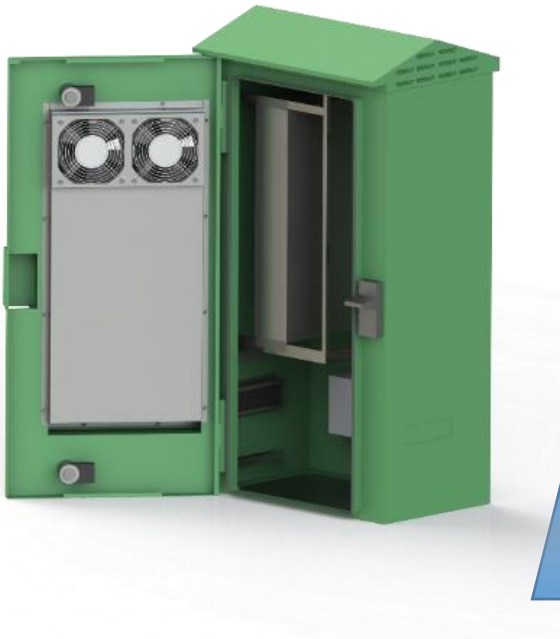


## CoolFlow DMD

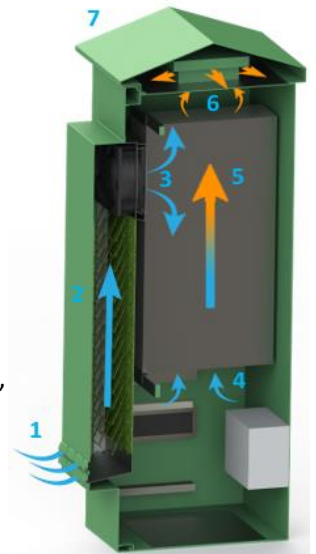
### Features & Benefits

- Designed for installation in streetside cabinets to eliminate overheating
- G4 filtration to protect vital electronics from heavy roadside dust and dirt.
- Lightweight, retro-fit design for ease of install in the field.
- Variable fan speed
- Option available to control and monitor fans and performance remotely.
- User Interface available to monitor and control multiple assets across a network.



### Operation

1. Air enters the cabinet through the louvres on the cabinet bulge.
2. Air passes through the maintenance free CoolFlow filter.
3. Two axial fans force air into the cabinet creating a positive pressure inside.
4. Cooler air rises due to convection currents inside the cabinet.
5. Heat dissipated from electronic equipment is transferred to the air flow.
6. The positive pressure forces hot air at the top of the cabinet through the “mushroom” exhaust into the weather hood.
7. Hot Air is exhausted through the weather louvres.



### CoolFlow DMD - Technical Specification

Ingress Protection	IP5X (Dust Protection)
Filtration Level	G4 when airflow <150m <sup>3</sup> /h G3 when airflow 150-300m <sup>3</sup> /h
Designated Heat Dissipation	500W
Temperature Against Ambient	10°C ΔT
Fan Speed	Dual Fans - Variable



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