

ABSTRACT

FREEZING DEVICE CONSTRUCTION METHOD AND FREEZING DEVICE

A refrigeration apparatus constituted so that, by using a separation membrane, it can
5 separate and eliminate the noncondensable gas, in a state mixed with a refrigerant inside a
refrigerant circuit, which was left inside a refrigerant connecting pipe during on-site
construction, wherein the efficiency of separating the noncondensable gas in the separation
membrane is improved. An air conditioner (1) comprises a refrigerant circuit (10), wherein a
heat source unit (2) and a utilization unit (5) are connected via a refrigerant connecting pipe
10 (6, 7), and is provided with a gas separation apparatus (31). The gas separation apparatus (31)
comprises a separation membrane apparatus (34) connected to a liquid side refrigerant circuit
(11) that connects a heat source side heat exchanger (23) and a utilization side heat exchanger
(51). The separation membrane apparatus (34) comprises a separation membrane (34b) that,
by operating a compressor (21) and circulating refrigerant inside the refrigerant circuit (10),
15 can separate from the refrigerant and discharge out of the refrigerant circuit (10) the
noncondensable gas remaining in the refrigerant connecting pipe (6, 7).