

SYSTEMS AND METHODS FOR COOLING USING GALLEY MONUMENTS

ABSTRACT

A cooling system for use with a galley monument having at least one galley compartment includes a heat exchanger supplying cooled air to at least one galley compartment. An airflow supply and return system has a supply duct that couples the
4 heat exchanger in flow communication with the at least one galley compartment. A diverter mechanism is positioned at least partially within the supply duct for controlling flow of the cooled air. The diverter mechanism is movable between a first position in which the cooled air flows from the heat exchanger through the supply duct to the at least
8 one galley compartment and a second position in which at least a portion of the cooled air from the heat exchanger is discharged from the supply duct to the passenger compartment of the aircraft.

Fig. 4