

RADIATORS

Info for Performance Calculations

1. Heat Rejection....._____BTU/Min
2. Ambient Air Temperature.....°F
3. Hot Fluid Temperature.....°F
4. Hot Fluid Flow Rate.....GPM or lbm/s
5. Number of Hot Fluid Passes Through Core _____
6. Hot Fluid Inlet or Operating Pressure.....PSI
7. Maximum Coolant pressure drop.....PSI (in. Hg)
8. Maximum Static (Air side) pressure drop...PSI (in. H2O)
9. Cold Fluid or Air Flow.....CFM or lbm/s
10. Envelope Size: Height (header to header distance):_____in
11. Envelope Size: Width (side to side):.....in
12. Envelope Size: Depth (Tube width):.....in

Info for Design

1. Inlet Size:_____ Outlet Size:_____ Fitting Type:_____
2. Internal Oil Cooler (inside one of the tanks): yes () no ()
3. Area Available for Air Flow: Height:_____ Width:_____
4. Hot Fluid Outlet Temperature.....°F
5. Stone Guard: yes () no ()
6. Fan Shroud: yes () no ()
7. Mounting Brackets: yes () no ()
8. Do you want a Baffle / Deairation system? yes () no ()
9. Any other parts you would like on the radiator? _____
