

ABSTRACT

An air discharge unit (100) for underfloor air conditioning employs a centripetal fan (2) to realize low pressure loss, low noise and energy saving while reducing the heightwise thickness of the whole unit. The centripetal fan (2) is installed in an underfloor chamber (104) formed between a floor panel (103) and a floor slab to face an outlet (1) provided in the floor panel 103, and is driven by a motor (4). The centripetal fan (2) has a hub (200) and a plurality of blades (20) formed on an outer surface of the hub (200), and sucks therein an air in the underfloor chamber (104) from radially outward direction to make the air spirally flow toward the outlet (1) generally in an axial direction.