

AIR CONDITIONING SYSTEM AND METHOD FOR MANAGING SERVER ROOM

Abstract

According one embodiment, an air-conditioning system (20) is connected to a server room (10), in which server racks (12-1 to 12-4) accommodating a plurality of servers are placed between separated first and second spaces (13, 14), by a return air duct (21) and a supply air duct (26). In the server room (10), an airflow is formed so that cold air flown from under the floor into the first space (13) is heated by heat generation of the servers and is flown out from the second space (14) as return air. The system (20) sets control contents for generating supply air within a previously determined supply air temperature target range and a previously determined supply air humidity target range and controls the operation of each device in the system based on the set control contents.

Fig. 1