the airway (center tube).

2. Immediately after filling, install the M7 base with the threads pointing upward away from the fluid. Press fit the M7 thread base piece into the housing.

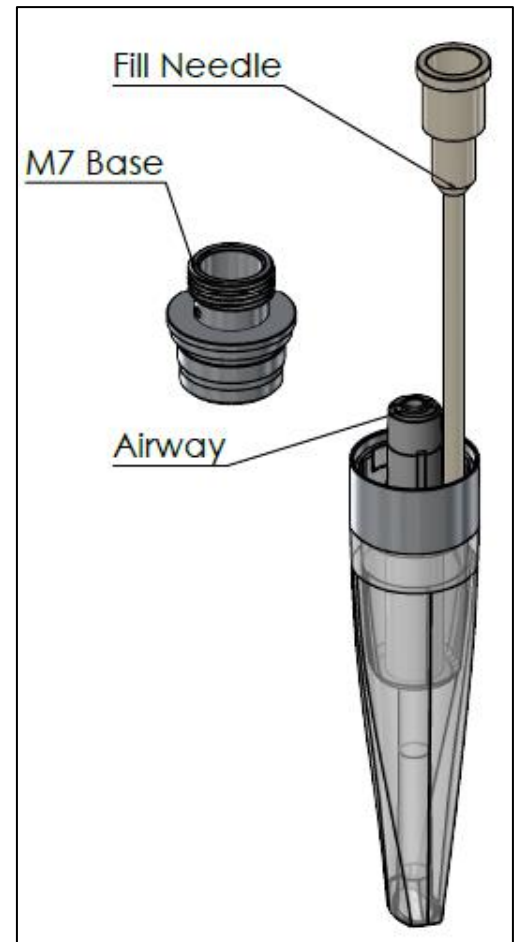
Note: The L6 Solo cartridges are designed to close at a force between 210-260lbf per cartridge. The recommended press force is 250lbf per cartridge.


Note: The gap between the cartridge base and the screw base after assembly should be flush (at least $<0.1\text{mm}$), and the airway pin should be less than 0.3mm recessed. It is acceptable for the pin to protrude slightly ($\sim 0.1\text{mm}$) past the screw base.

Caution: Failure to install the M7 threaded base within 5 minutes of filling may result in leakage. Failure to fully seat the M7 threaded base into the cartridge will cause the contact pin to be too far recessed into the M7 thread, which will cause the atomizer to not activate as needed.

Note: Cartridge should be allowed to stand for at least 30 minutes before use. During this time, fluid is priming the atomizer. The rate that the atomizer saturates is dependent upon the viscosity of the fluid and the atomizers fluid inlet diameter. More viscous fluids may require more time.

If the cartridge/device is to experience a pressure change as a result of an increase in temperature or a change in elevation, the cartridge/device must be shipped with the MP facing



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down, allowing for the atomizer inlets to be exposed to ambient air.

For Technical Assistance please contact us at:
cs@jupiterresearch.com

