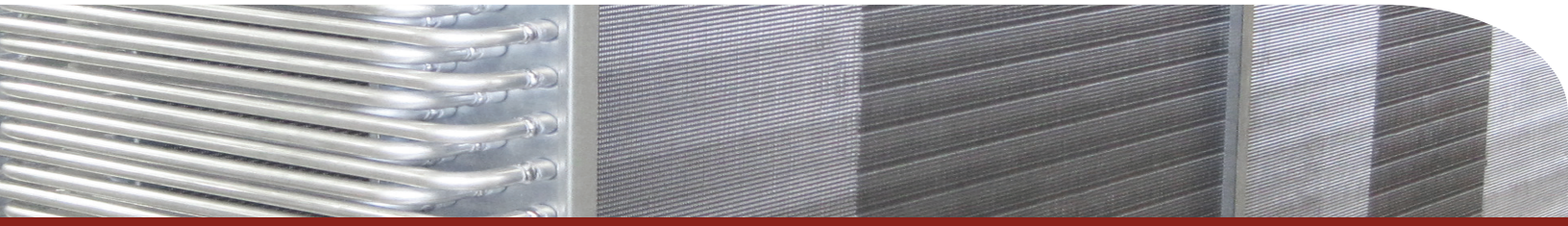
COLMAC COIL
Manufacturing Inc.

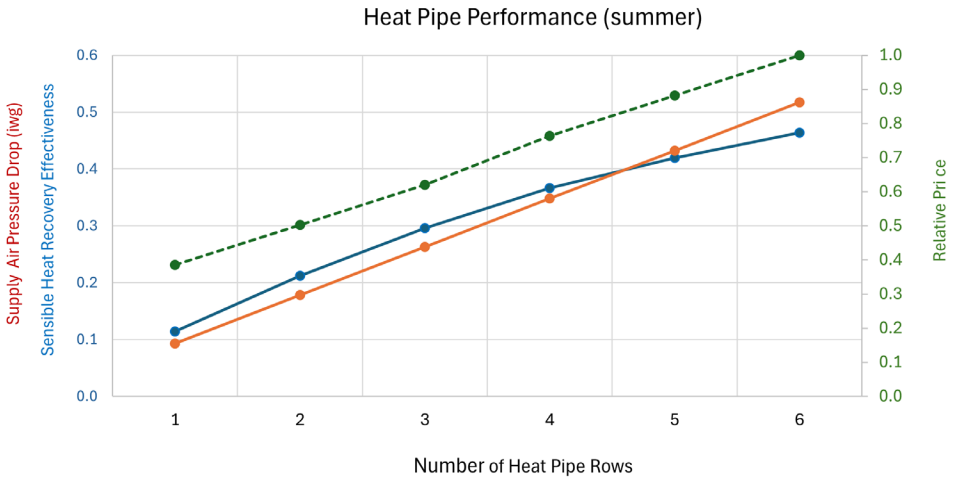
HEAT PIPE EFFECTIVENESS



The below example illustrates how heat pipe effectiveness, price, and air pressure drop vary as the coil rows are increased. Typically, the best balance of these factors is around 3-5 rows deep.

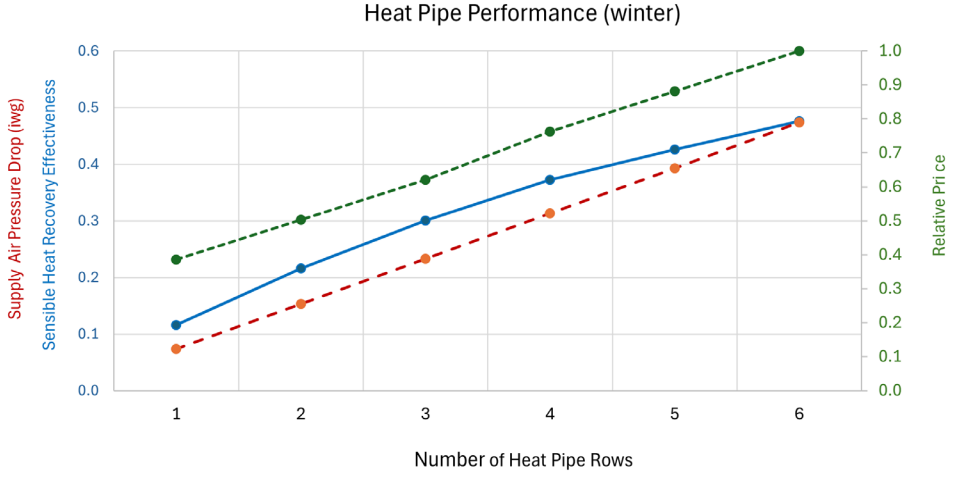
Heat Pipe Design

- 5/8" Staggered pattern, 575FPM, 10FPI
- 30" Fin Length Supply, 30" Fin Length Exhaust
- 750mm Fin Height
- Stainless Tube/Aluminum Fin



Summer Design Conditions

- Supply : 100F/40% RH
- Exhaust: 70F/50% RH



Winter Design Conditions

- Supply : 20F/70% RH
- Exhaust: 65F/50% RH