

Unit Conversions

All the quantities listed in these tables are non-dimensional, with the exception of Q , q and V/\sqrt{T} in the Isentropic Flow tables, which are tabulated in SI units.

To convert to Imperial units, the following factors may be used:

- (1) Q and q are tabulated in $\text{kg} \sqrt{(\text{K})}/\text{N s}$
 - To convert to $\text{lb} \sqrt{(\text{K})}/\text{lb f s}$ multiply by 9.806 65
 - To convert to $\text{lb} \sqrt{(^{\circ}\text{R})}/\text{lb f s}$ multiply by 13.157 0
- (2) V/\sqrt{T} is tabulated in $\text{m/s} \sqrt{\text{K}}$
 - To convert to $\text{ft/s} \sqrt{\text{K}}$ multiply by 3.280 84
 - To convert to $\text{ft/s} \sqrt{^{\circ}\text{R}}$ multiply by 2.445 39