

# HAND DESIGNATION

Hand designation of evaporator coils is an important step to ensure maximum efficiency and output of the coil.

## DETERMINING HAND DESIGNATION

To determine if an existing unit is a right hand or left hand unit, first find the direction of airflow. Next, face the coil with your back to the airflow. If the connections are on the right side of the evaporator, then it is a right hand unit. If the connections are on the left side, it is a left hand unit.

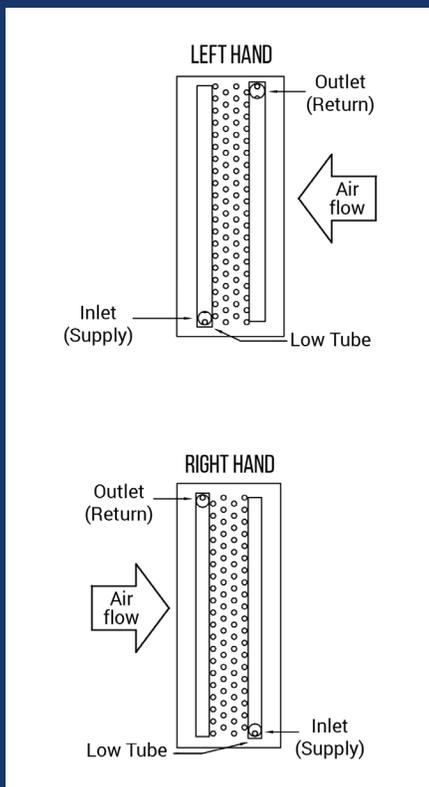
## COUNTER FLOW

Counter flow piping is used for basic water and direct expansion coils. See examples below.

## PARALLEL FLOW

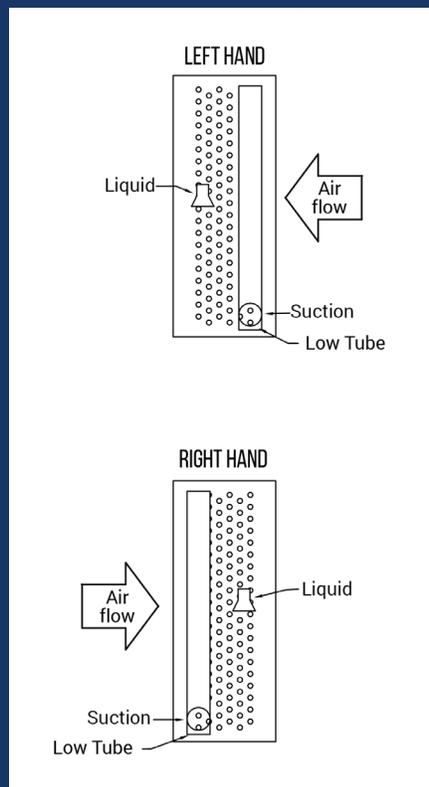
Parallel flow piping is used for recirc bottom and flooded coils. See examples below.

### BASIC WATER



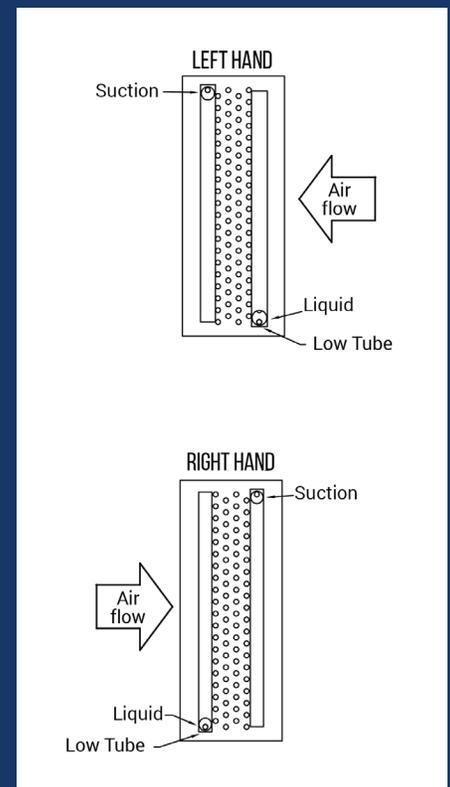
*Counter flow*

### DIRECT EXPANSION



*Counter flow*

### RECIRC BOTTOM AND FLOODED COILS



*Parallel flow*



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*"The Heat Transfer Experts"*

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CRN



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