



P.O. Box 571, Colville, WA. 99114-0571
Phone (800)845-6778 or (509)684-2595
Website: www.colmaccoil.com
E-mail: mail@colmaccoil.com

News Release

COLMAC HEAT PIPES CAPTURE AND REUSE VALUABLE ENERGY



Energy conservation has been identified as a key component of our collective global effort to reduce society's dependence on fossil fuels. Building exhaust represents a significant opportunity to conserve energy, especially if the building has a large fresh air requirement (hospital, casino, school, etc). Colmac heat pipe coils can be used either in new building design or, in many cases, retrofitted to existing buildings to capture and reuse valuable energy that is otherwise being thrown away.

Colmac heat pipes are simple and efficient. There are no moving parts to wear out or replace. The Colmac heat pipe is a passive device that quietly and efficiently transfers heat between the building exhaust and supply airstreams.

In summer when supply air temperatures are high and air-conditioned cool air is being exhausted, the refrigerant in the heat pipe absorbs heat from the supply airstream, effectively pre-cooling it and reducing the building air-conditioning load, and transfers this heat into the exhaust.

In winter this process is reversed and supply air is pre-heated, reducing the building heating load. Typically, 65 to 75% of the energy in building exhaust can be cost effectively recovered and reused. Very attractive payback periods and return on investment are possible in most locations.

Available with capacities up to 120,000 CFM, Colmac heat pipes are manufactured with 5/8", 7/8", or 1" tubes, and extruded or plate fin construction.

Visit www.colmaccoil.com for more information and access the newly published Colmac Heat Pipe Application Flyer and Heat Pipe Product Specification for details.

Stop wasting energy and start saving money with Colmac Heat Pipes!