## Water Cooled Aftercooler | AB-1608-D6-0

## COPPER TUBE CONSTRUCTION

## Features

- Compressed Air and Gas Aftercoolers
- For Water to Air Cooler
- All Brass Hubs and Shell Assemblies: Reduce or Eliminate Galvanic and Other Types of Corrosion
- Copper Nickel Tubes Available for Sea Water Service


## Ratings

Maximum Operating Pressure
Tubes 250 PSI
Shell 250 PSI
Maximum Operating Temperature $350^{\circ} \mathrm{F}$

## Materials

Tubes Copper
Shell Brass
End Hubs Brass
End Bonnets Cast Iron
Baffles Brass
Mounting Brackets (optional) Steel
Gaskets Nitrile Rubber
Nameplate Aluminum Foil

## Dimensions



NOTE: We reserve the right to make reasonable design changes without notice. All dimensions in inches.

## Capacity Selection

| Model | 2-Stage Recip $250^{\circ} \mathrm{F}$ Inlet Air |  | Rotary Screw $200^{\circ} \mathrm{F}$ Inlet Air |  |
| :---: | :---: | :---: | :---: | :---: |
|  | SCFM Gapacity* in Tubes | P, PSI, at Rated Capacity | SCEM Gapacity* in Tubes | $\triangle$ P, PSI, at Rated Capacity |
| AB-1608-D6-0 | 2800 | 1.6 | 3170 | 2.0 |

${ }^{*}$ Based on ambient air at $60^{\circ}$ F, 14.7 psia, and $50 \%$ relative humidity. Compressed air cooled to within $15^{\circ}$ F of inlet water temperature. Water flow rate 3 GPM per 100 SCFM air flow. For single stage compressor type, $300^{\circ}$ F inlet, use 2-stage SCFM capacities with a $15 \%$ reduction.

## Piping Diagrams

Thermal Transfer Aftercoolers can be mounted in either of the positions shown. Separators should be used as shown. Consult factory for separator recommendations.


