

ABSTRACT

HEATING AND COOLING UNIT, AND HEATING AND COOLING APPARATUS

To provide a heating and cooling unit and a heating and cooling apparatus in which high efficiency and high power are achieved,
5 space unsuitable for air conditioning is less than air conditioning by the conventional radiation panel employing only heat emission as well as a draft and temperature unevenness are not provided, and measures against dew condensation countermeasure are unnecessary. In an induction emission air conditioning apparatus
10 installed in a ceiling C, it is provided within a casing 19 with a heat exchanger 20 through which a feed air introduced from an outdoor side passes, a fan 22 passing the feed air through the air conditioning heat exchanger 20, and a heating and cooling unit 1 for blowing a mixed air obtained by inducing and suctioning the air in
15 the room inside by using the feed air passing through the heat exchanger 20 so as to mix with the feed air, into the room inside in a laminar manner, and emitting the heat of the mixed air to the room inside, integrally.

Figure 12