



Part Number	MD-600	MD-700	MDV-777	MDV-787
Introduced	2004	2009	2016	2019
End of Life	Obsolete	Available	Available	Available
Power	1000W	1000W	1000W	1800W
Standby Power	Energy Efficient	Energy Efficient	Energy Efficient <sup>1</sup>	Energy Efficient <sup>1</sup>
Size	15"L x 2.5" D	14.75"L x 2.75"D	14.5"L x 3.25"D	14.5"L x 3.25"D
Weight	2.8 lbs.	2.8 lbs.	2.6 lbs.	2.6 lbs.
Ergonomic Grip	No	Yes	Yes	Yes
Housing	PVC Plumbing	Military Grade Impact Resistant Plastic	Military Grade Impact Resistant Plastic	Military Grade Impact Resistant Plastic
Enclosed Housing	No	Yes	Yes	Yes
HDT	Extruded	Extruded Aluminum	Extruded Aluminum <sup>2</sup>	Extruded Aluminum <sup>2</sup>
Circuit Boards	SMT Design	SMT Design	SMT Design	SMT Design
Cooling	Yes	Yes	Yes <sup>3</sup>	Yes <sup>3</sup>
LED Illumination	No	Yes	Yes with On/Off Switch	Yes with On/Off Switch
Components Secured	No	Yes	Yes	Yes
Fault Monitor w/ LED	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Coil Fastening	Thumb Screws	Thumb Screws	Twist Lock <sup>5</sup>	Twist Lock <sup>5</sup>
Warranty	1 Year	1 Year	2 Year	2 Year
Price	\$499	\$499	\$599	\$649
Activation	Push Button	Push Button	Trigger	Trigger
Design	Straight Cylinder	Ergonomic Cylinder	Pistol Grip	Pistol Grip
Safety Certified	X	✓	✓	Pending

<sup>1</sup>When fan is operating in standby the power may be up to 1.5W; when fan stops <1/10thW

<sup>2</sup>Extruded Aluminum with copper thermal enhancement

<sup>3</sup>Intelligent cooling improves cycle time

<sup>4</sup>Fault monitor indicates when a condition occurred that might cause damage; the monitor automatically shuts down and prevents damage from various conditions

<sup>5</sup>Locking mechanism for easy insertion and extraction of work coils

