

Arbitrary Input/Output Units For CompAero & TurbAero

All programs using dimensional data allow the user to select from a variety of available units for input and output data. First you select a basic set of units from the four choices below closest to the units you want to use.

SELECT UNITS SET CLOSEST TO THE ONES YOU WANT

- English Units (ft, deg R, psf, lb, btu, etc.)
- Engineering Units (English, but with in, psi and deg F)
- Metric Units (m, deg K, bar, kg, kJ, etc.)
- Scientific Units (m, deg K, atm, gm, cal, etc.)

Units Set Being Defined Is The Input/Output Units

Next, you have the option to modify the units of individual parameters from the complete set of alternative units available from the dropdown lists below.

Temperature deg F	Energy btu	Mass Flow lbm/min
Pressure psi	Length in	Volume Flow cfm
Volume ft ³	Velocity ft/sec	Head ft-lb/lbm
Mass lbm	Viscosity lbm/ft/s	Power Hp
Units Derived From Volume, Mass And Energy Units		
Density lbm/ft ³	Enthalpy btu/lbm	Entropy btu/lbm/deg F

Units Set Being Defined Is The Input/Output Units

The same process is used to select a default set of units and to select units for a specific case. The units used for each case are saved with the input file for the case for use on future runs. The user's default units are initially assumed for each new case, but the user can change them as required.