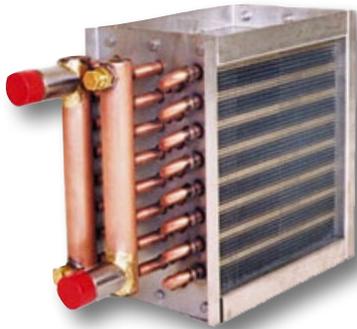




Leaving You Hanging Out to Dry

**Are humidity issues putting a “damper” on your comfort cooling application?
Look no further than the experts at RAE Coils to help you dry out!**



With our new Desaturation Coil design, you can easily dehumidify and reheat your application’s airflow using one, easy-to-install component. RAE Desaturation Coils are combination cooling/reheat coils that efficiently restore the leaving air temperature and humidity level of the airflow in a variety of applications including hospitals, laboratories, and clean rooms.

RAE Desaturation Coils are ideal for replacing cooling coils in applications utilizing a “blow-thru design” air handling unit. Saturated leaving air can cause the filters in your system to dampen, so the dry bulb and wet bulb leaving air temperatures from your coil must have a 1-2°F temperature difference. To achieve this temperature difference and address the humidity issue, replacement cooling coils are often moved to the “draw-thru” position upstream of the fan. However, moving the coil to this position can be time-consuming, expensive, and ineffective. Fortunately, RAE Desaturation Coils are a simple, cost-efficient alternative to solving your humidity and replacement issues!

- **No additional installation piping or electrical work!**
- **Maintain your original coil location!**
- **Reduce installation costs and system downtime!**
- **Built-to-order coils that perform at your exact specifications!**

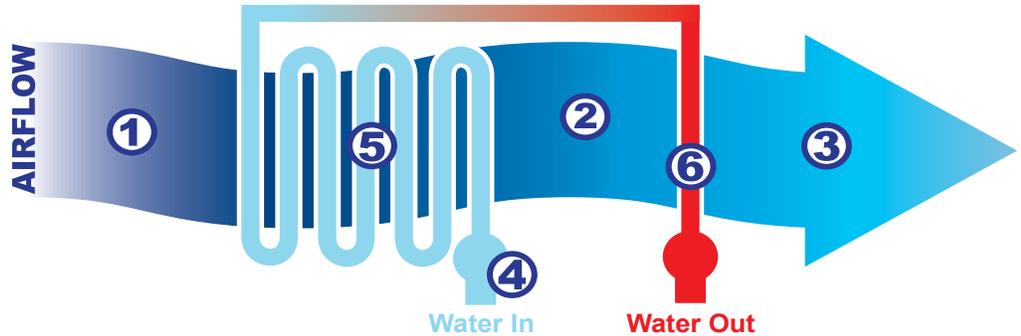
Quick-Date Program

Fall in love with the most attractive dates from RAE Coils!

RAE Coils is now offering **1, 2, 3, and 4-day premium shipping!** And each Date has a money-back guarantee! If you’re not completely satisfied with our QuickDate Program, RAE Coils will reduce your premium percentage paid to correlate with the date your coil actually ships. You can rest easy knowing all of your RAE Coils will be manufactured and perform to your exact specifications. And now, your coils can ship faster than ever!

How it Works

RAE Desaturation Coils work as combination cooling and reheat coils to restore your application's LAT and humidity to the desired levels. This is accomplished through an energy and cost-efficient process on the air side and in the water loop of the coil.



Air Side:

- ① Warm, saturated air enters the coil.
- ② Air passes across chilled water tubes of the coil, cooling the air and removing moisture.
- ③ Cold air passes across the hot water tubes on the reheat side of the coil, heating the air and reducing the amount of energy required to heat the air back to the desired LAT.

Water Loop:

- ④ Cold water enters the coil.
- ⑤ Warm, saturated air flows over the chilled water tubes, heating the water.
- ⑥ The heated water is then looped back through the coil, reheating the desaturated air.

Product Options



You can rest assured that your RAE Desaturation Coils will be built and perform according to your exact specifications! For over 30 years, we have been a leading manufacturer in the replacement coil market and pride ourselves on building products to meet to your exact requirements. Features of our Desaturation Coils include:

- **3/8", 1/2" or 5/8" copper tubes up to .049" tube thickness**
- **4 to 14 fins per inch with heights up to 52.5" in a single fin**
- **Leak tested underwater to 400 PSI**

