SOLIDWORKS SIMULATION FLOW
PRODUCT MATRIX

	SOLIDWORKS FLOW SIMULATION	HVAC MODULE	ELECTRONICS COOLING MODULE
Ease of Use	✔	✔	✔
Design Data Reuse	✔		
Multi-Parameter Optimization	✔	✔	✔
SOLIDWORKS Flow Simulation Capabilities	✔		
Material Database	✔	✔	✔
Internal	✔	✔	✔
External	✔	✔	✔
2D – 3D	✔	✔	✔
Heat Conduction in Solids	✔	✔	✔
Gravity	✔	✔	✔
Rotation	✔		
Free Surface	✔		
Symmetric	✔	✔	✔
Gases	✔		
Liquids	✔		
Steam	✔		
Boundary Layer Description	✔	✔	✔
Mixing Flows	✔		
Non Newtonian Fluids	✔		
Flow Conditions	✔	✔	✔
Thermal Conditions	✔	✔	✔
Wall Conditions	✔	✔	✔
Porous Components	✔	✔	✔
Visualization	✔	✔	✔
Results Customization	✔	✔	✔
Communication & Reporting	✔	✔	✔
Two-Phase (Fluid + Particles) Flows	✔	✔	✔
Noise Prediction (Steady State and Transient)	✔		
HVAC Conditions		✔	
Tracer Study		✔	
Comfort Parameters		✔	
Electronic Conditions			✔