

ASHRAE Library (LibHuAirProp) of Humid Air Psychrometric and Transport Property Functions, I-P and SI

For Real Moist Air, Dry Air, Steam, Water, and Ice

By S. Herrmann, H.-J. Kretzschmar, and D.P. Gatley

60
Functions
In Both
I-P & SI
Units!

Accurate

- ♦ 'Real' Versus 'Ideal' Air
- ♦ Update of the ASHRAE Hyland-Wexler and Nelson-Sauer Models
- ♦ Wide Range of Validity
 - Pressure: 0.00145 ≤ p ≤ 1450.4 psi
 - Temperature: -99.67 ≤ t ≤ 662 °F
 - Humidity Ratio: 0 ≤ W ≤ 10 lb_w/lb_a

Powerful and Flexible

- ♦ Thermodynamic Properties
- ♦ Saturation Properties
- ♦ Transport Properties
- ♦ Water Content Functions
- ♦ Backward Functions

Easy to Use!

Works *within* Microsoft Excel®, Mathcad®, MATLAB®, and EES
Under Windows® 64-bit and 32-bit

Now in 4 product applications:

FluidMAT
for Mathcad®

Add-In **FluidEXL**
for Excel®

FluidLAB
for MATLAB®

FluidEES
for EES

Available at the ASHRAE Online Bookstore:

Product	Member Price	List Price
FluidEXL for Excel	\$149	\$179
FluidLAB for MATLAB	\$149	\$179
FluidMAT for Mathcad	\$149	\$179
FluidEES for EES	\$149	\$179
Combined Library (ALL 4)	\$290	\$350



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www.thermofluidprop.com/
Hans-Joachim Kretzschmar
Sebastian Herrmann
Donald P. Gatley
E-mail: info@thermofluidprop.com
Phone: +49 -172-7914607