



# HRAI Digest 2017

## Volume 1

2017 Edition

This edition supersedes and replaces all previous editions of the Digest.

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# FOREWORD

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Careful use and through study of this digest should result in satisfactory design and sizing of residential and small commercial heating and cooling systems. However, the end result is in no way warranted by the Heating, Refrigeration and Air Conditioning Institute of Canada or any companies or any persons involved in the preparation of this digest.

**The following manuals are included in the 2017 Digest:**

- ❖ Residential Heat Loss and Heat Gain Calculation
- ❖ Residential Mechanical Ventilation
- ❖ Residential Air System Design
- ❖ Residential Radiant Hydronic Design
- ❖ Residential Commissioning
- ❖ Small Commercial Heat Gain Heat Loss
- ❖ Small Commercial Air System Design

**NOTE: Design projects and calculation in-class examples that are covered in the HRAI technical manuals are not included in this digest. The worksheets included in this edition of the Digest are HRAI's latest worksheets as of February 2017. The readers of this digest should check HRAI website for most up-to-date version of HRAI's worksheets. [www.hrai.ca](http://www.hrai.ca).**

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