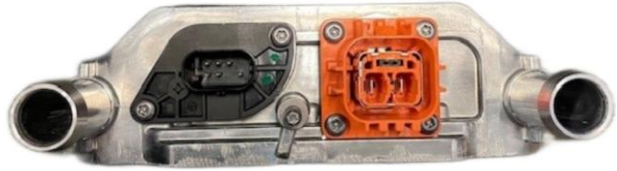




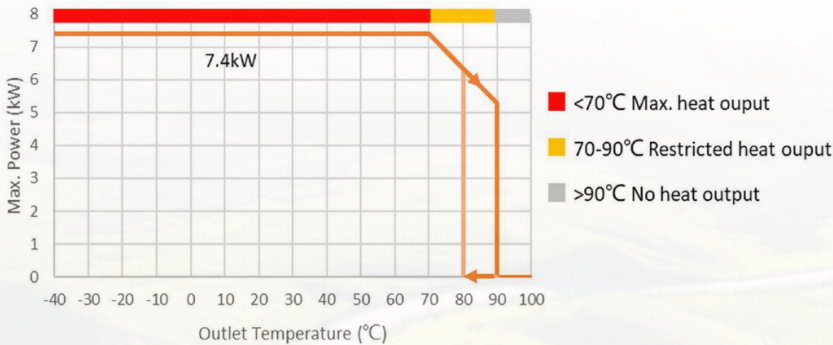
# 7.4kW High Voltage Coolant Heater (HVCH)



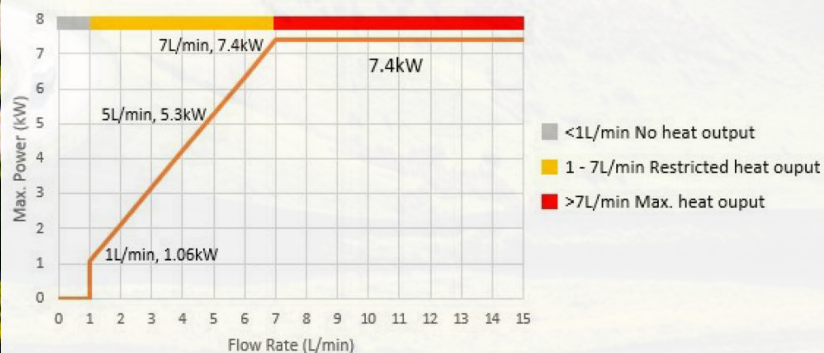
Heating Performance	Max. 7.0 kW
Energy Consumption	Max. 7.4 kW
High Voltage Input Range	250 – 490 VDC   240 – 855 VDC
Low Voltage Input Range	9 – 16 VDC
Weight	2.3 Kg
Communication*	LIN 2.1 / LIN 2.2
IP Protection Class	IP6K9K, IP6K7
Cooling Medium	50% E.G. / 50% Water
Efficiency	>95% at 60°C and 10LPM
Maximum Water Temperature	70°C
Max Operating Pressure	2.5 bar (G)

Offered in 400V and 800V, these High Voltage Coolant Heaters are designed with the latest in Thick Film Element (TFE) technology. The units provide rapid heating to the vehicles battery to ensure optimal temperature throughout the drive cycle. The units can also be used for cabin heating and window defrosting.

Max. power relative to coolant temperature



Max. power relative to flow rate



\*For systems using CAN communication a LIN/CAN Protocol Converter is required. Cascadia Motion does not offer these converters.