

[原文:経産省 HP の Q&A コーナーより]

家電量販店でエアコン購入した。取付工事に際してエアコン専用コンセントがないことが判明したため、専用回路を引く必要があると言われた。専用回路の設置は国の規制か。

I bought an air conditioner at a mass store selling household appliances. At the time of the installation, it was found that my house did not have a dedicated outlet for air conditioners, and the air conditioner installation company told me that it was necessary to install a dedicated circuit. Is the installation of a dedicated circuit required by the national government?

エアコンの専用回路の設置は、法令上の義務はなく、国の規制ではありません。一般的に、エアコン等は始動電流が大きいため、一般回路を使用し他の電気機械器具と併用した場合には、過電流の発生によりブレーカーが落ちやすくなったり、出火につながるおそれがあります。

Installation of dedicated circuits for air conditioners is not a legal obligation. It is not required by the national government. Air conditioners and other similar/equivalent appliances generally have a large starting current, and if an air conditioner is used together with other electric appliances or equipment via a general-purpose circuit, the circuit breaker can trip more frequently as a result of overcurrent or the circuit can burn.

そのため、民間規格である「内線規程」(一般社団法人日本電気協会発行)3605-3 2.及び資料 3-6-5 3.において、定格電流が 10A を超える据置形の大型電気機械器具については、別に専用の分岐回路を設けることとされています。

For this reason, the Japan Electric Association's "Interior Wiring Code," which is a private sector standard, states in its 3605-3 2. and the associated 3-6-5 3. document that, for large stationary electric appliances and equipment whose rated current is higher than 10A, a separate, dedicated branch circuit must be installed.