



ABSTRACT



G00002

5 A working medium is used which is composed of an
R32 refrigerant or a mixed refrigerant containing at least
70 wt% of the R32 and a polyvinyl ether oil whose viscosity
at 40°C is 46 - 82 cst. Thus, a refrigeration system
capable of improving COP while ensuring sufficient
reliability using a working medium containing an R32
refrigerant having a low GWP (Global Warming Parameter) is
10 provided.