

Abstract**VAPORIZER HAVING COLD ENERGY RECOVERY FUNCTION, AND COLD ENERGY RECOVERY DEVICE**

A cold energy recovery vaporizer (10) includes an evaporator (E1) that evaporates at least a part of an intermediate medium (4) through heat exchange between a heat source medium and the intermediate medium, a vaporizer (E2) that vaporizes low-temperature liquefied gas with the intermediate medium (4) evaporated by the evaporator (E1), an intermediate medium channel (40) for extracting the intermediate medium (4) liquefied by the vaporizer (E2) and returning the intermediate medium (4) to the vaporizer (E2), a refrigerant circulation circuit (42) in which a refrigerant circulates, a heat exchanger (44) that performs heat exchange between the intermediate medium (4) that flows in the intermediate medium channel (40) and the refrigerant that circulates in the refrigerant circulation circuit (42), and adjusting means (46) for adjusting, according to a demanded cold energy load, a cold energy amount supplied from the intermediate medium (4) to the refrigerant.