



# Forced Air Guidelines Software Order Form

Thermal Environmental Comfort Association

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Mail: PO Box 73105, Evergreen RO, Surrey, BC, V3R 0J2 Website: [www.teca.ca](http://www.teca.ca) frm. v.1.2008



## Forced Air Software

Q1st programs are provided on CD to run using MS Excel™97. You must have Excel™97 (or newer) spreadsheet software on your PC.

- Intended for use with the Quality First™ training manual.
- Available with climatic data for either USA or Canada.
- Tutorial with examples and explanatory notes included.

### 1) Heat Loss/Heat Gain Program

- Calculates room-by-room, floor-by-floor or whole house heat loss & heat gain for up to 36 separate rooms or areas.
- **Heat Loss Summary Sheet** with room-by-room cfm distribution and alternate (electric, gas fireplace, wood) heat source load calculations.
- **Heat Gain Worksheets** include features such as the ability to rotate the orientation of the house to 8 cardinal points, shade coefficients, window coverings & automatic latitude adjustment factors.
- **Balance Point Worksheet** for Heat Pumps
- **Appliance Selection Worksheet** used to select a heating appliance properly sized to heat loss & heat gain calculations.
- Now with 2-stage heating, A/C coil and Heat Pump options.

### 2) Duct Sizing Program

- For residential and light commercial installations, 1200 to 5000 CFM, up to 36 x 18 trunk duct size.
- **Supply Air System Worksheet** calculates trunk and run sizes either for room-by-room cfm requirements or by run size and number of fittings.
- **Return Air System Worksheet**—Enter codes from SA Worksheets for automatic calculations of Return Air trunk, run, drop and grills.
- **Energy Use Worksheet**—calculates annual fuel consumption and heating costs for various fuels. A great selling tool!

#### New features:

- Choice of 0.2"wc or 0.3"wc static pressure systems.
- Up to 280 possible duct runs.
- Up to 5 branch ducts (connect to trunk or other branch ducts).
- Re-designed layout with more space for rooms & comments.
- and more!

Please customize my Forced Air Software with the following information and ship my order to:

Company\* \_\_\_\_\_  
 Name\* \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Postal Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax/E-mail \_\_\_\_\_

\*Please provide your name and company as you wish them to appear on your software. Changes requiring re-issue are subject to a \$25 fee.

Software shipped pre-paid only. Enclosed find our payment for:

We are TECA Voting Members		We are NOT TECA Voting Members	
Heat Loss/Gain		Heat Loss/Gain	
Duct Sizing		Duct Sizing	
Software	\$104.00	Software	\$131.00
Shipping & Handling	15.00	Shipping & Handling	15.00
Subtotal	\$119.00	Subtotal	\$146.00
12% HST (BC only)	14.28	12% HST (BC only)	17.52
HL/HG Total:	<input type="checkbox"/> \$133.28	HL/HG Total:	<input type="checkbox"/> \$163.52
DS Total:	<input type="checkbox"/> \$133.28	DS Total:	<input type="checkbox"/> \$163.52
<input type="checkbox"/> Both Programs (2x\$133.28-\$15 shipping): \$251.56		<input type="checkbox"/> Both Programs (2x\$163.52-\$15 shipping): \$312.04	

TECA HST Number: 88535 4423RT0001

We are paying as follows:

Order on-line at [www.teca.ca](http://www.teca.ca)

- Cheque** or M/O payable to TECA. Mail your cheque & form to: TECA, PO Box 73105 Evergreen RO Surrey, BC, V3R 0J2.
- Credit Card** - Fax or mail to office:  Visa  Mastercard  Amex Expiry Date: Month \_\_\_\_\_ Year \_\_\_\_\_

Credit Card Number:

\* Your credit card receipt will be mailed to address above.

Cardholder's Name:

Cardholder's Signature: