



TECHNOLOGY

CO2 Heat Pump Hot Water Heater

OVERVIEW

The present invention is a combined CO2 heat pump and hot water heater that achieves remarkable energy efficiencies wherever large quantities of hot water are needed. In addition to increased efficiencies, the present CO2 system is more compact and can be manufactured at lower cost than conventional heat pumps. The invention is ideal for use in hospitals, hotels, restaurants and industry.

For more information, contact the Office of Technology Commercialization, 301-405-3947 or otc@umd.edu.

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Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

Not Filed

LICENSE STATUS

Available for exclusive or non-exclusive license

CATEGORIES

- Industrial Processing

EXTERNAL RESOURCES

PS-98-033