

PERFORMANCE DEGRADATION DIAGNOSIS SYSTEM FOR REFRIGERATION CYCLE APPARATUS

ABSTRACT

5

Provided is a performance degradation diagnosis system for a refrigeration cycle apparatus, capable of accurately identifying a cause of performance degradation. A performance degradation diagnosis system (200) is a performance degradation diagnosis system for an air conditioning apparatus (100) that includes a refrigerant circuit including
10 a compressor, a heat-source-side heat exchanger, and a use-side heat exchanger. The performance degradation diagnosis system includes a determining unit (216) and an air-conditioning control unit (214). The determining unit determines, based on an index indicating an operation state of the air conditioning apparatus, performance degradation of the air conditioning apparatus with respect to each of a plurality of performance
15 degradation factors of the air conditioning apparatus. In a case where the determining unit determines performance degradation of the air conditioning apparatus with respect to each of the performance degradation factors, the air-conditioning control unit grasps an operation condition of the air conditioning apparatus which is operating, and in a case where the operation condition of the air conditioning apparatus is not suitable for
20 determining performance degradation of the air conditioning apparatus with respect to a performance degradation factor of a determination target, controls the operation condition of the air conditioning apparatus so that the operation condition of the air conditioning apparatus becomes an appropriate operation condition.

25 Figure 1