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VEHICLE AIRCONDITIONING SYSTEMS IN A MILITARY ENVIRONMENT: DESIGN AND SPEC HANDBOOK FOR

SCOPE

The need to offer Armoured Combat Vehicle (ACV), Infantry Combat Vehicle (ICV) and Armoured Personnel Carrier (APC) crews BC protection, is driving the design of in-cabin climate control. So too is the growing recognition that in many parts of the world, climate control for ACV, ICV and APC crews is not a luxury but a necessity as cabin comfort has a significant effect on fighting ability and, in the extreme, on survival. Climate control can permit crews to operate effectively in extreme climatic conditions and give a tactical advantage over opposing forces whose vehicles are not similarly equipped.

From this document the military vehicle acquisition authorities can ascertain more clearly what is required from the military vehicle industry, thereby limiting the possibility of hardware not meeting the requirements due to unclear specifications.