

ABSTRACT

AIR CURTAIN STRUCTURE CAPABLE OF REDUCING INTERFERENCE WITH MECHANICAL OPERATIONS

An air curtain structure capable of reducing interference with mechanical operations includes an air guide device and an air curtain device. The air curtain structure is installed in an installation space having an eaves structure. The eaves structure has an extension length. The installation space has a safe distance. The air guide device communicates with a coupling groove of the air curtain device through a connection port. The air curtain device has a casing width. The connection port has a connection length and an embedded depth. The casing width + the connection length – the embedded depth < the safe distance + the extension length, reducing the air curtain structure to interfere with mechanical operations.

FIG. 1